

**ITB 14-5903 for Roofing Supplies and Services, Waterproofing and Related Products and Services**  
**Attachment B Pricing**

Line Item		Unit	\$ per Unit	ROOF Systems Material
<b>1.00</b>	<b>Professional Services</b>			
1.01	Full-time Quality Assurance monitoring	DAY		
1.02	Asbestos core testing and analysis (testing only, excludes labor for sampling and repair)	EA		
1.03	Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type)	EA		
1.04	Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	EA		
1.05	Aerial Wall Survey - Wall Pictures & Drawings Including Geometries, Calculated Area and Perimeter Measurements	EA		
1.06	Manufacturer Standing Seam Material Quantity Estimating	EA		
<b>1.07</b>	<b>Nuclear Moisture Survey, Non destructive roof scan</b>			
1.07.01	Non destructive roof scan, up to 20 000 SF	EA		
1.07.02	Non destructive roof scan, over 20,000 SF	SF		
1.08	Infrared scanning equipment for rooftop analysis	DAY		
1.09	Nighttime Infrared scans	NIGHT		
<b>1.10</b>	<b>Roof investigation (visual roof survey)</b>			
1.10.01	Roof investigation, per hour	HOURL		
1.10.02	Visual Roof Survey up to 20,000 SF	EA		
1.10.03	Visual Roof Survey over 20,000 SF	SF		
1.11	Comprehensive report	HOURL		
1.12	Manufacturer's Technical Representative Contractor Training Session at Job Start-Up	DAILY		
1.13	Wind Uplift Testing – Mobilize and provide wind uplift testing per Factory Mutual System Roof Design Manual FM 1-52	EA		
1.14	Field / Shop Drawings	EA		
1.15	Project Building Code Review	EA		
<b>1.16</b>	<b>Additional and Occasional Services</b>			
1.16.01	Architect / Design Professional Services	HOURL		
1.16.02	Engineer	HOURL		
1.16.03	Structural Analysis / Engineering Services	HOURL		
1.16.04	Roof Consultant	HOURL		
1.16.05	CAD Draftsman	HOURL		
<b>1.17</b>	<b>Laboratory Analysis</b>			
1.17.01	Laboratory Fungal Analysis: Cultured Fungi Identification & Enumeration (Not including engineering time for sampling.)	EA		
1.17.02	Laboratory Fungal Analysis: Total Fungi Spore Count (Not including engineering time for sampling.)	EA		
1.17.03	Laboratory Mold Analysis: Viable Airborne Mold Analysis (Not including engineering time for sampling.)	EA		

Line Item		Unit	\$ per Unit	ROOF Systems Material
1.17.04	Laboratory Analysis: Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling.)	EA		
1.17.05	Laboratory Analysis: Non-Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling.)	EA		
<b>1.18</b>	<b>Travel Expenses</b>			
1.18.01	Per Diem – Meals and Incidentals	DAY		
1.18.02	Lodging	DAY		
1.18.03	Mileage on Company / Personal Vehicle	MILE		
1.18.04	Airfare (Economy)	JOB		
1.18.05	Vehicle Rental	DAY		
1.19	Seamer Rental Charges	DAY		
1.20	Set-up Charges for Metal In-Shop Fabrication	EA		
1.21	Set-up On-Site Roll Forming	EA		
1.22	Roof Fastener Pull Tests (As Many as Required per Roof Section)	EA		
1.23	Wind Uplift Design Calculations	EA		
1.24	Roof Drainage Capacity Calculations	EA		
1.25	Roof Edge Metal Calculations - ANSI/SPRI ES-1 Standards	EA		
<b>1.30</b>	<b>Additional Professional Services</b>			
1.30.01	Option 1: Professional Services can be Completed on a Cost Plus Basis	%		
1.30.02	Option 2: Mark-Up Applicable to R.S. Means Catalogue Pricing	%		

Line Item		Unit	\$ per Unit	ROOF Systems Material
2.00	<b>Tear-off &amp; Dispose of Debris</b>			
2.01	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Metal Deck	SF		
2.02	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	SF		
2.03	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	SF		
2.04	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Concrete Deck	SF		
2.05	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Metal Deck	SF		
2.06	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	SF		
2.07	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	SF		
2.08	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF		
2.11	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Metal Deck	SF		
2.12	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Wood / Tectum Deck	SF		
2.13	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF		
2.14	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Concrete Deck	SF		
2.21	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Metal Deck	SF		
2.22	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck	SF		
2.23	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF		
2.24	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Concrete Deck	SF		
2.31	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck	SF		
2.32	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
2.33	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	SF		
2.34	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck	SF		
2.35	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck	SF		
2.36	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	SF		
2.37	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	SF		
2.37	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF		
2.41	<b>SYSTEM TYPE</b> Metal Roofing System - Metal Deck	SF		
2.42	<b>SYSTEM TYPE</b> Metal Roofing System - Wood / Tectum Deck	SF		
2.43	<b>SYSTEM TYPE</b> Metal Roofing System - Lightweight / Gypsum Deck	SF		
2.44	<b>SYSTEM TYPE</b> Metal Roofing System - Concrete Deck	SF		
2.51	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof W/ Insulation and UV-Resistant Coating - Metal Deck	SF		
2.52	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof W/ Insulation and UV-Resistant Coating - Wood / Tectum Deck	SF		
2.53	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof W/ Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	SF		
2.54	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof W/ Insulation and UV-Resistant Coating - Concrete Deck	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
2.61	<b>SYSTEM TYPE</b> BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF		
2.62	<b>SYSTEM TYPE</b> BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF		
2.63	<b>SYSTEM TYPE</b> Single-Ply to the Existing Insulation (Insulation to be Re-Used)	SF		
2.64	<b>SYSTEM TYPE</b> Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used)	SF		
2.65	<b>SYSTEM TYPE</b> Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF		
2.66	<b>SYSTEM TYPE</b> Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF		
2.67	<b>MULTIPLIER - TEAR-OFF &amp; DISPOSE OF DEBRIS</b> Each Additional Roof System	%		
<b>3.00</b>	<b>Removal &amp; Replacement of Roof Deck</b>			
3.11	<b>DECK TYPE</b> Metal Deck	SF		
3.12	<b>DECK TYPE</b> Wood Deck	SF		
3.13	<b>DECK TYPE</b> Gypsum Deck	SF		
3.14	<b>DECK TYPE</b> Concrete Deck	SF		
3.15	<b>DECK TYPE</b> Lightweight Deck	SF		
3.16	<b>DECK TYPE</b> Tectum Deck	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
<b>4.00</b>	<b>Insulation Recovery Board &amp; Insulations Options</b>			
4.11	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	<b>SF</b>		
4.12	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	<b>SF</b>		
4.13	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	<b>SF</b>		
4.14	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	<b>SF</b>		
4.15	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	<b>SF</b>		
4.16	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	<b>SF</b>		
4.21	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	<b>SF</b>		
4.22	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered with Insulation Adhesive	<b>SF</b>		
4.23	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	<b>SF</b>		
4.24	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	<b>SF</b>		
4.25	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	<b>SF</b>		
4.26	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	<b>SF</b>		

Line Item		Unit	\$ per Unit	ROOF Systems Material
4.31	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 1.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF		
4.32	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 1.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF		
4.33	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 2.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF		
4.34	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 2.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF		
4.35	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF		
4.41	<b>INSULATION SUBSTITUTION OPTION</b> Deduct for Providing an R-Value of greater than or equal to 10, but less than 15; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF		
4.42	<b>INSULATION SUBSTITUTION OPTION</b> Deduct for Providing an R-Value of greater than or equal to 15, but less than 18; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF		
4.43	<b>INSULATION SUBSTITUTION OPTION:</b> Deduct for Providing an R-Value of greater than or equal to 18, but less than 20 instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF		
4.44	<b>INSULATION SUBSTITUTION OPTION:</b> Add for Providing an R-Value of 25 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF		
4.45	<b>INSULATION SUBSTITUTION OPTION:</b> Add for Providing an R-Value of 30 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF		
4.46	<b>INSULATION SUBSTITUTION OPTION</b> Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF		
4.47	<b>INSULATION SUBSTITUTION OPTION</b> Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered with Insulation Adhesive	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
4.51	<b>INSULATION SLOPE OPTION</b> Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped	SF		
4.52	<b>INSULATION SLOPE OPTION</b> Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped	SF		
4.53	<b>INSULATION SLOPE OPTION</b> Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive	SF		
4.54	<b>INSULATION SLOPE OPTION</b> Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive	SF		
4.55	<b>INSULATION SUBSTITUTION OPTION</b> Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF		
4.56	<b>INSULATION SUBSTITUTION OPTION</b> Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF		
4.61	<b>INSULATION ATTACHMENT OPTION:</b> Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	SF		
4.62	<b>INSULATION ATTACHMENT OPTION:</b> Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90	SF		
<b>5.00</b>	<b>Coat New Roofing With Elastomeric Coating</b>			
5.11	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified	SF		
5.12	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Pre-Primed Smooth or Mineral Surfaced Coal Tar	SF		
5.21	<b>ROOF SYSTEM TYPE</b> Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified; With Reinforced Seams	SF		
5.22	<b>ROOF SYSTEM TYPE</b> Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Pre-Primed Smooth or Mineral Surfaced Coal Tar; With Reinforced Seams	SF		



Line Item		Unit	\$ per Unit	ROOF Systems Material
5.31	<b>ROOF SYSTEM TYPE</b> Apply an Aluminum Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified	<b>SF</b>		
5.32	<b>ROOF SYSTEM TYPE</b> Apply an Aluminum Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Pre-Primed Smooth or Mineral Surfaced Coal Tar	<b>SF</b>		
5.41	<b>ROOF SYSTEM TYPE</b> Apply a Fibered Aluminum Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified	<b>SF</b>		
5.42	<b>ROOF SYSTEM TYPE</b> Apply a Fibered Aluminum Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Pre-Primed Smooth or Mineral Surfaced Coal Tar	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
6.00	Roof Deck and Insulation Option				
6.11	METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT				
6.11.01	INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance with FM 1-90 Requirements	SF		
6.12	WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT				
6.12.01	INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance with FM 1-90 Requirements	SF		
6.12.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Installed with FM 1-90 Attachment Patterns	SF		
6.13	TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT				
6.13.01	INSULATION OPTION:	Mechanically Attach Base Sheet Utilizing FM 1-90 Attachment Patterns & Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance with FM 1-90 Requirements	SF		
6.13.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Installed with FM 1-90 Attachment Patterns	SF		
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT				
6.14.01	INSULATION OPTION:	Must Mechanically Attach a Base Sheet; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF		
6.14.02	INSULATION OPTION:	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
<b>6.15</b>	<b>CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>				
6.15.01	<b>INSULATION OPTION:</b>	Prime Roof Deck; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		
6.15.02	<b>INSULATION OPTION:</b>	Without Insulation - Prime Roof Deck; Must at Least 1/2" Wood Fiber or Perlite Hot Mopped to Deck In Compliance FM 1-90 Requirements	<b>SF</b>		
<b>6.16</b>	<b>METAL ROOF DECK - COLD PROCESS APPLICATION</b>				
6.16.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		
<b>6.17</b>	<b>WOOD ROOF DECK - COLD PROCESS APPLICATION</b>				
6.17.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		
6.17.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Installed with FM 1-90 Attachment Patterns	<b>SF</b>		
<b>6.18</b>	<b>TECTUM ROOF DECK - COLD PROCESS APPLICATION</b>				
6.18.01	<b>INSULATION OPTION:</b>	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		
6.18.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Installed with FM 1-90 Attachment Patterns	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
6.19	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION</b>				
6.19.01	<b>INSULATION OPTION:</b>	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		
6.19.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns	<b>SF</b>		
6.20	<b>CONCRETE ROOF DECK - COLD PROCESS APPLICATION</b>				
6.20.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		
6.20.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least 1/2" High Density Asphalt Coated Wood Fiber Adhered with Insulation Adhesive to Deck In Compliance FM 1-90 Requirements	<b>SF</b>		
6.21	<b>METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.21.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
6.22	WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION				
6.22.01		INSULATION OPTION: Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF		
6.22.02		INSULATION OPTION: Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed with FM 1-90 Attachment Patterns	SF		
6.23	TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION				
6.23.01		INSULATION OPTION: Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF		
6.23.02		INSULATION OPTION: Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed with FM 1-90 Attachment Patterns	SF		

Line Item				Unit	\$ per Unit	ROOF Systems Material
<b>6.24</b>	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>					
6.24.01	<b>INSULATION OPTION:</b>	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>			
6.24.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	<b>SF</b>			
<b>6.25</b>	<b>CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>					
6.25.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>			
6.25.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive In Compliance FM 1-90 Requirements	<b>SF</b>			

Line Item		Unit	\$ per Unit	ROOF Systems Material
7.00	<b>BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT</b>			
7.11	<b>ROOF CONFIGURATION</b> <b>2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt</b>			
7.11.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
7.11.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
7.11.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
7.11.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
7.11.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
7.11.06	<b>WARRANTY CHARGES:</b>	30 Year - No Dollar Limit Warranty	<b>SF</b>	
7.11.07	<b>DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR</b> Substitute Additional Glass Felt (Hot Applications) in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		<b>SF</b>	
7.11.08	<b>ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR</b> Each Additional Glass Felt (Hot Applications) Inter-ply Installed		<b>SF</b>	

Line Item			Unit	\$ per Unit	ROOF Systems Material
8.00	<b>BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT</b>				
8.11	<b>ROOF CONFIGURATION</b> <b>2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt</b>				
8.11.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>		
8.11.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>		
8.11.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>		
8.11.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>		
8.11.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>		
8.11.06	<b>WARRANTY CHARGES:</b>	30 Year - No Dollar Limit Warranty	<b>SF</b>		
8.11.08	<b>DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR</b> Substitute Additional Glass Base Sheet in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		<b>SF</b>		
8.11.09	<b>ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR</b> Each Additional Glass Base (Cold Applications) Inter-ply Installed		<b>SF</b>		



Line Item			Unit	\$ per Unit	ROOF Systems Material
9.00	<b>BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT - FLOOD COAT &amp; AGGREGATE IN MODIFIED COAL TAR PITCH</b>				
9.11	<b>ROOF CONFIGURATION</b> 2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate				
9.11.01	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
9.11.02	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
9.11.03	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
9.11.04	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
9.11.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
9.11.06	<b>COATING OPTION:</b>	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	<b>SF</b>		
9.11.07	<b>WARRANTY CHARGES:</b>	30 Year - No Dollar Limit Warranty	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
10.00	BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT				
10.11	ROOF CONFIGURATION 2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt				
10.11.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
10.11.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
10.11.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
10.11.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
10.11.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF		
10.11.06	WARRANTY CHARGES:	20 Year - No Dollar Limit Warranty	SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
11.00	BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT				
11.11	ROOF CONFIGURATION 2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt				
11.11.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
11.11.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
11.11.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
11.11.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
11.11.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF		
11.11.06	WARRANTY CHARGES:	20 Year - No Dollar Limit Warranty	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
12.00	<b>2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY &amp; A CAP SHEET (TOP PLY)</b> <b>PLEASE NOTE: BASE PLY &amp; CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER</b>			
12.11	<b>ROOF CONFIGURATION</b> <b>1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt</b>			
12.11.01	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	<b>SF</b>	
12.11.02	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	<b>SF</b>	
12.11.03	<b>BASE PLY OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	<b>SF</b>	
12.11.04	<b>PER SQUARE FOOT COST - Hot Applied Modified Multi-ply Systems</b> Each Additional Modified Base Sheet (Hot Applications) Inter-ply Installed		<b>SF</b>	
12.12	<b>ROOF CONFIGURATION</b> <b>1 Ply Modified Base Sheet Adhered in Cold Process Modified Asphalt</b>			
12.12.01	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	<b>SF</b>	
12.12.02	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	<b>SF</b>	
12.12.03	<b>BASE PLY OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	<b>SF</b>	
12.12.04	<b>PER SQUARE FOOT COST - Cold Applied Modified Multi-ply Systems</b> Each Additional Modified Base Sheet (Cold Applications) Inter-ply Installed		<b>SF</b>	
12.12.05	<b>PER SQUARE FOOT COST - Cold Applied Modified Multi-ply Systems</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive		<b>SF</b>	

Line Item			Unit	\$ per Unit	ROOF Systems Material
12.13	<b>ROOF CONFIGURATION</b> <b>1 Ply of <u>Torch Base Sheet</u> Installed with <u>Torch Application</u></b>				
12.13.01	<b>BASE PLY OPTION:</b>	SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)	SF		
12.13.02	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 210 lbf/in tensile	SF		
12.13.03	<b>PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems</b> Each Additional Torch-Applied Modified Base Sheet Inter-ply Installed		SF		
12.14	<b>ROOF CONFIGURATION</b> <b>1 Ply of <u>Self-Adhering Base</u> Installed Using <u>Self-Adhering Backing</u></b>				
12.14.01	<b>BASE PLY OPTION:</b>	SBS Modified Asphalt-Based, Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Base Sheet - Minimum of 50 lbf/in tensile	SF		
12.14.02	<b>PER SQUARE FOOT COST - Self-Adhering Modified Multi-ply Systems</b> Each Additional Self-Adhering Modified Base Sheet Inter-ply Installed		SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
12.21	<b>ROOF CONFIGURATION</b> <b>1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt</b>				
12.21.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
12.21.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
12.21.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
12.21.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
12.21.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF		
12.21.06	WARRANTY CHARGES:	30 Year - No Dollar Limit Warranty	SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
12.22	<b>ROOF CONFIGURATION</b> <b>1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt</b>				
12.22.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
12.22.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
12.22.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
12.22.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
12.22.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF		
12.22.06	WARRANTY CHARGES:	20 Year - No Dollar Limit Warranty	SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
12.23	<b>ROOF CONFIGURATION</b> <b>1 Ply <u>Cap Sheet</u>, Set in <u>Hot ASTM D 312 Type III or IV Asphalt</u>, Flood Coat &amp; Aggregate in <u>Hot Modified Coal Tar Pitch</u></b>				
12.23.01	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
12.23.02	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
12.23.03	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
12.23.04	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
12.23.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>		
12.23.06	<b>COATING OPTION:</b>	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	<b>SF</b>		
12.23.07	<b>WARRANTY CHARGES:</b>	30 Year - No Dollar Limit Warranty	<b>SF</b>		



Line Item			Unit	\$ per Unit	ROOF Systems Material
12.31	<b>ROOF CONFIGURATION</b> <b>1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt</b>				
12.31.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
12.31.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
12.31.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
12.31.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
12.31.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF		
12.31.06	WARRANTY CHARGES:	30 Year - No Dollar Limit Warranty	SF		
12.31.07	<b>PER SQUARE FOOT COST - Cold Applied Modified BUR</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive		SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
12.32	<b>ROOF CONFIGURATION</b> <b>1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt</b>				
12.32.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
12.32.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
12.32.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
12.32.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
12.32.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF		
12.32.06	WARRANTY CHARGES:	20 Year - No Dollar Limit Warranty	SF		
12.32.07	<b>PER SQUARE FOOT COST - Cold Applied Modified BUR</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive		SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
12.33	<b>ROOF CONFIGURATION</b> <b>1 Ply Cap Sheet, Set in <u>Cold Process Asphalt</u>, Flood Coat &amp; Aggregate in <u>Cold Applied Modified Coal Tar Pitch</u> and Aggregate</b>				
12.33.01	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF		
12.33.02	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF		
12.33.03	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF		
12.33.04	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF		
12.33.05	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	SF		
12.33.06	WARRANTY CHARGES:	30 Year - No Dollar Limit Warranty	SF		
12.41	<b>ROOF CONFIGURATION</b> <b>1 Ply of <u>Mineral Surfaced, Torch-Applied Cap Sheet</u> Installed with <u>Torch Application</u></b>				
12.41.01	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	SF		
12.41.02	WARRANTY CHARGES:	20 Year - No Dollar Limit Warranty	SF		
12.42	<b>ROOF CONFIGURATION</b> <b>1 Ply of <u>Torch-Applied Cap Sheet</u> Installed with <u>Torch Application</u> and Finished with a Flood Coat &amp; Aggregate in <u>Cold Process Modified Asphalt</u></b>				
12.42.01	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	SF		
12.42.02	WARRANTY CHARGES:	30 Year - No Dollar Limit Warranty	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
12.42.03	<b>PER SQUARE FOOT COST - TORCH APPLIED ROOF</b> Each Additional Torch Applied Base Sheet Inter-Ply Installed	SF		
12.51	<b>ROOF CONFIGURATION</b> <b>1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing</b>			
12.51.01	<b>ROOF CONFIGURATION OPTION:</b>	ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Sheet Material Type III - Minimum of 130 lbf/in tensile	SF	
12.51.02	<b>WARRANTY CHARGES:</b>	20 Year - No Dollar Limit Warranty	SF	
12.51.03	<b>PER SQUARE FOOT COSTS - EACH ADDITIONAL SELF-ADHERING BASE PLY SHEET INSTALLED</b> SBS Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Base Sheet - 50 lbf/in tensile	SF		
12.61	<b>ROOF CONFIGURATION</b> <b>1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Hot ASTM D 312 Type III OR IV Asphalt with Heat Welded Seams</b>			
12.61.01	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	
12.61.02	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
12.61.03	<b>WARRANTY CHARGES:</b>	25 Year - No Dollar Limit Warranty	SF	
12.62	<b>ROOF CONFIGURATION</b> <b>1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams</b>			
12.62.01	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	
12.62.02	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
12.62.03	<b>WARRANTY CHARGES:</b>	25 Year - No Dollar Limit Warranty	SF	
12.62.04	<b>PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)</b> Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	SF		
12.62.05	<b>PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)</b> Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
13.00	<b>BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH</b>			
13.11	<b>ROOF CONFIGURATION</b> <b>1 Ply of Glass Base, 3 Plies of Polyester Mat or 4 ply of Coal Tar Felts in Modified Hot Coal Tar Pitch (CTP), [Insulation &amp; Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt</b>			
13.11.01	<b>ROOF CONFIGURATION OPTION:</b>	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	
13.11.02	<b>ROOF CONFIGURATION OPTION:</b>	3-Ply Continuous Filament Polyester Mat (5.0 oz./yd <sup>2</sup> ) in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	
13.11.03	<b>WARRANTY CHARGES:</b>	20 Year - No Dollar Limit Warranty	SF	
13.11.04	<b>PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH</b> Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch		SF	
13.11.05	<b>PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS MODIFIED COAL TAR PITCH FOR FLOOD COAT</b> Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch		SF	
14.00	<b>METAL ROOFING SYSTEMS - LOW SLOPE &amp; STEEP SLOPE (2)</b>			
14.11	<b>INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE</b>			
14.11.01	<b>INSULATION OPTION:</b>	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	SF	
14.11.02	<b>INSULATION OPTION:</b>	Architectural Application - No Insulation - WOOD DECK: Class A Fire-Retardant Underlayment	SF	
14.11.03	<b>INSULATION OPTION:</b>	Architectural Application - Minimal Insulation - WOOD OR METAL DECK: Must Have 1/2" Treated Gypsum Board with Glass-Mat (e.g. DensDeck / Securock / Equal); & 40 mil Self-Adhering Underlayment	SF	
14.11.04	<b>INSULATION OPTION:</b>	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20; with 40 mil Self-Adhering Underlayment	SF	
14.11.05	<b>INSULATION OPTION:</b>	Structural Application Over Open Framing; Over Retrofit Framing; Over an Existing Roof Using Steel Furring - No Insulation	SF	

Line Item			Unit	\$ per Unit	ROOF Systems Material
14.11.06	<b>INSULATION OPTION:</b>	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	<b>SF</b>		
14.11.07	<b>INSULATION OPTION:</b>	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	<b>SF</b>		
14.11.08	<b>INSULATION OPTION:</b>	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	<b>SF</b>		
14.11.09	<b>INSULATION OPTION:</b>	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
14.21	<b>ROOF CONFIGURATION</b> Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"				
14.21.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	SF		
14.21.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" - 19" Wide Panels	SF		
14.21.03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF		
14.21.04	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Aluminum	SF		
14.21.05	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Aluminum	SF		
14.21.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	SF		
14.21.07	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	SF		
14.21.08	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	SF		
14.21.09	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	SF		
14.21.10	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	SF		
14.21.11	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF		
14.21.12	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF		
14.21.13	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF		
14.21.14	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga , 18" - 19" Wide Panels	SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
14.21.15	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" - 19" Wide Panels	SF		
14.21.16	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Stainless Steel	SF		
14.21.17	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Stainless Steel	SF		
14.21.18	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Stainless Steel	SF		
14.21.19	THICKNESS OPTION:	Copper Panel Price - 16 oz, 18" - 19" Wide Panels	SF		
14.21.20	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" - 19" Wide Panels	SF		
14.21.21	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Copper	SF		
14.21.22	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Copper	SF		
14.21.23	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Copper	SF		
14.21.24	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	SF		
14.21.25	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	SF		
14.21.26	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Zinc	SF		
14.21.27	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Zinc	SF		
14.21.28	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Zinc	SF		
14.21.29	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck At or Above 3:12 Slope	SF		
14.21.30	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck Below 3:12 Slope	SF		
14.21.31	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3:12 Slope	SF		
14.21.32	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing Below 3:12 Slope	SF		



Line Item			Unit	\$ per Unit	ROOF Systems Material
14.21.33	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	<b>SF</b>		
14.21.34	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Retrofit Framing System Below 3:12 Slope	<b>SF</b>		
14.21.35	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	<b>SF</b>		
14.21.36	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3:12 Slope	<b>SF</b>		
14.21.37	<b>WARRANTY CHARGES:</b>	30 Year - No Dollar Limit Warranty	<b>SF</b>		

Line Item		Unit	\$ per Unit	ROOF Systems Material
14.31	<b>ROOF CONFIGURATION</b> Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels			
14.31.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	<b>SF</b>	
14.31.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum , 18" Wide Panels	<b>SF</b>	
14.31.03	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Aluminum	<b>SF</b>	
14.31.04	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Aluminum	<b>SF</b>	
14.31.05	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	<b>SF</b>	
14.31.06	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	<b>SF</b>	
14.31.07	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.31.08	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.31.09	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.31.10	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.31.11	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.31.12	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga , 18" Wide Panels	<b>SF</b>	
14.31.13	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	<b>SF</b>	
14.31.14	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Stainless Steel	<b>SF</b>	
14.31.15	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Stainless Steel	<b>SF</b>	
14.31.16	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 oz, 18" Wide Panels	<b>SF</b>	
14.31.17	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz, 18" Wide Panels	<b>SF</b>	

Line Item			Unit	\$ per Unit	ROOF Systems Material
14.31.18	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Copper	<b>SF</b>		
14.31.19	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Copper	<b>SF</b>		
14.31.20	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 18" Wide Panels	<b>SF</b>		
14.31.21	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 18" Wide Panels	<b>SF</b>		
14.31.22	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Zinc	<b>SF</b>		
14.31.23	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Zinc	<b>SF</b>		
14.31.24	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	<b>SF</b>		
14.31.25	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate Below 3:12 Slope	<b>SF</b>		
14.31.26	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	<b>SF</b>		
14.31.27	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Retrofit Framing System At or Above 3:12 Slope	<b>SF</b>		
14.31.28	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	<b>SF</b>		
14.31.29	<b>WARRANTY CHARGES:</b>	20 Year - Limited Warranty	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
14.41	<b>ROOF CONFIGURATION</b> <b>Architectural Standing Seam Roof System; Seam Height Below 1"</b>				
14.41.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 14.5" Wide Panels	<b>SF</b>		
14.41.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 14.5" Wide Panels	<b>SF</b>		
14.41.03	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14.5" Wide Panels	<b>SF</b>		
14.41.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 14.5" Wide Panels	<b>SF</b>		
14.41.05	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>		
14.41.06	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>		
14.41.07	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>		
14.41.08	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 14.5" Wide Panels	<b>SF</b>		
14.41.09	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels	<b>SF</b>		
14.41.10	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz., 14.5" Wide Panels	<b>SF</b>		
14.41.11	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz., 14.5" Wide Panels	<b>SF</b>		
14.41.12	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032" , 14.5" Wide Panels	<b>SF</b>		
14.41.13	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 14.5" Wide Panels	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
14.41.14	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF		
14.41.15	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3:12 Slope	SF		
14.41.16	WARRANTY CHARGES:	15 Year - Limited Warranty	SF		
14.51	<b>ROOF CONFIGURATION</b> <b>Flat Seam Metal Roof System - 8' Wide / 30 Gauge</b>				
14.51.01	INSULATION OPTION:	3/4" of Expanded Polystyrene (Minimum 1.5 lbs/cft) - Includes Panel and Installation of Roof System	SF		
14.51.02	INSULATION OPTION:	Mechanically Fastened Polyisocyanurate with an Average R-Value of 20 - Includes Panel and Installation of Roof System	SF		
14.51.03	UNDERLAYMENT OPTION:	Add Install 40 mil self-adhesive membrane as an Underlayment	SF		
14.51.04	PANEL WIDTH OPTION:	Add/Deduct for 6' Wide Option	SF		
14.51.05	PANEL WIDTH OPTION:	Add/Deduct for 10' Wide Option	SF		
14.51.06	PANEL WIDTH OPTION:	Add/Deduct for 12' Wide Option	SF		
14.51.07	WARRANTY CHARGES:	15 Year - Limited Warranty	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
<b>15.00</b>	<b>RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS</b>			
15.11	<b>RESATURATION OF ASPHALT ROOF SYSTEMS</b> Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate as Specified - Coating Applied at 6-8 Gallons per Sq. w/ New Gravel (New Flashings also Required Separate Line Item)	<b>SF</b>		
15.12	<b>RESATURATION OF COAL-TAR PITCH ROOF SYSTEMS</b> Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel (New Flashings also Required Refer to Flashing Line Item)	<b>SF</b>		
15.21	<b>ELASTOMERIC RESTORATIVE COATING FOR METAL ROOF SYSTEMS</b> Power Wash & Clean with TSP; Use Portable Blowers to Clear Roof of Moisture; Prime, then Install Base Coat / Top Coat as Specified Elastomeric Restorative Coating (2 Gallons per Sq.); Rust Inhibitive Primer (Primer 1/2" Gallon to 1 Gallon per Sq.)	<b>SF</b>		
15.22	<b>ELASTOMERIC URETHANE COATING FOR SINGLE-PLY ROOF SYSTEMS</b> Power wash & Clean with TSP or Simple Green, Use Portable Blowers the Clear the Roof of Moisture; Install Base Coat / Top Coat as Specified (Urethane 2 Gallons per Sq.)	<b>SF</b>		
15.23	<b>ELASTOMERIC URETHANE COATING FOR SMOOTH OR MINERAL SURFACED MODIFIED ROOFS</b> Power wash & Clean with TSP or Simple Green; Use Portable Blowers the Clear the Roof of Moisture; Install Base Coat / Top Coat as Specified (Urethane 2 Gallons per Sq.)	<b>SF</b>		
15.24	<b>LINEAR FOOT COST - REINFORCE SEAMS OF UREATHANE RESTORATION SYSTEM</b> Add/Deduct for Reinforcing the Seams when Using an Elastomeric Urethane Coating; Seams Need 2 1/2" Gallons per Sq. w/ Reinforcement.	<b>LF</b>		
15.31	<b>ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS</b> Power Wash and Prime then Install Base Coat / Top Coat as Specified with Reinforced Seams - Restoration Coating	<b>SF</b>		
<b>16.00</b>	<b>INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS</b>			
16.11	<b>INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -</b> New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	<b>SF</b>		
16.12	<b>REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -</b> New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	<b>SF</b>		
16.13	<b>INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -</b> New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	<b>SF</b>		
16.21	<b>INSTALL NEW CEDAR SHAKE ROOF SYSTEM -</b> New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	<b>SF</b>		
16.31	<b>INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -</b> New Barrel Clay/Cement Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	<b>SF</b>		
16.41	<b>REPLACING SLATE TILE ROOF SYSTEM -</b> New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
<b>17.00</b>	<b>FULLY ADHERED SINGLE-PLY ROOF SYSTEMS</b>				
<b>17.11</b>	<b>METAL DECK - SINGLE-PLY APPLICATION</b>				
17.11.01		<b>INSULATION OPTION:</b> Mechanically Fasten Polyisocyanurate / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>		
<b>17.12</b>	<b>WOOD/TECTUM DECK - SINGLE-PLY APPLICATION</b>				
17.12.01		<b>INSULATION OPTION:</b> WOOD DECK: Mechanically Fasten Polyisocyanurate / Adhere Treated 1/2" Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>		
17.12.02		<b>INSULATION OPTION:</b> TECTUM DECK: Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>		
17.12.03		<b>INSULATION OPTION:</b> Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>		
<b>17.13</b>	<b>LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION</b>				
17.13.01		<b>INSULATION OPTION:</b> Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>		
17.13.02		<b>INSULATION OPTION:</b> Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
17.14	<b>CONCRETE DECK - SINGLE-PLY APPLICATION</b>				
17.14.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	SF		
17.14.02	<b>INSULATION OPTION:</b>	Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	SF		
17.21	<b>ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation</b>				
17.21.01	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF		
17.21.02	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF		
17.21.03	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF		
17.21.04	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF		
17.21.05	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF		
17.21.06	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF		
17.21.07	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF		
17.21.08	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF		
17.21.09	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF		
17.21.10	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF		
17.21.11	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF		
17.21.12	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF		
17.21.13	<b>INSTALLATION OPTION:</b>	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	SF		



Line Item		Unit	\$ per Unit	ROOF Systems Material
17.21.14	WARRANTY CHARGES: 15 Year No Dollar Limit Warranty	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
18.00	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS			
18.11	POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)			
18.11.01	FLUID APPLIED MEMBRANE SYSTEM:	Two Coat System	SF	
18.11.02	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat System	SF	
18.11.03	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF	
18.11.04	FLUID APPLIED MEMBRANE SYSTEM:	Four Coat Reinforced System	SF	
18.11.05	WARRANTY CHARGES:	5 Year Waterproofing Warranty	SF	
18.11.06	WARRANTY CHARGES:	10 Year Waterproofing Warranty	SF	
18.12	POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE			
18.12.01	FLUID APPLIED MEMBRANE SYSTEM:	Two Coat System	SF	
18.12.02	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat System	SF	
18.12.03	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF	
18.12.04	FLUID APPLIED MEMBRANE SYSTEM:	Four Coat Reinforced System	SF	
18.12.05	WARRANTY CHARGES:	5 Year Waterproofing Warranty	SF	
18.12.06	WARRANTY CHARGES:	10 Year Waterproofing Warranty	SF	
18.21	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS & PREPARATION			
18.21.01	CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.21.02	CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.21.03	CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.21.04	CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	
18.21.05	CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	
18.21.06	CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.21.07	CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	

Line Item		Unit	\$ per Unit	ROOF Systems Material
18.21.08	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
18.21.09	<b>GRINDING</b> Grind an existing coating	SF		
18.21.10	<b>HANDHELD GRINDING</b> Grind an existing coating in areas that only can be done by hand	SF		
18.21.11	<b>MILLING</b> Mill an existing coating 1/8 inch to 1/4 inch	SF		
18.21.12	<b>PRESSURE WASHING - HORIZONTAL</b> Pressure washing horizontal surfaces with 2000 PSI or greater	SF		
18.21.13	<b>PRESSURE WASHING - VERTICAL</b> Pressure washing horizontal surfaces with 2000 PSI or greater	SF		
18.21.14	<b>SAND BLASTING</b> Sand blast an existing coating	SF		
18.21.15	<b>SHOT BLASTING</b> Shot blast an existing coating	SF		
<b>18.31</b>	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS &amp; SURFACE PREPARATION</b>			
18.31.01	<b>STRUCTURAL EXPANSION JOINT</b> Installation or replacement of an expansion joint that is necessary for structural integrity	LF		
18.31.02	<b>CAULKING JOINTS</b> Installation of caulking in joints. See caulking chart	LF		
18.31.03	<b>ROUTING AND REMOVAL OF EXISTING CAULK</b> Rout and remove of existing caulk out of expansion joints	LF		
18.31.04	<b>EPOXY INJECTION FOR CRACK REPAIR</b> Route cracks, drill holes every 18" inches, and inject and seal with epoxy	LF		
18.31.05	<b>TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS</b>	LF		
18.31.06	<b>WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT</b>	SF		
<b>19.00</b>	<b>WALL COATINGS FOR COATING WALL SYSTEMS</b>			
19.11	<b>ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF		
19.12	<b>ELASTOMERIC COATING FOR EFIS WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF		
19.13	<b>ELASTOMERIC COATING FOR CMU WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF		
19.14	<b>ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF		

Line Item		Unit	\$ per Unit	ROOF Systems Material
20.00	NEW FLASHINGS FOR ROOFING SYSTEMS & RESTORATION OPTIONS			
20.11	<b>ROOF FLASHINGS FOR MODIFIED &amp; COAL TAR PITCH ROOF SYSTEMS:</b> Minimum 1 Ply of Base Flashing and Mineral Cap Sheet Installed in Hot ASTM D 312 Type III or IV Asphalt			
20.11.01	FLASHING OPTION:	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 215 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF	
20.11.02	FLASHING OPTION:	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 215 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
20.11.03	FLASHING OPTION:	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 215 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
20.11.04	FLASHING OPTION:	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 215 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF	
20.11.05	FLASHING OPTION:	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 215 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	SF	

Line Item			Unit	\$ per Unit	ROOF Systems Material
20.11.06		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 315 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF		
20.11.07		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 315 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF		
20.11.08		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 315 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF		
20.11.09		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 315 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF		
20.11.10		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 315 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	SF		
20.999	PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application of Flashings		SF		

Line Item			Unit	\$ per Unit	ROOF Systems Material
<b>20.2</b>	<b>Torch Applied Flashings -</b> Minimum 1 Ply of Torch Base and Torch Mineral Cap Sheet; Torch Applied				
20.20.01	<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Torch Applied Flashing Ply - 80 lbf/inch tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 300 lbf/in Tensile Torch Applied Membrane	<b>SF</b>		
<b>20.31</b>	<b>Self-Adhering Flashings -</b> Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Self-Adhering				
20.31.01	<b>FLASHING OPTION:</b>	BASE PLY: SBS Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Flashing Ply - 50 lbf/ inch tensile (ASTM D 5147); TOP PLY: ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Membrane Type III - 130 lbf/in tensile	<b>SF</b>		
<b>20.41</b>	<b>Single-Ply Flashings -</b> Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems (Self-Adhering Roof Applications Only)				
20.41.01	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	<b>SF</b>		
20.41.02	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	<b>SF</b>		
20.41.03	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	<b>SF</b>		
20.41.04	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	<b>SF</b>		
20.41.05	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	<b>SF</b>		
20.41.06	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	<b>SF</b>		
20.41.07	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	<b>SF</b>		
20.41.08	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
20.41.09	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF		
20.41.10	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF		
20.41.11	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF		
20.41.12	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF		



Line Item			Unit	\$ per Unit	ROOF Systems Material
21.00	<b>METAL WALL PANEL SYSTEMS</b>				
21.11	<b>WALL SYSTEM</b> Exposed Fastener Wall Panel System				
21.11.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	<b>SF</b>		
21.11.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	<b>SF</b>		
21.11.03	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Aluminum	<b>SF</b>		
21.11.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 36" Wide Panels	<b>SF</b>		
21.11.05	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	<b>SF</b>		
21.11.06	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>		
21.11.07	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>		
21.11.08	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>		
21.11.09	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>		
21.11.10	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 36" Wide Panels	<b>SF</b>		
21.11.11	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 36" Wide Panels	<b>SF</b>		
21.11.12	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Stainless Steel	<b>SF</b>		
21.11.13	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz., 36" Wide Panels	<b>SF</b>		
21.11.14	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz., 36" Wide Panels	<b>SF</b>		
21.11.15	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Copper	<b>SF</b>		
21.11.16	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 36" Wide Panels	<b>SF</b>		

Line Item			Unit	\$ per Unit	ROOF Systems Material
21.11.17	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 36" Wide Panels	<b>SF</b>		
21.11.18	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Zinc	<b>SF</b>		
21.11.19	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs/cft) Installed Between Girts	<b>SF</b>		
21.11.20	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	<b>SF</b>		
21.11.21	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	<b>SF</b>		
21.11.21	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>		
21.11.23	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>		
21.11.24	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Plywood; No Insulation	<b>SF</b>		

Line Item		Unit	\$ per Unit	ROOF Systems Material
<b>21.12</b>	<b>WALL SYSTEM</b> Concealed Fastener Wall Panel System - 12" Wide Panels			
21.12.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	<b>SF</b>	
21.12.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum, 0.040" Aluminum	<b>SF</b>	
21.12.03	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	<b>SF</b>	
21.12.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	<b>SF</b>	
21.12.05	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.12.06	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.12.07	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.12.08	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga Thickness	<b>SF</b>	
21.12.09	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga Thickness	<b>SF</b>	
21.12.10	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz Thickness	<b>SF</b>	
21.12.11	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz Thickness	<b>SF</b>	
21.12.12	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032" Thickness	<b>SF</b>	
21.12.13	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040" Thickness	<b>SF</b>	
21.12.14	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs/cft) Installed Between Girts	<b>SF</b>	
21.12.15	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	<b>SF</b>	

Line Item			Unit	\$ per Unit	ROOF Systems Material
21.12.16	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	<b>SF</b>		
21.12.17	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Plywood; No Insulation	<b>SF</b>		
21.12.18	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>		
21.12.19	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>		
21.12.20	<b>PANEL TYPE OPTION:</b>	Add for Factory Insulated Concealed Fastener Wall Panel	<b>SF</b>		
<b>21.21</b>	<b>AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)</b>				
21.21.01	<b>Non-Permeable Option:</b>	Fluid Applied System - ASTM 2178	<b>SF</b>		
21.21.02	<b>Non-Permeable Option:</b>	Fluid Applied Water Based System - ASTM 2178	<b>SF</b>		
21.21.03	<b>Non-Permeable Option:</b>	Membrane System - ASTM E 2178	<b>SF</b>		
21.21.04	<b>Permeable Option:</b>	Fluid Applied System - ASTM E 2178 & ASTM E 96	<b>SF</b>		
21.21.05	<b>Permeable Option:</b>	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	<b>SF</b>		
21.21.06	<b>Permeable Option:</b>	Membrane System - ASTM 2178 & ASTM E 96	<b>SF</b>		

Line Item		Unit	\$ per Unit	ROOF Systems Material
<b>21.31</b>	<b>INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)</b>			
21.31.01	<b>Insulation Option:</b>	1" Rock Wool Insulation Installed	<b>SF</b>	
21.31.02	<b>Insulation Option:</b>	2" Rock Wool Insulation Installed	<b>SF</b>	
21.31.03	<b>Insulation Option:</b>	3" Rock Wool Insulation Installed	<b>SF</b>	
21.31.04	<b>Insulation Option:</b>	4" Rock Wool Insulation Installed	<b>SF</b>	
21.31.05	<b>Insulation Option:</b>	1" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.31.06	<b>Insulation Option:</b>	2" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.31.07	<b>Insulation Option:</b>	3" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.31.08	<b>Insulation Option:</b>	4" Extruded Polystyrene Insulation Installed	<b>SF</b>	

Line Item		Unit	\$ per Unit	ROOF Systems Material
22.00	<b>JOB SITE SPECIFIC MULTIPLIERS APPLIED TO EACH LINE ITEM ON ASSOCIATE JOB</b>			
22.11	<b>MULTIPLIER - LIMITED / OBSTRUCTED / DIFFICULT ROOF ACCESS</b> Multiplier Applied when Access to the Roof is Limited to Specific Entry Points, Equipment & Materials Cannot be Lifted by Crane on the Roof, or Access is Dependent Upon Road Closure	%		
22.12	<b>MULTIPLIER - ROOF HAS LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS</b> Multiplier Applied when Open Roofing Area is Limited Due to a Large Number of Roof Penetrations such as Soil Stacks, Sky Lights, Roof Drains, Exhaust Vents, HVAC Units, etc., or when there are a Large Amount of Roof Top Obstructions such as: Pipes, Duct Work, Electrical Wires, Hoses, etc.	%		
22.21	<b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 2 STORIES EQUAL TO OR LESS THAN 5 STORIES</b> Multiplier Applied when the Roof Height Exceeds 2 Stories, but is Equal to or Less than 5 Stories. Situation Creates the Need for Additional Safety Protection and Increased Crane Work.	%		
22.22	<b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 5 STORIES LESS EQUAL TO OR LESS THAN 10 STORIES</b> Multiplier Applied when the Roof Height Exceeds 5 Stories, but is Equal to or Less than 10 Stories. Situation Creates the Need for Additional Safety Protection and Increased Crane Work and Crane Equipment	%		
22.23	<b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 10 STORIES</b> Multiplier Applied when the Roof Height Exceeds 10 Stories. Situation Creates the Need for Additional Safety Protection and Increased Crane Work and Crane Equipment	%		
22.31	<b>MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE OR HAS GREATER THAN 4/12 SLOPE</b> Multiplier Applied when Roof Area is not Boxed-Shaped, Contains Multiple Sharp Angles and/or Curves, or the Roof has a Greater than 4/12 Slope, Very Steep.	%		
22.32	<b>MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE OR HAS GREATER THAN 8/12 SLOPE</b> Multiplier Applied when Roof Area is not Boxed-Shaped, Contains Multiple Sharp Angles and/or Curves, or the Roof has a Greater than 8/12 Slope, Very Steep.	%		
22.41	<b>MULTIPLIER - ROOF SIZE IS LESS THAN 1,000 SF</b> Multiplier Applied when Roof Size is Abnormally Small Less than 1,000 SF Situation Creates the Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor to be Allocated Across a Very Small Roof Area Causing Fixed Costs to be Large Portion of Job Costs	%		
22.42	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF</b> Multiplier Applied when Roof Size is Less than 2,000 SF, but Greater than 1,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Not Completely Absorbed Across Roof Area	%		
22.43	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF</b> Multiplier Applied when Roof Size is Less than 3,000 SF, but Greater than 2,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Not Completely Absorbed Across Roof Area	%		
22.44	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF</b> Multiplier Applied when Roof Size is Less than 5,000 SF, but Greater than 3,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Not Completely Absorbed Across Roof Area	%		
22.45	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF</b> Multiplier Applied when Roof Size is Less than 10,000 SF, but Greater than 5,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Not Completely Absorbed Across Roof Area	%		

Line Item		Unit	\$ per Unit	ROOF Systems Material
22.46	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF</b> Multiplier Applied when Roof Size is Less than 20,000 SF, but Greater than 10,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Not Completely Absorbed Across Roof Area	%		
22.47	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 30K SF LESS THAN 50K SF</b> Multiplier Applied when Roof Size is Less than 50,000 SF, but Greater than 30,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Spread Amongst a Larger Roof Area	%		
22.48	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 50K SF LESS THAN 100K SF</b> Multiplier Applied when Roof Size is Less than 100,000 SF, but Greater than 50,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Spread Amongst a Larger Roof Area	%		
22.49	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 100K SF LESS THAN 200K SF</b> Multiplier Applied when Roof Size is Less than 200,000 SF, but Greater than 100,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Spread Amongst a Larger Roof Area	%		
22.50	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 200K SF.</b> Multiplier Applied when Roof Size is Greater than 200,000 SF Fixed Costs: Equipment, Mobilization, Demobilization, Disposal, & Set-Up Labor are Spread Amongst a Very Large Roof Area	%		

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

<b>Miscellaneous Line Items</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.01	Pressure Wash to Clean Horizontal Surfaces	SF	
23.02	Pressure Wash to Clean Vertical Surfaces	SF	
23.03	Blow-Off Surface Area with Portable Blower to Remove Moisture	SF	
23.04	Spud and Scrape Aggregate from Roof Surface Asphalt BUR (Size Reference: 100' X 12")	SF	
23.05	Spud and Scrape of Aggregate from Roof Surface Coal Tar BUR (Size Reference: 100' X 12")	SF	
23.06	Remove & Dispose Loose Aggregate from Roof Surface (Wet Vac)	SF	
23.07	Power Broom Roof Surface	SF	
23.08	Remove & Dispose Ballast from Roof Surface	SF	
23.09	Remove Ballast from Roof Surface & Save for Reuse	SF	
23.10	Apply Coating (Paint) to Horizontal Surface	SF	
23.11	Apply Coating (Paint) to Vertical Surface	SF	
23.12	Caulking: Remove Existing Caulking & Clean and Prime Joint	LF	
23.13	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter	LF	
23.14	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF	
23.15	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/4" Diameter	LF	
23.16	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1" Diameter	LF	
<b>Vapor Barriers</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.17	Install Vapor Barrier, 2 Plies of Type IV Fiberglass Felts, Applied in Type IV Asphalt (or appropriate type)	SF	
23.18	Install Vapor Barrier, 2 Plies of Type IV Fiberglass Felts, Applied with Asphalt Over DensDeck on a Metal Deck	SF	
<b>Masonry section</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.19	Remove and Reset Bricks; 1-50 SF	SF	
23.20	Remove and Reset Bricks; Over 50 SF	SF	
23.21	Remove and Reset Blocks	SF	
23.22	Remove and Reset Coping Stones	Each	
23.23	Remove Bricks, Blocks, Coping Stones; 1-50 SF	SF	
23.24	Remove Bricks, Blocks, Coping Stones; Over 50 SF	SF	
<b>Brick, block and brick exterior wall maintenance, repair and application of protective coatings.</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.25	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise)	Each	
23.26	Selective Demolition of Brick Masonry Units with perimeter saw cutting - swing stage (high-rise)	SF	
23.27	Selective Demolition of Brick Masonry Units with perimeter saw cutting - scaffolding (low-rise)	SF	
<b>Selective Demolition of Mortar Joint with Perimeter Saw cutting – Swing stage (high-rise)</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.28	Removal of existing mortar ( 1/2" wide by 3/4" depth)	SF	
23.29	Removal of existing mortar (3/4" wide by 3/4" depth)	SF	
23.30	Removal of existing mortar (1/2" wide by 1 1/2" depth)	SF	
23.31	Removal of existing mortar (3/4" wide by 1 1/2" depth)	SF	
<b>Selective Demolition of Mortar Joint with Perimeter Saw cutting – Scaffolding (low-rise)</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.32	Removal of existing mortar ( 1/2" wide by 3/4" depth)	SF	
23.33	Removal of existing mortar (3/4" wide by 3/4" depth)	SF	
23.34	Removal of existing mortar (1/2" wide by 1 1/2" depth)	SF	
23.35	Removal of existing mortar (3/4" wide by 1 1/2" depth)	SF	
<b>New Pointing Work – Swing stage (High-rise)</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.36	Furnish and install new mortar (1/2" wide by 3/4" depth)	SF	
23.37	Furnish and install new mortar (3/4" wide by 3/4" depth)	SF	
23.38	Furnish and install new mortar (1/2" wide by 1 1/2" depth)	SF	
23.39	Furnish and install new mortar (3/4" wide by 1 1/2" depth)	SF	
<b>New Pointing Work – Scaffolding (Low-rise)</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.40	Furnish and install new mortar (1/2" wide by 3/4" depth)	SF	
23.41	Furnish and install new mortar (3/4" wide by 3/4" depth)	SF	
23.42	Furnish and install new mortar (1/2" wide by 1 1/2" depth)	SF	
23.43	Furnish and install new mortar (3/4" wide by 1 1/2" depth)	SF	
<b>Removal of Roof Parapets – Swing stage (High-rise)</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.44	Removal of parapet wall (24" high)	SF	
23.45	Removal of parapet wall (42" high)	SF	
23.46	Removal of parapet wall (24" high)	SF	
23.47	Removal of parapet wall (42" high)	SF	
<b>Removal of Roof Parapets – Scaffolding (Low-rise)</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.48	Removal of brick parapet wall (24" high)	SF	



**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

23.49	Removal of brick parapet wall (42" high)	SF	
23.50	Removal of brick parapet wall (24" high)	SF	
23.51	Removal of brick parapet wall (42" high)	SF	

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

	<b>Reconstruction of Brick Masonry Roof Parapets – Swing stage (High-rise)</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.52	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.53	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
23.54	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.55	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
	<b>Reconstruction of Brick Masonry Roof Parapets – Scaffolding (low-rise)</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.56	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.57	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
23.58	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.59	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
	<b>New Through wall Flashings – Swing stage (high-rise)</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.60	Removal of 4 courses brick wall w/Temporary Shoring	SF	
23.61	Removal and replacement of steel lintel	SF	
23.62	Furnish and install new flashings (Bituthane)	SF	
23.63	Furnish and install new flashings (Lead coated copper)	SF	
23.64	Furnish and Install New Brick Masonry w/Weep Holes and Screens	SF	
23.65	Parging and waterproofing of back-up wall	SF	
	<b>New Through wall Flashings – Scaffolding (low-rise)</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.66	Removal of 4 courses brick wall w/Temporary Shoring	SF	
23.67	Removal and replacement of steel lintel	SF	
23.68	Furnish and install new flashings (Bituthane)	SF	
23.69	Furnish and install new flashings (Lead coated copper)	SF	
23.70	Furnish and Install New Brick Masonry w/Weep Holes and Screens	SF	
23.71	Parging and waterproofing of back-up wall	SF	
	<b>Brick Masonry/Stone Stabilization</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.72	Drilling and installation of new friction pins with mortar cap	SF	
23.73	Drilling and installation of new friction pins for lime stone with mortar cap	SF	
	<b>Limestone Removal and Replacement.</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.74	Removal of existing deteriorated architectural limestone	SF	
23.75	Furnish and install new limestone replacement.	SF	
23.76	Replacement of stone with lightweight polymer resin to match	SF	
23.77	Minor patching of existing stone to match	SF	
	<b>Terra Cotta Removal and Replacement.</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.78	Removal of existing deteriorated architectural Terra Cotta	SF	
23.79	Furnish and install new Terra Cotta replacement.	SF	
23.80	Replacement of stone with lightweight polymer resin to match	SF	
23.81	Minor patching of existing stone to match	SF	
	<b>Roof Coping Stones.</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.82	Removal of existing roof coping stones (16 inches)	SF	
23.83	Removal and parging of existing substrate	SF	
23.84	Furnish and install new lead coated copper flashings	SF	
23.85	Drilling and epoxy grouting stainless steel pins	SF	
23.86	Reinstallation of existing stones with cleaning	SF	
23.87	Furnish and install new coping stones	SF	
23.88	Furnish and install new sealants between coping stones.	SF	
23.89	Cleaning and coating of existing stones.	SF	
	<b>CMU Backup Wall Repair and Waterproofing.</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.90	Replacement of Deteriorated CMU Back-up	SF	
23.91	Parging of CMU back-up wall	SF	
23.92	Waterproofing of back-up wall	SF	
	<b>Brick Masonry Piers</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.93	Isolated repair of existing masonry piers (removal and replacement)	SF	
23.94	Reconstruction of isolated areas of pier	SF	
23.95	Construction of new masonry piers (16" x 16")	SF	
	<b>Crack Repair</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.96	Drill and install new stainless steel pins.	Each	
23.97	Grouting of open cracks	SF	
23.98	Replacement of cracked bricks	SF	
	<b>Concrete Removal</b>	<b>UNIT</b>	<b>\$ per Unit</b>
23.99	Perimeter saw cutting	SF	
23.100	Removal of existing concrete (2" depth).	SF	
23.101	Removal of existing concrete (3.5" depth).	SF	

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

<b>New Concrete and Coating</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.102	Placement of new high strength patching mortar (2" depth)	SF	
23.103	Placement of new high strength patching mortar (3.5" depth).	SF	
23.104	Cleaning and coating of concrete surface.	SF	
23.105	Sidewalk Bridging.	SF	
23.106	Temporary Roof Protection	SF	
<b>Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.107	Install & Connect new 4" roof drain & Flashing; Excluding Plumbing	EA	
23.108	Install & Connect new 6" roof drain & Flashing; Excluding Plumbing	EA	
23.109	Install & Connect new 8" roof drain & Flashing; Excluding Plumbing	EA	
23.110	Pitch pocket, 24 gauge, GI, 12" x 12", with storm collar, hemmed to outside, soldered corners and seams	EA	
23.111	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	EA	
23.112	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	EA	
23.113	Plumbing stack, 16 oz. copper flashing	EA	
23.114	Plumbing stack, 24 gad Zinc flashing	EA	
23.115	Plumbing stack, 4# lead flashing	EA	
23.116	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight	EA	
23.117	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners	EA	
23.118	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit	EA	
23.119	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit	EA	
23.120	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds	EA	
23.121	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit	EA	
23.122	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight	EA	
23.123	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit	EA	
23.124	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler	EA	
23.125	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	
23.126	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit	EA	
23.127	Provide a cast iron drain strainer	EA	
23.128	Reflash existing roof drain	EA	
23.129	Scupper, .050 Aluminum, match existing configuration	LF	
23.130	Scupper, 16 oz Copper, match existing configuration	LF	
23.131	Scupper, 20 gad Stainless Steel, match existing configuration	LF	
23.132	Sleeper Cap - 24 Gad Galvanized	LF	
<b>Roof Accessories</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.133	Walkway Pads		
23.134	30" wide roll goods, tape attached	EA	
23.135	30" wide roll, hot asphalt attached	EA	
23.136	30" wide roll, adhesive attached	EA	
23.137	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	
23.138	Roof ladder, security ladder guard	EA	
23.139	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code	EA	
23.140	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	EA	
23.141	Roof ventilators	EA	
23.142	Termination bar, aluminum, 1/4" x 1"	LF	
<b>Common Roof Repair Items</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.143	3-Course Application; Mastic-Mesh-Mastic; 15" Wide Total; 12" Wide Mesh	LF	
23.144	3-Course Application; Mastic-Mesh-Mastic; 9" Wide Total; 6" Wide Mesh	LF	
23.145	3-Course Application; Urethane-Reinforcement-Urethane (< 500 SF)	SF	
23.146	3-Course Application; Urethane-Reinforcement-Urethane (> 500 SF)	SF	
23.147	Install Self-Adhering Cap Sheet Over Repair Area (< 500 SF)	SF	
23.148	Install Self-Adhering Cap Sheet Over Repair Area (> 500 SF)	SF	
23.149	Torch Cap Sheet Over Repair Area (< 500 SF)	SF	
23.150	Torch Cap Sheet Over Repair Area (> 500 SF)	SF	
23.151	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (< 500 SF)	SF	
23.152	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (> 500 SF)	SF	
<b>Equipment</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.153	Forklift/Manlift Equipment Rental	DAY	
23.154	Crane Equipment Rental - up to 80'	DAY	
23.155	Crane Equipment Rental - up to 150'	DAY	
23.156	Manlift per day	DAY	

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

23.157	Skytrack	DAY	
23.158	Additional Equipment (rental) % off published price	%	
<b>Other Services</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.159	"As-Built" Drawings Upon Project Completion	EA	
23.160	Demobilization - Pre-Planned or Additional Un-planned	EA	
23.161	Dew Point Calculations	EA	
23.162	Energy Payback Calculations	EA	
23.163	Project Life-Cycle Cost Calculation	EA	
23.164	Final Walkthrough with Report	EA	
23.165	On-Site Quality Control Inspections with Report from Manufacturer's Rep - 3 Days per Week	Week	
23.166	R.A. or P.E. Reviewed and Stamped Shop Drawings	EA	
23.167	R.A. or P.E. Reviewed and Stamped Specifications	EA	
23.168	Project Design Assistance - Hourly Rate for Consultants with Architect of Record	HR	
23.169	Remobilization - Pre-Planned or Additional Un-planned	EA	
23.170	Roof Asset Management with Reports and Budgeting	EA	
<b>Additional repair options</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.171	Option 1 - Estimating repairs can be done on a labor and material cost plus basis	%	
23.172	Option 2 R.S. Means	%	
<b>Catalog Pricing</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.173	Please provide a price list with your complete material catalog(s) - A manufacturers catalog can be used. You may provide a net-pricer or a catalog with a discount.		
<b>Green Roofing</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.174	Please provide your green environmentally friendly roofing options, please provide as much information as possible to include line items necessary to complete a green roof		

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Sheet Metal Accessories Covered Under these Pricing Tables:**

- Drip Edge
- Gravel Stop
- Gutters, Straps, Hangers & Fasteners
- Coping
- Surface Mounted Counter Flashing
- Reglet Mounted Counter Flashing
- Skirt Flashing
- Expansion Joints
- Miscellaneous Metal Fabricated Details

**Aluminum**

Size / Gauge	.040	.050	.063	.080
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Sheet Metal Accessories Covered Under these Pricing Tables:**

- Drip Edge
- Gravel Stop
- Gutters, Straps, Hangers & Fasteners
- Coping
- Surface Mounted Counter Flashing
- Reglet Mounted Counter Flashing
- Skirt Flashing
- Expansion Joints
- Miscellaneous Metal Fabricated Details

**Stainless Steel & Copper**

Size / Gauge / Thickness	SS 24 Ga	SS 26 Ga	Copper 16 oz	Copper 20 oz
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Sheet Metal Accessories Covered Under these Pricing Tables:**

- Drip Edge
- Gravel Stop
- Gutters, Straps, Hangers & Fasteners
- Coping
- Surface Mounted Counter Flashing
- Reglet Mounted Counter Flashing
- Skirt Flashing
- Expansion Joints
- Miscellaneous Metal Fabricated Details

**Kynar Coated Steel**

Size / Gauge	20 Ga	22 Ga	24 Ga	26 Ga
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
<b>Price Per Bend</b>				

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Sheet Metal Accessories Covered Under these Pricing Tables:**

- Drip Edge
- Gravel Stop
- Gutters, Straps, Hangers & Fasteners
- Coping
- Surface Mounted Counter Flashing
- Reglet Mounted Counter Flashing
- Skirt Flashing
- Expansion Joints
- Miscellaneous Metal Fabricated Details

**Galvanized Steel**

Size / Gauge	20 Ga	22 Ga	24 Ga	26 Ga
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				



**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Caulking Chart pricing per Linear Foot Installed**

**2 Component Epoxied Urethane Compound**

<b>Joint Size</b>	<b>1/8"</b>	<b>3/16"</b>	<b>1/4"</b>	<b>5/16"</b>	<b>3/8"</b>	<b>7/16"</b>	<b>1/2"</b>	<b>5/8"</b>	<b>3/4"</b>	<b>7/8"</b>	<b>1"</b>	<b>1-1/8"</b>	<b>1-1/4"</b>
<b>1/8"</b>													
<b>3/16"</b>													
<b>1/4"</b>													
<b>5/16"</b>													
<b>3/8"</b>													
<b>7/16"</b>													
<b>1/2"</b>													
<b>5/8"</b>													
<b>3/4"</b>													
<b>7/8"</b>													
<b>1"</b>													
<b>1-1/8"</b>													
<b>1-1/4"</b>													

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Caulking Chart pricing per Linear Foot Installed**

**1 Component Polyurethane**

<b>Joint Size</b>	<b>1/8"</b>	<b>3/16"</b>	<b>1/4"</b>	<b>5/16"</b>	<b>3/8"</b>	<b>7/16"</b>	<b>1/2"</b>	<b>5/8"</b>	<b>3/4"</b>	<b>7/8"</b>	<b>1"</b>	<b>1-1/8"</b>	<b>1-1/4"</b>
<b>1/8"</b>													
<b>3/16"</b>													
<b>1/4"</b>													
<b>5/16"</b>													
<b>3/8"</b>													
<b>7/16"</b>													
<b>1/2"</b>													
<b>5/8"</b>													
<b>3/4"</b>													
<b>7/8"</b>													
<b>1"</b>													
<b>1-1/8"</b>													
<b>1-1/4"</b>													

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Caulking Chart pricing per Linear Foot Installed**

**1 Component Silicone Rubber**

<b>Joint Size</b>	<b>1/8"</b>	<b>3/16"</b>	<b>1/4"</b>	<b>5/16"</b>	<b>3/8"</b>	<b>7/16"</b>	<b>1/2"</b>	<b>5/8"</b>	<b>3/4"</b>	<b>7/8"</b>	<b>1"</b>	<b>1-1/8"</b>	<b>1-1/4"</b>
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**PRICING FORM FOR ROOFING PRODUCTS AND SERVICES**

**Line Item Multiplier to Adjust Labor Costs Based Upon the  
Prevailing Wage Rate. Prevailing wage found at  
<http://www.wdol.gov/dba.aspx#0>**

Journeyman Prevailing Wage Rate	Multiplier for Prevailing Wage Rates	
	Roofer	Sheet Metal
\$10.00		
\$12.50		
\$15.00		
\$17.50		
\$20.00		
\$22.50		
\$25.00		
\$27.50		
\$30.00		
\$32.50		
\$35.00		
\$37.50		
\$40.00		
\$42.50		
\$45.00		
\$47.50		
\$50.00		
\$52.50		
\$55.00		
\$57.50		
\$60.00		
\$62.50		
\$65.00		
\$67.50		
\$70.00		
\$72.50		
\$75.00		
\$77.50		
\$80.00		
\$82.50		
\$85.00		
\$87.50		
\$90.00		
\$92.50		
\$95.00		
\$97.50		
\$100.00		
\$102.50		
\$105.00		
\$107.50		
\$110.00		
\$112.50		
\$115.00		
\$117.50		
\$120.00		