



State of Oklahoma
Office of Management and Enterprise Services
Management
Construction and Properties Department

Capital Assets

BID TAB SHEET

Project Name:	State Of Oklahoma Roof Asset Management Program	19026
Project Location:	Area 5 per map in Project Manual	8/23/2018
Using Agency:	OMES/CAM Construction & Properties	Manny Sauviller

AREA 5	Bidder's Name:	OKLAHOMA ROOFING & SHEET METAL									
	City, State:	OKC, OK									
	Notes:										
	ADDENDA:	0	DAYS	TBD	AFFIDAVITS	X	BONDS	X			
	TOTAL PRICE:	2,943,107.50									

2.1	WATERPROOFING & DAMPPROOFING	Unit	UNIT PRICE	EST. QTY	
2.1 10 100	Pressure cleaning.	SF	\$0.24	10,000	\$2,400.00
2.1 10 150	Bio-Algaecide, one application	SF	\$0.50	10,000	\$5,000.00
2.1 10 200	Waterproofing, asphalt emulsion coating, brush applied, per coat.	SF	\$0.64	1,000	\$640.00
2.1 10 250	Penetrating sealer siloxane water repellant	SF	\$0.87	750	\$652.50
2.1 10 300	Waterproofing, rubberized coating, brush applied, per coat.	SF	\$0.28	1,000	\$280.00
2.1 10 400	Waterproofing, vinyl/acrylic, brush applied (smooth), per coat.	SF	\$2.68	1,000	\$2,680.00
2.1 10 500	Waterproofing, non-pigmented synthetic resin, sprayed on, 1 coat.	SF	\$2.42	1,000	\$2,420.00
2.1 10 600	Waterproofing, premium clear cladding 1 coat flooded	SF	\$2.55	1,000	\$2,550.00
2.1 10 700	Waterproofing, above & below grade per coat	SF	\$4.55	1,000	\$4,550.00
2.1 10 750	Waterproofing cold fluid applied brush, roll or spray	SF	\$4.52	100	\$452.00
2.1 10 800	Waterproofing, Elastomeric Joint Sealant 1/4" by 1/4"	LF	\$4.22	500	\$2,110.00
2.1 10 801	Urethane Injection at 1" expansion joint in wall	LF	\$55.00	1,000	\$55,000.00
2.1 10 850	Vehicular urethane aliphatic traffic coating	SF	\$6.55	500	\$3,275.00
2.1 10 900	Masonry cleaning, walls	SF	\$1.20	5,000	\$6,000.00
2.1 15 450	Bentonite Geotextile waterproofing	SF	\$7.85	100	\$785.00
2.1 20 100	Caulking, remove existing, clean & prime joint.	LF	\$2.05	5,000	\$10,250.00
2.1 20 200	Caulking, epoxy urethane 1/4" x 1/4" compound, 2 component, in place.	LF	\$1.21	1,000	\$1,210.00
2.1 20 300	Caulking, polyurethane, 1/4" x 1/4" 1 component, in place.	LF	\$0.55	1,000	\$550.00
2.1 20 400	Caulking, polyurethane, 1/2" x 1/2" 1 component, in place.	LF	\$0.57	1,000	\$570.00
2.1 20 500	Caulking, silicone rubber, 1/4" x 1/4" in place.	LF	\$1.25	1,000	\$1,250.00
2.1 20 600	Caulking, silicone rubber, 3/4" x 3/8" in place.	LF	\$1.28	1,000	\$1,280.00
2.1 20 650	Preformed silicone faced 1" expansion joint	LF	\$57.40	10	\$574.00
2.1 20 700	Preformed silicone faced 2" expansion joint.	LF	\$82.80	10	\$828.00
2.1 30 100	Backer rod, polyethylene, 3/8" diameter installed in pre-prepared opening.	LF	\$0.10	2,000	\$200.00
2.1 30 200	Backer rod, polyethylene, 1/2" diameter installed in pre-prepared opening.	LF	\$0.13	2,000	\$260.00

2.1 WATERPROOFING & DAMPPROOFING (Continued)				Unit	UNIT PRICE	EST. QTY	
2.1	30	300	Backer rod, polyethylene, 3/4" diameter installed in pre-prepared opening.	LF	\$0.20	2,000	\$400.00
2.1	30	400	Backer rod, polyethylene, 1" diameter installed in pre-prepared opening.	LF	\$0.35	2,000	\$700.00
2.1	40	100	Building paper, asphalt felt sheathing paper, 30 # in place.	SF	\$0.33	15,000	\$4,950.00
2.1	40	200	Building paper, red rosin paper, 5 sq. rolls, 4 lbs. per sq., in place.	SF	\$0.19	15,000	\$2,850.00
2.1	50	100	Vapor retarder, 2 ply inorganic, applied in Type III asphalt, in place.	SF	\$1.40	1,000	\$1,400.00
2.1	60	100	Prime deck using asphalt primer	SF	\$0.32	5,000	\$1,600.00
2.2 INSULATION				Unit	UNIT PRICE	EST. QTY	
2.2	10	100	Demolition of roof insulation, per in. of depth.	SF	\$0.38	100,000	\$38,000.00
2.2	10	200	Demolition of lightweight cementitious fill, per inch of depth.	SF	\$0.20	10,000	\$2,000.00
2.2	20	100	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 1-1/2" thick, R-10.0, applied in Type IV asphalt.	SF	\$1.38	10,000	\$13,800.00
2.2	20	200	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 2-1/2" thick, R-15.30, applied in Type IV asphalt.	SF	\$1.84	50,000	\$92,000.00
2.2	20	300	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 1 1/2" thick, R-10.0, mechanically fastened.	SF	\$1.38	10,000	\$13,800.00
2.2	20	400	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 2 1/2" thick, R-15.3, mechanically fastened.	SF	\$1.67	50,000	\$83,500.00
2.2	30	100	Roof deck insulation, fiberboard in 4'x 4' or 4' X 8' sheets, 1/2" thick, R-1.39, applied in Type IV asphalt.	SF	\$1.40	10,000	\$14,000.00
2.2	30	200	Roof deck insulation, fiberboard in 4'x 4' sheets, 1" thick, R-2.78, applied in Type IV asphalt.	SF	\$1.44	10,000	\$14,400.00
2.2	30	300	Roof deck insulation, fiberboard in 4'x 4' sheets, 1/2" thick, R-1.39 mechanically fastened	SF	\$0.45	10,000	\$4,500.00
2.2	30	400	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, mechanically fastened.	SF	\$0.76	10,000	\$7,600.00
2.2	30	500	Roof deck insulation, 4' by 9'by 1/2" adhered or fastened, equiv. to Dens Deck	SF	\$0.85	10,000	\$8,500.00
2.2	30	600	Roof deck insulation, 4' by 9' by 1/2" adhered or fastened, equiv. to Dens Deck	SF	\$1.03	10,000	\$10,300.00
2.2	40	100	Roof deck insulating concrete, lightweight air entrained pre-generated cellular concrete mixed with Portland, R-value depending on thickness, per in. of depth per sf.	SF	\$1.50	10,000	\$15,000.00
2.2	50	100	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, applied in Type IV asphalt, per inch of depth.	SF	\$1.11	10,000	\$11,100.00
2.2	50	200	Roof deck insulation, perlite, tapered 1/8" applied in asphalt, per SF, per inch of thickness	SF	\$1.30	10,000	\$13,000.00
2.2	60	100	Roof deck insulation, cold insulation adhesive, per layer per square foot	SF	\$0.30	10,000	\$3,000.00
2.2	60	200	Roof deck insulation, Foam Adhesive per layer per square foot	SF	\$0.49	10,000	\$4,900.00
2.3 SHINGLES, SHAKES & ROOFING TILES				Unit	UNIT PRICE	EST. QTY	
2.3	10	100	Remove composition shingles and felts. to decking (for 1 layer of shingles and felt)	SF	\$0.38	50,000	\$19,000.00
2.3	10	200	Remove roof tiles of clay, concrete, or slate for 1 layer of tiles and felt	SF	\$0.55	5,000	\$2,750.00
2.3	10	300	Remove wood shingles or shakes for 1 layer of wood shingles/shakes and felt	SF	\$0.60	5,000	\$3,000.00
2.3	20	100	Shingles, fiberglass, Class A, 25-year standard strip shingles.	SF	\$1.63	5,000	\$8,150.00
2.3	20	200	Shingles, fiberglass, Class A, 30-year laminated multi-layered shingles.	SF	\$2.04	25,000	\$51,000.00
2.3	20	300	Shingles, fiberglass, Class A, 40-year premium laminated multi-layered shingles	SF	\$2.04	2,000	\$4,080.00
2.3	30	100	Replace roof tiles (clay, slate)	EA	\$30.00	50	\$1,500.00
2.3	30	200	Multi-Width Slate Polymer Tile	SF	\$14.89	50	\$744.50
2.3	40	100	No. 1 Blue label sawn and kiln-dried Western red cedar shingles, 16"length. Fire-retardant pressure treated units.	SF	\$3.95	2,000	\$7,900.00
2.3	40	200	No. 1 Blue label taper sawn and kiln-dried Western red cedar shakes, 24"length with 5/8" butt. Fire-retardant pressure treated units.	SF	\$4.00	2,000	\$8,000.00
2.3	40	300	Ice and water shield underlayment	SF	\$1.01	2,000	\$2,020.00
2.3	50	100	Additional cost for over 9/12 pitch	SF	\$0.15	5,000	\$750.00
2.4 ROOFING & ROOF RESTORATION				Unit	UNIT PRICE	EST. QTY	
2.4	10	100	Remove built-up roofing, multi-ply with aggregate, (1 layer 4-ply built-up roofing).	SF	\$0.39	100,000	\$39,000.00
2.4	10	110	Spud embedded aggregate.	SF	\$0.40	25,000	\$10,000.00

2.4	ROOFING & ROOF RESTORATION (Continued)	Unit	UNIT PRICE	EST. QTY	
2.4 10 120	Sweep loose aggregate from membrane	SF	\$0.30	25,000	\$7,500.00
2.4 10 130	Wet vacuum loose aggregate from membrane	SF	\$0.12	25,000	\$3,000.00
2.4 10 200	Remove single ply roof, ballast and membrane only.	SF	\$0.06	25,000	\$1,500.00
2.4 10 210	Remove single ply roof, membrane (partial/fully adhered) only.	SF	\$0.03	25,000	\$750.00
2.4 10 220	Remove single ply roof, membrane(mechanically attached) only.	SF	\$0.08	25,000	\$2,000.00
2.4 10 300	Remove copper sheet roofing.	SF	\$0.18	10,000	\$1,800.00
2.4 10 400	Flood coat and gravel surface, asphalt	SF	\$0.91	50,000	\$45,500.00
2.4 10 500	Flood coat and gravel surface, coal tar pitch	SF	\$0.91	10,000	\$9,100.00
2.4 10 600	Flood coat and gravel surface, Modified Cold process coal tar adhesive equal to Garland Black Knight Cold.	SF	\$2.19	5,000	\$10,950.00
2.4 10 700	Flood coat with white marble and white low-VOC adhesive, Energy Star	SF	\$2.20	5,000	\$11,000.00
2.4 20 100	3 ply fiberglass, Type IV asphalt.	SF	\$1.45	25,000	\$36,250.00
2.4 20 150	3 ply type IV TC fiberglass felt, coal tar pitch, 10 year warranty	SF	\$1.46	25,000	\$36,500.00
2.4 30 100	4 ply Type IV fiberglass felt, Type IV asphalt, 20 year warranty	SF	\$2.54	25,000	\$63,500.00
2.4 30 200	4 ply, type IV TC fiberglass felt, coal tar pitch, 20 year warranty	SF	\$1.71	25,000	\$42,750.00
2.4 30 300	3 ply type VI fiberglass felts, 1 ply polyester in asphalt, equiv. to Hickman 101	SF	\$1.90	25,000	\$47,500.00
2.4 30 400	2 ply modified system with energy star cap Ply per square foot	SF	\$2.92	25,000	\$73,000.00
2.4 30 500	2 ply modified bitumen roof system with Bottom ply in asphalt cap ply in cold process adhesive. Equal to Siplast 20/30 FR.	SF	\$5.21	25,000	\$130,250.00
2.4 30 600	2 ply high performance modified bitumen roof system with asphalt flood coat & gravel surfacing 30 Year Warranty	SF	\$5.94	5,000	\$29,700.00
2.4 30 700	2 ply high performance modified bitumen roof EQUAL TO Garland Stress Ply Plus	SF	\$5.59	5,000	\$27,950.00
2.4 40 100	Siplast 20/30FR with Eco Active Noxite Granules. Pollutant absorbing, 20 year system or equal.	SF	\$5.25	2,000	\$10,500.00
2.4 40 200	3 plies Type 6 in Type 3 asphalt w/white Mod Bit w/white adhesive Energy Star, Fire Rated	SF	\$2.91	10,000	\$29,100.00
2.4 40 300	3 ply trilaminate BUR in low-solvent/ Low-odor adhesive with gravel	SF	\$2.23	10,000	\$22,300.00
2.4 50 100	Built-up roof, 2 ply Type IV fiberglass 1 ply modified bitumen sheet, Type IV asphalt, 10 year warranty	SF	\$2.38	25,000	\$59,500.00
2.4 50 200	Built-up roof, 1 ply modified bitumen base sheet, 1 ply modified bitumen cap sheet, Type IV asphalt, 10 year warranty	SF	\$2.63	25,000	\$65,750.00
2.4 50 225	Built-up roof, added cost mechanically attached G2 fiberglass base sheet	SF	\$0.31	25,000	\$7,750.00
2.4 50 250	Built-up roof, added cost Type IV asphalt attached G2 fiberglass base sheet	SF	\$0.24	25,000	\$6,000.00
2.4 50 280	Venting base sheet, installed in asphalt Per square foot	SF	\$0.84	25,000	\$21,000.00
2.4 50 285	Venting base sheet, mechanically attached Per square foot	SF	\$1.04	25,000	\$26,000.00
2.4 50 300	Built-up roof, premium asphalt equiv. to Garland modified coal tar pitch Millennium, added cost per ply per square foot.	SF	\$10.86	5,000	\$54,300.00
2.4 50 310	Built-up roof system, 4" hail total system 20. Two plies mod bit with flood and gravel. Year total system warranty. Labor and material. Equal to Siplast 4" hail NDL.	SF	\$6.96	5,000	\$34,800.00
2.4 50 320	Fluid Applied Reinforced Roof System Two base coats with reinforcing, three finish coats, 20 year warranty. Equal to Hydro Stop system.	SF	\$3.22	15,000	\$48,300.00
2.4 50 400	Built-up roof, Perma Mop asphalt, added cost per ply per square foot.	SF	\$0.30	25,000	\$7,500.00
2.4 50 450	Built-up roof, Demi Mop asphalt, added cost per ply per square foot.	SF	\$0.23	25,000	\$5,750.00
2.4 50 500	Built-up roof, elastomeric modified asphalt, elongation 128 – 150 percent, added cost per ply per sq ft	SF	\$0.30	25,000	\$7,500.00
2.4 50 501	SBS Modified Bitumen Cap Sheet Overlay, Cold Applied, Hot Air Welded Laps	SF	\$1.99	25,000	\$49,750.00
2.4 50 550	Cold process adhesive added cost per ply, per square foot	SF	\$0.30	15,000	\$4,500.00
2.4 50 600	Cold process adhesive, added cost per ply, /sq ft, low fume/solvent equiv. to Siplast SFT	SF	\$0.59	15,000	\$8,850.00
2.4 50 650	Built-up roof, surface with cold asphaltic adhesive and gravel.	SF	\$0.26	15,000	\$3,900.00
2.4 50 700	Built-up roofing, surface with emulsion and granules.	SF	\$0.22	10,000	\$2,200.00
2.4 50 750	Built-up roof, surface with emulsion and aluminum coating.	SF	\$0.19	5,000	\$950.00

2.4 ROOFING & ROOF RESTORATION (Continued)		Unit	UNIT PRICE	EST. QTY	
2.4 50 800	Energy Star coating over smooth surface roofing.	SF	\$1.95	5,000	\$9,750.00
2.4 50 850	Built-up roof, surface with aluminum coating or paint	SF	\$0.33	10,000	\$3,300.00
2.4 60 100	Built-up roofing repairs; fibered asphalt mastic (trowel grade) with fiberglass mesh.	SF	\$2.04	5,000	\$10,200.00
2.4 60 200	Built-up roofing repairs; fibered asphalt mastic (brush grade) with fiberglass mesh.	SF	\$0.10	5,000	\$500.00
2.4 60 300	Built-up roofing repairs; pitch based mastic with fiberglass mesh	SF	\$0.12	5,000	\$600.00
2.4 60 400	Built-up roofing repairs, elastomeric mastic with fiberglass mesh.	SF	\$0.43	5,000	\$2,150.00
2.4 70 100	Single-ply roof, EPDM, 60 mils, mechanically fastened.	SF	\$1.71	10,000	\$17,100.00
2.4 70 200	Single-ply roof, EPDM, 60 mils, fully adhered.	SF	\$1.88	10,000	\$18,800.00
2.4 70 300	Single-ply roof, EPDM 120 mils, fully adhered, fleece back	SF	\$1.94	10,000	\$19,400.00
2.4 70 350	Single-ply roof, TPO 60 mils reinforced, fully adhered	SF	\$3.00	10,000	\$30,000.00
2.4 70 400	Single-ply roof, TPO 80 mils reinforced, fully adhered	SF	\$3.85	10,000	\$38,500.00
2.4 70 420	Single Ply Roof, TPO, prefabricated pipe boot flashing	EA	\$40.00	50	\$2,000.00
2.4 70 500	Single-ply roof, PVC 60 mils, fully adhered	SF	\$2.42	5,000	\$12,100.00
2.4 80 100	Flashing membrane, aluminum, foil clad, modified bitumen membrane.	SF	\$5.36	5,000	\$26,800.00
2.4 80 200	Flashing membrane, 1-ply polyester and 1 ply modified bitumen.	SF	\$3.93	5,000	\$19,650.00
2.4 80 300	Flashing membrane, base ply and granular surface modified cap	SF	\$5.57	5,000	\$27,850.00
2.4 80 400	Flashing membrane, PVC.	SF	\$6.10	2,000	\$12,200.00
2.4 80 500	Premium Flashing membrane, equiv. to Hickman Pikaply MS-4	SF	\$2.70	2,000	\$5,400.00
2.4 80 600	Flashing membrane, EPDM.	SF	\$7.06	2,000	\$14,120.00
2.4 80 700	Flashing membrane, TPO fleece back	SF	\$3.85	2,000	\$7,700.00
2.4 80 800	Flashing membrane, high performance 2 ply modified bitumen in cold modified asphalt flashing adhesive	SF	\$10.00	2,000	\$20,000.00
2.4 90 100	Polyurethane foam roofing 1" thick	SF	\$0.99	15,000	\$14,850.00
2.4 90 200	Polyurethane foam, low rise adhesive Equiv. to Carlisle Fast 100	SF	\$0.49	5,000	\$2,450.00
2.4 90 300	Polyurethane foam roofing, DFT: minimum 30 mils, Acrylic.	SF	\$0.26	25,000	\$6,500.00
2.4 90 400	Polyurethane foam roofing, DFT: minimum 22 mils, Silicone.	SF	\$0.39	25,000	\$9,750.00
2.5 MASONRY		Unit	UNIT PRICE	EST. QTY	
2.5 10 100	Brick remove and reset (Quantity 1-50 sf)	SF	\$10.50	50	\$525.00
2.5 10 200	Brick, remove and reset (Quantity over 50 sf)	SF	\$12.65	100	\$1,265.00
2.5 10 250	Patch limestone spall to match existing	SF	\$246.00	10	\$2,460.00
2.5 10 275	Repair limestone cracks	LF	\$42.25	50	\$2,112.50
2.5 10 280	Reset/Secure limestone panel	EA	\$3,875.00	1	\$3,875.00
2.5 10 285	Replace limestone panel, per 1" thickness	SF	\$488.10	5	\$2,440.50
2.5 10 290	Anchor Stones with Helifix anchors	EA	\$88.10	10	\$881.00
2.5 10 295	Swing stage, per 10' section per month	EA	\$650.00	5	\$3,250.00
2.5 10 300	Block, remove and reset.	EA	\$150.00	5	\$750.00
2.5 10 400	Coping stones, remove and reset.	EA	\$200.00	5	\$1,000.00
2.5 20 100	Tuck pointing brick, 8ft high wall	LF	\$5.28	250	\$1,320.00
2.5 20 150	Tuck point Stone, 8ft high wall.	LF	\$5.32	250	\$1,330.00
2.5 20 170	Repair of 1" Expansion joint by urethane Injection	LF	\$55.00	250	\$13,750.00
2.5 20 200	Excavation of dirt to allow below grade Grade. Price id per L' by 8" deep and sloped Or shored to meet OSHA trench requirements.	LF	\$300.00	250	\$75,000.00

2.6	METAL WORK	Unit	UNIT PRICE	EST. QTY	
2.6 10 100	Remove standard metal decking	SF	\$1.00	5,000	\$5,000.00
2.6 10 200	install Metal deck	SF	\$3.82	5,000	\$19,100.00
2.6 20 100	Remove metal counter flashing	LF	\$0.50	2,000	\$1,000.00
2.6 20 200	Counter flashing, galvanized 24 gauge galvanized, 6" wide.	LF	\$3.00	2,000	\$6,000.00
2.6 20 300	Counter flashing, copper, 16 oz, 6" wide. 24 gauge galvanized	LF	\$3.61	1,000	\$3,610.00
2.6 20 400	Receiver flashing, 24 gauge, galvanized	LF	\$3.25	1,000	\$3,250.00
2.6 30 100	Remove metal edge, gravel stop, eave strip or coping.	LF	\$0.50	2,000	\$1,000.00
2.6 30 200	Metal edge, galvanized 6" face, hemmed.	LF	\$5.04	2,000	\$10,080.00
2.6 30 300	Gravel stop, galvanized steel, 24 gauge, 6" face	LF	\$6.30	2,000	\$12,600.00
2.6 30 400	Gravel stop, galvanized steel, ANSI SPRI ES1	LF	\$7.30	2,000	\$14,600.00
2.6 40 100	Remove metal gutter.	LF	\$0.50	1,500	\$750.00
2.6 40 200	Gutter, galvanized steel, 24 gauge 5" box or ogee, mill finish.	LF	\$10.60	2,500	\$26,500.00
2.6 40 300	Gutter, galvanized steel, 24 gauge 5" box or ogee, Kynar finish	LF	\$13.48	2,000	\$26,960.00
2.6 40 400	Gutter, copper, 16 oz., half round, 5" wide.	LF	\$13.55	1,000	\$13,550.00
2.6 40 500	Gutter, copper, 16 oz., half round, 6" wide.	LF	\$13.95	1,000	\$13,950.00
2.6 50 100	Remove metal downspout.	LF	\$0.50	500	\$250.00
2.6 50 200	Downspout, galvanized, 24 gauge 3" X 4", Kynar finished	LF	\$13.55	500	\$6,775.00
2.6 50 300	Downspout, galvanized, 24 gauge 3" x 4"	LF	\$7.00	500	\$3,500.00
2.6 50 400	Downspout, GI, 24 ga. 4" round, Kynar finished	LF	\$5.50	500	\$2,750.00
2.6 50 500	Downspout, copper, 16 oz., 6" round.	LF	\$14.00	500	\$7,000.00
2.6 50 600	Downspout, strainer	EA	\$3.00	50	\$150.00
2.6 60 100	Metal flashing, copper, 16 oz., apron flashing, 9" wide.	LF	\$4.50	250	\$1,125.00
2.6 60 200	Metal flashing, copper, 16 oz., step flashing.	EA	\$25.00	10	\$250.00
2.6 60 225	Flashing, pipe penetration, Single ply PVC	EA	\$55.00	5	\$275.00
2.6 60 300	Metal splash pan, copper, 16 oz.	EA	\$30.00	10	\$300.00
2.6 60 350	Metal splash pan, 24 gauge Galv.	EA	\$24.00	10	\$240.00
2.6 60 400	Metal trim, aluminum, painted	SF	\$8.96	500	\$4,480.00
2.6 60 500	Metal storm collar.	EA	\$38.00	10	\$380.00
2.6 60 600	Metal coping, galvanized steel, 24 gauge	SF	\$8.90	1000	\$8,900.00
2.6 60 650	Metal coping, galv. Steel, 24 ga. ANSI SPRI ES 1	SF	\$9.90	1000	\$9,900.00
2.6 60 700	Standing seam panels, 24 gauge prefinished	SF	\$4.60	5,000	\$23,000.00
2.6 60 750	R Panels, 26 galvanized, pre-finished	LF	\$3.57	5,000	\$17,850.00
2.6 60 800	Panel batten covers, standing seam	LF	\$0.73	7,500	\$5,475.00
2.6 60 900	Hat channels, galvanized	LF	\$1.00	7,500	\$7,500.00
2.6 60 950	Standing seam, continuous clip	LF	\$1.00	7,500	\$7,500.00
2.6 60 975	Standing seam 4" clips	EA	\$16.00	10	\$160.00
2.6 60 980	Standing seam panels, 18" wide	SF	\$8.55	5,000	\$42,750.00
2.6 60 990	Head wall flashing,	SF	\$8.05	200	\$1,610.00
2.6 70 100	Ridge Cap Flashing,	SF	\$7.65	200	\$1,530.00
2.6 70 200	4" Metal stud, 16 gauge, galvanized	LF	\$1.05	10,000	\$10,500.00

2.6 METAL WORK (Continued)		Unit	UNIT PRICE	EST. QTY	
2.6 70 300	6" Metal stud, 16 gauge, galvanized	LF	\$1.10	10,000	\$11,000.00
2.6 70 400	Roof jack, galvanized 24 gauge	EA	\$150.00	10	\$1,500.00
2.6 70 500	Ice Dams, standing seam roofs	EA	\$48.00	10	\$480.00
2.6 70 600	Snow Retention Systems Standing seam roofs	EA	\$56.00	10	\$560.00
2.6 70 700	Zees, 14 gauge	EA	\$180.00	10	\$1,800.00
2.7 WOODWORK		Unit	UNIT PRICE	EST. QTY	
2.7 10 100	Demolition of plywood or standard 1" x 6" decking.	SF	\$0.50	10,000	\$5,000.00
2.7 10 200	Demolition of standard 2" x 6" tongue and groove decking.	SF	\$0.80	10,000	\$8,000.00
2.7 20 100	Plywood decking, CDX, 1/2" thick	SF	\$1.35	5,000	\$6,750.00
2.7 20 200	Plywood decking, CDX, 5/8" thick	SF	\$1.37	20,000	\$27,400.00
2.7 20 300	Plywood decking, CDX, 3/4" thick	SF	\$1.81	10,000	\$18,100.00
2.7 20 400	Standard 1" x 6" decking.	SF	\$0.45	10,000	\$4,500.00
2.7 20 500	Standard 2" x 6" tongue and groove decking.	SF	\$2.10	5,000	\$10,500.00
2.7 30 100	Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8".	LF	\$1.25	1,000	\$1,250.00
2.7 30 200	Cants, treated wood, 4" x 4" diagonal.	LF	\$0.75	2,000	\$1,500.00
2.7 40 100	Nailer, treated wood, 1" x 4".	LF	\$2.10	1,000	\$2,100.00
2.7 40 200	Nailer, treated wood, 2 x 4".	LF	\$3.78	1,000	\$3,780.00
2.7 40 300	Nailer, treated wood, 2" x 6".	LF	\$4.04	1,000	\$4,040.00
2.7 50 100	Curbing, treated wood, 2" x 12".	LF	\$4.35	1,000	\$4,350.00
2.7 60 100	Joist, fir, 2" x 6".	LF	\$2.50	1,000	\$2,500.00
2.7 60 200	Joist, fir, 2" x 10".	LF	\$3.10	1,000	\$3,100.00
2.7 60 300	Fascia board, 1 x 10, treated wood	LF	\$3.20	1,000	\$3,200.00
2.8 ROOF SPECIALTIES & ACCESSORIES		Unit	UNIT PRICE	EST. QTY	
2.8 10 100	Remove roof hatch.	EA	\$600.00	1	\$600.00
2.8 10 200	Roof hatch, 16 gauge or heavier 2'6" x 3'0".	EA	\$1,600.00	1	\$1,600.00
2.8 10 300	Roof Hatch railing	EA	\$3,000.00	1	\$3,000.00
2.8 10 400	Tectum roof deck tile, 1" thick	SF	\$3.80	2,000	\$7,600.00
2.8 20 100	Remove existing roof drain, except plumbing.	EA	\$280.00	5	\$1,400.00
2.8 20 200	Install new roof drain, except plumbing	EA	\$1,100.00	5	\$5,500.00
2.8 20 225	Install interior roof drain, Single ply PVC	EA	\$425.00	5	\$2,125.00
2.8 20 250	Install new roof drain cover	EA	\$88.00	5	\$440.00
2.8 20 300	Flash existing roof drain.	EA	\$480.00	5	\$2,400.00
2.8 20 400	Plumbing stack, 4# lead flashing	EA	\$105.00	5	\$525.00
2.8 20 500	Scupper, GI, 24 ga.; match existing configuration.	EA	\$125.00	50	\$6,250.00
2.8 20 525	Scupper, metal coated for single ply PVC	EA	\$85.00	5	\$425.00
2.8 20 600	Conductor head	EA	\$150.00	50	\$7,500.00
2.8 30 100	Remove existing walkway, built-up roofs.	SF	\$0.18	5,000	\$900.00
2.8 30 150	Remove Existing Walkway, Concrete Pavers	SF	\$6.00	1,000	\$6,000.00
2.8 30 200	Walkway, built-up roofs.	SF	\$3.06	5,000	\$15,300.00
2.8 30 300	Walkway, Concrete Pavers	SF	\$35.00	1,000	\$35,000.00

2.8 ROOF SPECIALTIES & ACCESSORIES (Continued)		Unit	UNIT PRICE	EST. QTY	
2.8 40 100	Roof Ventilators, per 2000 CFM	EA	\$950.00	1	\$950.00
2.8 40 200	Install roof curb, 3' by 6' with flashing nailer	EA	\$600.00	5	\$3,000.00
2.8 40 300	Skylight, meets OSHA fall protection, Meets class 4 hail , 20 yr warranty	EA	\$2,200.00	5	\$11,000.00
2.8 40 400	Furnish and install skylight, 4' by 4'	EA	\$800.00	5	\$4,000.00
2.8 40 500	Install temporary fall protection per eight linear feet	EA	\$245.00	200	\$49,000.00
2.8 50 100	Roof ladder, steel, bolted to concrete, up to 20 ft., without cage.	EA	\$1,500.00	1	\$1,500.00
2.8 50 150	Pipe supports, 1/2' – 1 1/2" pipe	EA	\$35.00	50	\$1,750.00
2.8 50 175	Pipe supports, 2" – 3 1/2" pipe	EA	\$48.00	50	\$2,400.00
2.8 50 200	Roof ladder, steel, bolted to concrete, 20 ft. and up with cage.	EA	\$2,400.00	1	\$2,400.00
2.8 50 300	Roof ladder, security ladder guard	EA	\$980.00	1	\$980.00
2.8 60 100	Termination bar, aluminum, 1/4" x 1".	LF	\$1.89	2,000	\$3,780.00
2.8 70 100	Pitch pocket, GI, 24 gauge 4" x 4", with storm collar.	EA	\$75.00	25	\$1,875.00
2.8 70 150	Pre built form with filler, 6" round	EA	\$55.00	25	\$1,375.00
2.8 70 200	Pitch pocket, GI, 24 gauge 8" x 8", with storm collar.	EA	\$85.00	25	\$2,125.00
2.8 70 210	Pre built form with filler, 8" round	EA	\$68.00	25	\$1,700.00
2.8 70 300	Pitch pocket, resurface top only.	EA	\$35.70	50	\$1,785.00
2.8 70 325	Pitch pocket, single ply PVC	EA	\$70.00	5	\$350.00
2.8 70 340	Flashing per 12" x 12" Penetration	EA	\$280.50	1	\$280.50
2.8 80 100	Expansion joint, butyl or neoprene bellows,	LF	\$10.00	500	\$5,000.00
2.8 80 200	Expansion joint, 24 gauge, G90 metal	LF	\$10.75	500	\$5,375.00
2.8 90 100	Reflective coating applied, metal roof Energy Star rated	SF	\$1.60	2,000	\$3,200.00
2.8 90 200	Reflective coating applied, singly ply/BUR Energy Star rated	SF	\$1.58	2,000	\$3,160.00
2.9 ROOF SERVICES		Unit	UNIT PRICE	EST. QTY	
2.9 10 100	Asbestos core testing, (2" x 2").	EA	\$1,250.00	1	\$1,250.00
2.9 10 200	Core analysis (14" x 14").	EA	\$300.00	1	\$300.00
2.9 20 100	Non-destructive roof scan (0-50,000 square feet, full service).	EA	\$2,000.00	1	\$2,000.00
2.9 20 200	Non-destructive roof scan (0-50,000 square feet, limited service).	EA	\$1,500.00	1	\$1,500.00
2.9 30 100	On-site Construction services, basic service	SF	\$0.06	10,000	\$600.00
2.9 30 200	On-site Construction services, full service	SF	\$0.12	10,000	\$1,200.00
2.9 40 100	Field/shop drawings (0-10,000 sq. ft.)	SF	\$0.03	5,000	\$150.00
2.9 40 200	Field/shop drawings (over 10,000 sq. ft.)	SF	\$0.02	10,000	\$200.00
2.9 40 300	Structural Engineer Plans and Specifications with Professional Seal	SF	\$0.15	5,000	\$750.00
2.9 40 400	Fire Marshall Review	EA	\$250.00	3	\$750.00
2.9 40 500	Architectural Plans and Specifications with Professional Seal	SF	\$0.23	50,000	\$11,500.00
2.9 40 600	Architectural inspection and project Oversight, on location service	SF	\$0.10	25,000	\$2,500.00
2.9 40 700	Additional cost to work prisons and Difficult access jobs	DAY	\$810.00	20	\$16,200.00
2.9 40 800	Additional cost for fill dirt on difficult access jobs	CF	\$10.00	20	\$200.00
2.9 40 900	Additional cost for sod on difficult access jobs	SF	\$1.00	100	\$100.00
2.9 50 500	Contractors per diem costs for work outside major population areas.	DAY	\$72.00	100	\$7,200.00
2.9 60 100	Contractors per diem/costs for asbestos abatement planning.	DAY	\$650.00	10	\$6,500.00
2.9 70 100	Asbestos abatement activities, removal and disposal waste BUR,	SF	\$1.00	5,000	\$5,000.00

3 ROOF MANAGEMENT SERVICES		Unit	UNIT PRICE	EST. QTY	
3.1 10 100	Annual Roof Inspection	SF	\$0.04	50,000	\$2,000.00
3.1 20 100	Semi-Annual Roof Inspection	SF	\$0.04	25,000	\$1,000.00
3.1 30 100	Computerized Roof Management Program	SF	\$0.10	25,000	\$2,500.00
3.1 40 100	Leak investigation, two man crew	HR	\$128.00	8	\$1,024.00
5 ADDITIONAL ITEMS		Unit	UNIT PRICE	EST. QTY	
5.1 10 100	Dump fees				
5.1 10 101	(0) to (50) miles round trip	EA	\$460.00	40	\$18,400.00
5.1 10 102	(51) to (100) miles round trip	EA	\$460.00	40	\$18,400.00
5.1 10 103	In excess of (100) miles round trip	EA	\$525.00	40	\$21,000.00
5.1 20 100	Furnish Crane, hydraulic 100 foot boom	HR	\$175.00	8	\$1,400.00
5.1 20 200	Furnish Forklift, reach	HOUR	\$75.00	8	\$600.00
5.1 20 300	Furnish Man Lift, articulated	HOUR	\$75.00	8	\$600.00
5.1 20 400	Furnish smokeless kettle for job	DAY	\$6.00	100	\$600.00
5.1 20 500	Furnish external stair tower, set up and tear down	EA	\$1,200.00	5	\$6,000.00
5.1 20 600	Furnish stockade fence, set up and tear down	LF	\$14.00	50	\$700.00
5.1 20 650	Furnish construction security fence	LF	\$14.00	100	\$1,400.00
5.1 20 700	Furnish Scaffolding, set up and tear down per 8 foot stage	EA	\$265.00	5	\$1,325.00
5.1 20 800	Furnish Safety Monitor on roof	HOUR	\$42.60	40	\$1,704.00
5.1 20 850	Furnish Safety Monitor for traffic	HOUR	\$42.60	40	\$1,704.00
5.1 20 900	42.6				
Subcontractor proposal plus fifteen percent (See Specification. Do not enter any pricing)					
5.1 20 931	Furnish Electrical Proposal for miscellaneous rooftop services.				
Subcontractor proposal plus fifteen percent (See Specification. Do not enter any pricing)					
5.1 20 961	Furnish Plumbing Proposal for miscellaneous rooftop services.				
Subcontractor proposal plus fifteen percent (See Specification. Do not enter any pricing)					
5.1 30 100	20 Year No Dollar Limit, State of Oklahoma Roof Warranty Roofs up to 10,000 sq. ft.	S.F.	\$0.15	50,000	\$7,500.00
5.1 30 200	20 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs exceeding 10,000 sq. ft	S.F.	\$0.10	150,000	\$15,000.00
5.1 40 100	10 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs up to 10,000 sq. ft.	S.F.	\$0.09	50,000	\$4,500.00
5.1 40 200	10 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs exceeding 10,000 sq. ft	S.F.	\$0.05	150,000	\$7,500.00
				Total Price:	\$2,943,107.50
				Excel Calculated Total Price:	\$2,943,107.50



State of Oklahoma
Office of Management and Enterprise Services
Management
Construction and Properties Department

Capital Assets

BID TAB SHEET

Project Name:	State Of Oklahoma Roof Asset Management Program	19026
Project Location:	Area 5 per map in Project Manual	8/23/2018
Using Agency:	OMES/CAM Construction & Properties	Manny Sauviller

AREA 5	Bidder's Name:	UNIVERSAL ROOFING & SHEET METAL									
	City, State:	OKC, OK									
	Notes:										
	ADDENDA:	0	DAYS	TBD	AFFIDAVITS	X	BONDS	X			
	TOTAL PRICE:	3,132,157.50									

2.1	WATERPROOFING & DAMPPROOFING	Unit	UNIT PRICE	EST. QTY	
2.1 10 100	Pressure cleaning.	SF	\$0.23	10,000	\$2,300.00
2.1 10 150	Bio-Algaecide, one application	SF	\$0.53	10,000	\$5,300.00
2.1 10 200	Waterproofing, asphalt emulsion coating, brush applied, per coat.	SF	\$0.65	1,000	\$650.00
2.1 10 250	Penetrating sealer siloxane water repellant	SF	\$0.92	750	\$690.00
2.1 10 300	Waterproofing, rubberized coating, brush applied, per coat.	SF	\$0.40	1,000	\$400.00
2.1 10 400	Waterproofing, vinyl/acrylic, brush applied (smooth), per coat.	SF	\$2.65	1,000	\$2,650.00
2.1 10 500	Waterproofing, non-pigmented synthetic resin, sprayed on, 1 coat.	SF	\$2.35	1,000	\$2,350.00
2.1 10 600	Waterproofing, premium clear cladding 1 coat flooded	SF	\$2.60	1,000	\$2,600.00
2.1 10 700	Waterproofing, above & below grade per coat	SF	\$6.25	1,000	\$6,250.00
2.1 10 750	Waterproofing cold fluid applied brush, roll or spray	SF	\$5.00	100	\$500.00
2.1 10 800	Waterproofing, Elastomeric Joint Sealant ¼" by ¼"	LF	\$3.95	500	\$1,975.00
2.1 10 801	Urethane Injection at 1" expansion joint in wall	LF	\$52.00	1,000	\$52,000.00
2.1 10 850	Vehicular urethane aliphatic traffic coating	SF	\$6.95	500	\$3,475.00
2.1 10 900	Masonry cleaning, walls	SF	\$1.20	5,000	\$6,000.00
2.1 15 450	Bentonite Geotextile waterproofing	SF	\$7.75	100	\$775.00
2.1 20 100	Caulking, remove existing, clean & prime joint.	LF	\$2.00	5,000	\$10,000.00
2.1 20 200	Caulking, epoxy urethane ¼" x ¼" compound, 2 component, in place.	LF	\$1.25	1,000	\$1,250.00
2.1 20 300	Caulking, polyurethane, ¼" x ¼" 1 component, in place.	LF	\$0.58	1,000	\$580.00
2.1 20 400	Caulking, polyurethane, ½" x ½" 1 component, in place.	LF	\$0.60	1,000	\$600.00
2.1 20 500	Caulking, silicone rubber, ¼" x ¼" in place.	LF	\$1.25	1,000	\$1,250.00
2.1 20 600	Caulking, silicone rubber, ¾" x ¾" in place.	LF	\$1.35	1,000	\$1,350.00
2.1 20 650	Preformed silicone faced 1" expansion joint	LF	\$55.00	10	\$550.00
2.1 20 700	Preformed silicone faced 2" expansion joint.	LF	\$60.00	10	\$600.00
2.1 30 100	Backer rod, polyethylene, 3/8" diameter installed in pre-prepared opening.	LF	\$0.15	2,000	\$300.00
2.1 30 200	Backer rod, polyethylene, ½" diameter installed in pre-prepared opening.	LF	\$0.17	2,000	\$340.00

2.1 WATERPROOFING & DAMPPROOFING (Continued)				Unit	UNIT PRICE	EST. QTY	
2.1	30	300	Backer rod, polyethylene, 3/4" diameter installed in pre-prepared opening.	LF	\$0.20	2,000	\$400.00
2.1	30	400	Backer rod, polyethylene, 1" diameter installed in pre-prepared opening.	LF	\$0.23	2,000	\$460.00
2.1	40	100	Building paper, asphalt felt sheathing paper, 30 # in place.	SF	\$0.35	15,000	\$5,250.00
2.1	40	200	Building paper, red rosin paper, 5 sq. rolls, 4 lbs. per sq., in place.	SF	\$0.20	15,000	\$3,000.00
2.1	50	100	Vapor retarder, 2 ply inorganic, applied in Type III asphalt, in place.	SF	\$1.28	1,000	\$1,280.00
2.1	60	100	Prime deck using asphalt primer	SF	\$0.38	5,000	\$1,900.00
2.2 INSULATION				Unit	UNIT PRICE	EST. QTY	
2.2	10	100	Demolition of roof insulation, per in. of depth.	SF	\$0.28	100,000	\$28,000.00
2.2	10	200	Demolition of lightweight cementitious fill, per inch of depth.	SF	\$0.22	10,000	\$2,200.00
2.2	20	100	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 1-1/2" thick, R-10.0, applied in Type IV asphalt.	SF	\$1.40	10,000	\$14,000.00
2.2	20	200	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 2-1/2" thick, R-15.30, applied in Type IV asphalt.	SF	\$1.78	50,000	\$89,000.00
2.2	20	300	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 1 1/2" thick, R-10.0, mechanically fastened.	SF	\$1.30	10,000	\$13,000.00
2.2	20	400	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 2 1/2" thick, R-15.3, mechanically fastened.	SF	\$1.70	50,000	\$85,000.00
2.2	30	100	Roof deck insulation, fiberboard in 4'x 4' or 4' X 8' sheets, 1/2" thick, R-1.39, applied in Type IV asphalt.	SF	\$1.33	10,000	\$13,300.00
2.2	30	200	Roof deck insulation, fiberboard in 4'x 4' sheets, 1" thick, R-2.78, applied in Type IV asphalt.	SF	\$1.38	10,000	\$13,800.00
2.2	30	300	Roof deck insulation, fiberboard in 4'x 4' sheets, 1/2" thick, R-1.39 mechanically fastened	SF	\$0.65	10,000	\$6,500.00
2.2	30	400	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, mechanically fastened.	SF	\$0.85	10,000	\$8,500.00
2.2	30	500	Roof deck insulation, 4' by 9'by 1/2" adhered or fastened, equiv. to Dens Deck	SF	\$0.95	10,000	\$9,500.00
2.2	30	600	Roof deck insulation, 4' by 9' by 1/2" adhered or fastened, equiv. to Dens Deck	SF	\$0.95	10,000	\$9,500.00
2.2	40	100	Roof deck insulating concrete, lightweight air entrained pre-generated cellular concrete mixed with Portland, R-value depending on thickness, per in. of depth per sf.	SF	\$1.65	10,000	\$16,500.00
2.2	50	100	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, applied in Type IV asphalt, per inch of depth.	SF	\$1.85	10,000	\$18,500.00
2.2	50	200	Roof deck insulation, perlite, tapered 1/8" applied in asphalt, per SF, per inch of thickness	SF	\$1.40	10,000	\$14,000.00
2.2	60	100	Roof deck insulation, cold insulation adhesive, per layer per square foot	SF	\$0.35	10,000	\$3,500.00
2.2	60	200	Roof deck insulation, Foam Adhesive per layer per square foot	SF	\$0.52	10,000	\$5,200.00
2.3 SHINGLES, SHAKES & ROOFING TILES				Unit	UNIT PRICE	EST. QTY	
2.3	10	100	Remove composition shingles and felts. to decking (for 1 layer of shingles and felt)	SF	\$0.40	50,000	\$20,000.00
2.3	10	200	Remove roof tiles of clay, concrete, or slate for 1 layer of tiles and felt	SF	\$0.90	5,000	\$4,500.00
2.3	10	300	Remove wood shingles or shakes for 1 layer of wood shingles/shakes and felt	SF	\$0.55	5,000	\$2,750.00
2.3	20	100	Shingles, fiberglass, Class A, 25-year standard strip shingles.	SF	\$1.85	5,000	\$9,250.00
2.3	20	200	Shingles, fiberglass, Class A, 30-year laminated multi-layered shingles.	SF	\$2.25	25,000	\$56,250.00
2.3	20	300	Shingles, fiberglass, Class A, 40-year premium laminated multi-layered shingles	SF	\$2.35	2,000	\$4,700.00
2.3	30	100	Replace roof tiles (clay, slate)	EA	\$45.00	50	\$2,250.00
2.3	30	200	Multi-Width Slate Polymer Tile	SF	\$18.00	50	\$900.00
2.3	40	100	No. 1 Blue label sawn and kiln-dried Western red cedar shingles, 16"length. Fire-retardant pressure treated units.	SF	\$3.65	2,000	\$7,300.00
2.3	40	200	No. 1 Blue label taper sawn and kiln-dried Western red cedar shakes, 24"length with 5/8" butt. Fire-retardant pressure treated units.	SF	\$3.95	2,000	\$7,900.00
2.3	40	300	Ice and water shield underlayment	SF	\$0.90	2,000	\$1,800.00
2.3	50	100	Additional cost for over 9/12 pitch	SF	\$0.10	5,000	\$500.00
2.4 ROOFING & ROOF RESTORATION				Unit	UNIT PRICE	EST. QTY	
2.4	10	100	Remove built-up roofing, multi-ply with aggregate, (1 layer 4-ply built-up roofing).	SF	\$0.35	100,000	\$35,000.00
2.4	10	110	Spud embedded aggregate.	SF	\$0.35	25,000	\$8,750.00

2.4	ROOFING & ROOF RESTORATION (Continued)	Unit	UNIT PRICE	EST. QTY	
2.4 10 120	Sweep loose aggregate from membrane	SF	\$0.28	25,000	\$7,000.00
2.4 10 130	Wet vacuum loose aggregate from membrane	SF	\$0.30	25,000	\$7,500.00
2.4 10 200	Remove single ply roof, ballast and membrane only.	SF	\$0.08	25,000	\$2,000.00
2.4 10 210	Remove single ply roof, membrane (partial/fully adhered) only.	SF	\$0.10	25,000	\$2,500.00
2.4 10 220	Remove single ply roof, membrane(mechanically attached) only.	SF	\$0.10	25,000	\$2,500.00
2.4 10 300	Remove copper sheet roofing.	SF	\$0.17	10,000	\$1,700.00
2.4 10 400	Flood coat and gravel surface, asphalt	SF	\$0.93	50,000	\$46,500.00
2.4 10 500	Flood coat and gravel surface, coal tar pitch	SF	\$1.60	10,000	\$16,000.00
2.4 10 600	Flood coat and gravel surface, Modified Cold process coal tar adhesive equal to Garland Black Knight Cold.	SF	\$2.20	5,000	\$11,000.00
2.4 10 700	Flood coat with white marble and white low-VOC adhesive, Energy Star	SF	\$2.25	5,000	\$11,250.00
2.4 20 100	3 ply fiberglass, Type IV asphalt.	SF	\$1.40	25,000	\$35,000.00
2.4 20 150	3 ply type IV TC fiberglass felt, coal tar pitch, 10 year warranty	SF	\$1.65	25,000	\$41,250.00
2.4 30 100	4 ply Type IV fiberglass felt, Type IV asphalt, 20 year warranty	SF	\$2.35	25,000	\$58,750.00
2.4 30 200	4 ply, type IV TC fiberglass felt, coal tar pitch, 20 year warranty	SF	\$2.45	25,000	\$61,250.00
2.4 30 300	3 ply type VI fiberglass felts, 1 ply polyester in asphalt, equiv. to Hickman 101	SF	\$1.90	25,000	\$47,500.00
2.4 30 400	2 ply modified system with energy star cap Ply per square foot	SF	\$2.95	25,000	\$73,750.00
2.4 30 500	2 ply modified bitumen roof system with Bottom ply in asphalt cap ply in cold process adhesive. Equal to Siplast 20/30 FR.	SF	\$5.65	25,000	\$141,250.00
2.4 30 600	2 ply high performance modified bitumen roof system with asphalt flood coat & gravel surfacing 30 Year Warranty	SF	\$6.10	5,000	\$30,500.00
2.4 30 700	2 ply high performance modified bitumen roof EQUAL TO Garland Stress Ply Plus	SF	\$5.75	5,000	\$28,750.00
2.4 40 100	Siplast 20/30FR with Eco Active Noxite Granules. Pollutant absorbing, 20 year system or equal.	SF	\$5.45	2,000	\$10,900.00
2.4 40 200	3 plies Type 6 in Type 3 asphalt w/white Mod Bit w/white adhesive Energy Star, Fire Rated	SF	\$3.00	10,000	\$30,000.00
2.4 40 300	3 ply trillaminate BUR in low-solvent/ Low-odor adhesive with gravel	SF	\$2.22	10,000	\$22,200.00
2.4 50 100	Built-up roof, 2 ply Type IV fiberglass 1 ply modified bitumen sheet, Type IV asphalt, 10 year warranty	SF	\$2.38	25,000	\$59,500.00
2.4 50 200	Built-up roof, 1 ply modified bitumen base sheet, 1 ply modified bitumen cap sheet, Type IV asphalt, 10 year warranty	SF	\$2.65	25,000	\$66,250.00
2.4 50 225	Built-up roof, added cost mechanically attached G2 fiberglass base sheet	SF	\$0.35	25,000	\$8,750.00
2.4 50 250	Built-up roof, added cost Type IV asphalt attached G2 fiberglass base sheet	SF	\$0.35	25,000	\$8,750.00
2.4 50 280	Venting base sheet, installed in asphalt Per square foot	SF	\$0.78	25,000	\$19,500.00
2.4 50 285	Venting base sheet, mechanically attached Per square foot	SF	\$1.15	25,000	\$28,750.00
2.4 50 300	Built-up roof, premium asphalt equiv. to Garland modified coal tar pitch Millennium, added cost per ply per square foot.	SF	\$10.85	5,000	\$54,250.00
2.4 50 310	Built-up roof system, 4" hail total system 20. Two plies mod bit with flood and gravel. Year total system warranty. Labor and material. Equal to Siplast 4" hail NDL.	SF	\$6.95	5,000	\$34,750.00
2.4 50 320	Fluid Applied Reinforced Roof System Two base coats with reinforcing, three finish coats, 20 year warranty. Equal to Hydro Stop system.	SF	\$3.65	15,000	\$54,750.00
2.4 50 400	Built-up roof, Perma Mop asphalt, added cost per ply per square foot.	SF	\$0.35	25,000	\$8,750.00
2.4 50 450	Built-up roof, Demi Mop asphalt, added cost per ply per square foot.	SF	\$0.28	25,000	\$7,000.00
2.4 50 500	Built-up roof, elastomeric modified asphalt, elongation 128 – 150 percent, added cost per ply per sq ft	SF	\$0.33	25,000	\$8,250.00
2.4 50 501	SBS Modified Bitumen Cap Sheet Overlay, Cold Applied, Hot Air Welded Laps	SF	\$2.10	25,000	\$52,500.00
2.4 50 550	Cold process adhesive added cost per ply, per square foot	SF	\$0.30	15,000	\$4,500.00
2.4 50 600	Cold process adhesive, added cost per ply, /sq ft, low fume/solvent equiv. to Siplast SFT	SF	\$0.60	15,000	\$9,000.00
2.4 50 650	Built-up roof, surface with cold asphaltic adhesive and gravel.	SF	\$0.28	15,000	\$4,200.00
2.4 50 700	Built-up roofing, surface with emulsion and granules.	SF	\$0.35	10,000	\$3,500.00
2.4 50 750	Built-up roof, surface with emulsion and aluminum coating.	SF	\$0.22	5,000	\$1,100.00

2.4 ROOFING & ROOF RESTORATION (Continued)		Unit	UNIT PRICE	EST. QTY	
2.4 50 800	Energy Star coating over smooth surface roofing.	SF	\$1.80	5,000	\$9,000.00
2.4 50 850	Built-up roof, surface with aluminum coating or paint	SF	\$0.30	10,000	\$3,000.00
2.4 60 100	Built-up roofing repairs; fibered asphalt mastic (trowel grade) with fiberglass mesh.	SF	\$1.85	5,000	\$9,250.00
2.4 60 200	Built-up roofing repairs; fibered asphalt mastic (brush grade) with fiberglass mesh.	SF	\$0.50	5,000	\$2,500.00
2.4 60 300	Built-up roofing repairs; pitch based mastic with fiberglass mesh	SF	\$0.20	5,000	\$1,000.00
2.4 60 400	Built-up roofing repairs, elastomeric mastic with fiberglass mesh.	SF	\$0.45	5,000	\$2,250.00
2.4 70 100	Single-ply roof, EPDM, 60 mils, mechanically fastened.	SF	\$1.75	10,000	\$17,500.00
2.4 70 200	Single-ply roof, EPDM, 60 mils, fully adhered.	SF	\$1.80	10,000	\$18,000.00
2.4 70 300	Single-ply roof, EPDM 120 mils, fully adhered, fleece back	SF	\$3.25	10,000	\$32,500.00
2.4 70 350	Single-ply roof, TPO 60 mils reinforced, fully adhered	SF	\$2.85	10,000	\$28,500.00
2.4 70 400	Single-ply roof, TPO 80 mils reinforced, fully adhered	SF	\$3.55	10,000	\$35,500.00
2.4 70 420	Single Ply Roof, TPO, prefabricated pipe boot flashing	EA	\$55.00	50	\$2,750.00
2.4 70 500	Single-ply roof, PVC 60 mils, fully adhered	SF	\$3.80	5,000	\$19,000.00
2.4 80 100	Flashing membrane, aluminum, foil clad, modified bitumen membrane.	SF	\$5.15	5,000	\$25,750.00
2.4 80 200	Flashing membrane, 1-ply polyester and 1 ply modified bitumen.	SF	\$3.90	5,000	\$19,500.00
2.4 80 300	Flashing membrane, base ply and granular surface modified cap	SF	\$5.40	5,000	\$27,000.00
2.4 80 400	Flashing membrane, PVC.	SF	\$6.25	2,000	\$12,500.00
2.4 80 500	Premium Flashing membrane, equiv. to Hickman Pikaply MS-4	SF	\$3.10	2,000	\$6,200.00
2.4 80 600	Flashing membrane, EPDM.	SF	\$6.65	2,000	\$13,300.00
2.4 80 700	Flashing membrane, TPO fleece back	SF	\$5.00	2,000	\$10,000.00
2.4 80 800	Flashing membrane, high performance 2 ply modified bitumen in cold modified asphalt flashing adhesive	SF	\$9.15	2,000	\$18,300.00
2.4 90 100	Polyurethane foam roofing 1" thick	SF	\$1.10	15,000	\$16,500.00
2.4 90 200	Polyurethane foam, low rise adhesive Equiv. to Carlisle Fast 100	SF	\$0.55	5,000	\$2,750.00
2.4 90 300	Polyurethane foam roofing, DFT: minimum 30 mils, Acrylic.	SF	\$0.35	25,000	\$8,750.00
2.4 90 400	Polyurethane foam roofing, DFT: minimum 22 mils, Silicone.	SF	\$0.42	25,000	\$10,500.00
2.5 MASONRY		Unit	UNIT PRICE	EST. QTY	
2.5 10 100	Brick remove and reset (Quantity 1-50 sf)	SF	\$11.00	50	\$550.00
2.5 10 200	Brick, remove and reset (Quantity over 50 sf)	SF	\$13.00	100	\$1,300.00
2.5 10 250	Patch limestone spall to match existing	SF	\$255.00	10	\$2,550.00
2.5 10 275	Repair limestone cracks	LF	\$55.00	50	\$2,750.00
2.5 10 280	Reset/Secure limestone panel	EA	\$3,680.00	1	\$3,680.00
2.5 10 285	Replace limestone panel, per 1" thickness	SF	\$750.00	5	\$3,750.00
2.5 10 290	Anchor Stones with Helifix anchors	EA	\$90.00	10	\$900.00
2.5 10 295	Swing stage, per 10' section per month	EA	\$645.00	5	\$3,225.00
2.5 10 300	Block, remove and reset.	EA	\$150.00	5	\$750.00
2.5 10 400	Coping stones, remove and reset.	EA	\$210.00	5	\$1,050.00
2.5 20 100	Tuck pointing brick, 8ft high wall	LF	\$5.50	250	\$1,375.00
2.5 20 150	Tuck point Stone, 8ft high wall.	LF	\$5.50	250	\$1,375.00
2.5 20 170	Repair of 1" Expansion joint by urethane Injection	LF	\$52.00	250	\$13,000.00
2.5 20 200	Excavation of dirt to allow below grade Grade. Price id per L' by 8" deep and sloped Or shored to meet OSHA trench requirements.	LF	\$335.00	250	\$83,750.00

2.6	METAL WORK	Unit	UNIT PRICE	EST. QTY	
2.6 10 100	Remove standard metal decking	SF	\$1.05	5,000	\$5,250.00
2.6 10 200	install Metal deck	SF	\$4.00	5,000	\$20,000.00
2.6 20 100	Remove metal counter flashing	LF	\$0.55	2,000	\$1,100.00
2.6 20 200	Counter flashing, galvanized 24 gauge galvanized, 6" wide.	LF	\$3.00	2,000	\$6,000.00
2.6 20 300	Counter flashing, copper, 16 oz, 6" wide. 24 gauge galvanized	LF	\$4.00	1,000	\$4,000.00
2.6 20 400	Receiver flashing, 24 gauge, galvanized	LF	\$3.20	1,000	\$3,200.00
2.6 30 100	Remove metal edge, gravel stop, eave strip or coping.	LF	\$0.55	2,000	\$1,100.00
2.6 30 200	Metal edge, galvanized 6" face, hemmed.	LF	\$5.00	2,000	\$10,000.00
2.6 30 300	Gravel stop, galvanized steel, 24 gauge, 6" face	LF	\$6.50	2,000	\$13,000.00
2.6 30 400	Gravel stop, galvanized steel, ANSI SPRI ES1	LF	\$7.20	2,000	\$14,400.00
2.6 40 100	Remove metal gutter.	LF	\$1.15	1,500	\$1,725.00
2.6 40 200	Gutter, galvanized steel, 24 gauge 5" box or ogee, mill finish.	LF	\$10.85	2,500	\$27,125.00
2.6 40 300	Gutter, galvanized steel, 24 gauge 5" box or ogee, Kynar finish	LF	\$13.00	2,000	\$26,000.00
2.6 40 400	Gutter, copper, 16 oz., half round, 5" wide.	LF	\$20.00	1,000	\$20,000.00
2.6 40 500	Gutter, copper, 16 oz., half round, 6" wide.	LF	\$19.00	1,000	\$19,000.00
2.6 50 100	Remove metal downspout.	LF	\$0.85	500	\$425.00
2.6 50 200	Downspout, galvanized, 24 gauge 3" X 4", Kynar finished	LF	\$14.00	500	\$7,000.00
2.6 50 300	Downspout, galvanized, 24 gauge 3" x 4"	LF	\$7.30	500	\$3,650.00
2.6 50 400	Downspout, GI, 24 ga. 4" round, Kynar finished	LF	\$5.45	500	\$2,725.00
2.6 50 500	Downspout, copper, 16 oz., 6" round.	LF	\$18.00	500	\$9,000.00
2.6 50 600	Downspout, strainer	EA	\$3.00	50	\$150.00
2.6 60 100	Metal flashing, copper, 16 oz., apron flashing, 9" wide.	LF	\$5.25	250	\$1,312.50
2.6 60 200	Metal flashing, copper, 16 oz., step flashing.	EA	\$24.00	10	\$240.00
2.6 60 225	Flashing, pipe penetration, Single ply PVC	EA	\$65.00	5	\$325.00
2.6 60 300	Metal splash pan, copper, 16 oz.	EA	\$35.00	10	\$350.00
2.6 60 350	Metal splash pan, 24 gauge Galv.	EA	\$25.00	10	\$250.00
2.6 60 400	Metal trim, aluminum, painted	SF	\$9.00	500	\$4,500.00
2.6 60 500	Metal storm collar.	EA	\$35.00	10	\$350.00
2.6 60 600	Metal coping, galvanized steel, 24 gauge	SF	\$9.00	1000	\$9,000.00
2.6 60 650	Metal coping, galv. Steel , 24 ga. ANSI SPRI ES 1	SF	\$9.50	1000	\$9,500.00
2.6 60 700	Standing seam panels, 24 gauge prefinished	SF	\$4.85	5,000	\$24,250.00
2.6 60 750	R Panels, 26 galvanized, pre-finished	LF	\$4.00	5,000	\$20,000.00
2.6 60 800	Panel batten covers, standing seam	LF	\$0.90	7,500	\$6,750.00
2.6 60 900	Hat channels, galvanized	LF	\$1.30	7,500	\$9,750.00
2.6 60 950	Standing seam, continuous clip	LF	\$1.00	7,500	\$7,500.00
2.6 60 975	Standing seam 4" clips	EA	\$15.00	10	\$150.00
2.6 60 980	Standing seam panels, 18" wide	SF	\$8.00	5,000	\$40,000.00
2.6 60 990	Head wall flashing,	SF	\$8.00	200	\$1,600.00
2.6 70 100	Ridge Cap Flashing,	SF	\$8.35	200	\$1,670.00
2.6 70 200	4" Metal stud, 16 gauge, galvanized	LF	\$1.75	10,000	\$17,500.00

2.6 METAL WORK (Continued)		Unit	UNIT PRICE	EST. QTY	
2.6 70 300	6" Metal stud, 16 gauge, galvanized	LF	\$2.10	10,000	\$21,000.00
2.6 70 400	Roof jack, galvanized 24 gauge	EA	\$165.00	10	\$1,650.00
2.6 70 500	Ice Dams, standing seam roofs	EA	\$50.00	10	\$500.00
2.6 70 600	Snow Retention Systems Standing seam roofs	EA	\$60.00	10	\$600.00
2.6 70 700	Zees, 14 gauge	EA	\$175.00	10	\$1,750.00
2.7 WOODWORK		Unit	UNIT PRICE	EST. QTY	
2.7 10 100	Demolition of plywood or standard 1" x 6" decking.	SF	\$0.65	10,000	\$6,500.00
2.7 10 200	Demolition of standard 2" x 6" tongue and groove decking.	SF	\$0.78	10,000	\$7,800.00
2.7 20 100	Plywood decking, CDX, 1/2" thick	SF	\$1.40	5,000	\$7,000.00
2.7 20 200	Plywood decking, CDX, 5/8" thick	SF	\$1.40	20,000	\$28,000.00
2.7 20 300	Plywood decking, CDX, 3/4" thick	SF	\$1.70	10,000	\$17,000.00
2.7 20 400	Standard 1" x 6" decking.	SF	\$0.50	10,000	\$5,000.00
2.7 20 500	Standard 2" x 6" tongue and groove decking.	SF	\$2.10	5,000	\$10,500.00
2.7 30 100	Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8".	LF	\$1.30	1,000	\$1,300.00
2.7 30 200	Cants, treated wood, 4" x 4" diagonal.	LF	\$0.85	2,000	\$1,700.00
2.7 40 100	Nailer, treated wood, 1" x 4".	LF	\$2.05	1,000	\$2,050.00
2.7 40 200	Nailer, treated wood, 2 x 4".	LF	\$3.80	1,000	\$3,800.00
2.7 40 300	Nailer, treated wood, 2" x 6".	LF	\$4.00	1,000	\$4,000.00
2.7 50 100	Curbing, treated wood, 2" x 12".	LF	\$4.50	1,000	\$4,500.00
2.7 60 100	Joist, fir, 2" x 6".	LF	\$2.75	1,000	\$2,750.00
2.7 60 200	Joist, fir, 2" x 10".	LF	\$3.20	1,000	\$3,200.00
2.7 60 300	Fascia board, 1 x 10, treated wood	LF	\$3.45	1,000	\$3,450.00
2.8 ROOF SPECIALTIES & ACCESSORIES		Unit	UNIT PRICE	EST. QTY	
2.8 10 100	Remove roof hatch.	EA	\$625.00	1	\$625.00
2.8 10 200	Roof hatch, 16 gauge or heavier 2'6" x 3'0".	EA	\$1,550.00	1	\$1,550.00
2.8 10 300	Roof Hatch railing	EA	\$3,100.00	1	\$3,100.00
2.8 10 400	Tectum roof deck tile, 1" thick	SF	\$5.00	2,000	\$10,000.00
2.8 20 100	Remove existing roof drain, except plumbing.	EA	\$275.00	5	\$1,375.00
2.8 20 200	Install new roof drain, except plumbing	EA	\$1,050.00	5	\$5,250.00
2.8 20 225	Install interior roof drain, Single ply PVC	EA	\$550.00	5	\$2,750.00
2.8 20 250	Install new roof drain cover	EA	\$90.00	5	\$450.00
2.8 20 300	Flash existing roof drain.	EA	\$650.00	5	\$3,250.00
2.8 20 400	Plumbing stack, 4# lead flashing	EA	\$115.00	5	\$575.00
2.8 20 500	Scupper, GI, 24 ga.; match existing configuration.	EA	\$120.00	50	\$6,000.00
2.8 20 525	Scupper, metal coated for single ply PVC	EA	\$125.00	5	\$625.00
2.8 20 600	Conductor head	EA	\$145.00	50	\$7,250.00
2.8 30 100	Remove existing walkway, built-up roofs.	SF	\$0.25	5,000	\$1,250.00
2.8 30 150	Remove Existing Walkway, Concrete Pavers	SF	\$5.85	1,000	\$5,850.00
2.8 30 200	Walkway, built-up roofs.	SF	\$3.15	5,000	\$15,750.00
2.8 30 300	Walkway, Concrete Pavers	SF	\$38.00	1,000	\$38,000.00

2.8 ROOF SPECIALTIES & ACCESSORIES (Continued)		Unit	UNIT PRICE	EST. QTY	
2.8 40 100	Roof Ventilators, per 2000 CFM	EA	\$1,100.00	1	\$1,100.00
2.8 40 200	Install roof curb, 3' by 6' with flashing nailer	EA	\$1,000.00	5	\$5,000.00
2.8 40 300	Skylight, meets OSHA fall protection, Meets class 4 hail , 20 yr warranty	EA	\$2,400.00	5	\$12,000.00
2.8 40 400	Furnish and install skylight, 4' by 4'	EA	\$950.00	5	\$4,750.00
2.8 40 500	Install temporary fall protection per eight linear feet	EA	\$240.00	200	\$48,000.00
2.8 50 100	Roof ladder, steel, bolted to concrete, up to 20 ft., without cage.	EA	\$2,000.00	1	\$2,000.00
2.8 50 150	Pipe supports, 1/2' – 1 1/2" pipe	EA	\$36.00	50	\$1,800.00
2.8 50 175	Pipe supports, 2" – 3 1/2" pipe	EA	\$47.00	50	\$2,350.00
2.8 50 200	Roof ladder, steel, bolted to concrete, 20 ft. and up with cage.	EA	\$3,500.00	1	\$3,500.00
2.8 50 300	Roof ladder, security ladder guard	EA	\$850.00	1	\$850.00
2.8 60 100	Termination bar, aluminum, 1/4" x 1".	LF	\$1.90	2,000	\$3,800.00
2.8 70 100	Pitch pocket, GI, 24 gauge 4" x 4", with storm collar.	EA	\$70.00	25	\$1,750.00
2.8 70 150	Pre built form with filler, 6" round	EA	\$60.00	25	\$1,500.00
2.8 70 200	Pitch pocket, GI, 24 gauge 8" x 8", with storm collar.	EA	\$80.00	25	\$2,000.00
2.8 70 210	Pre built form with filler, 8" round	EA	\$65.00	25	\$1,625.00
2.8 70 300	Pitch pocket, resurface top only.	EA	\$34.00	50	\$1,700.00
2.8 70 325	Pitch pocket, single ply PVC	EA	\$68.00	5	\$340.00
2.8 70 340	Flashing per 12" x 12" Penetration	EA	\$1,250.00	1	\$1,250.00
2.8 80 100	Expansion joint, butyl or neoprene bellows,	LF	\$12.50	500	\$6,250.00
2.8 80 200	Expansion joint, 24 gauge, G90 metal	LF	\$11.25	500	\$5,625.00
2.8 90 100	Reflective coating applied, metal roof Energy Star rated	SF	\$3.65	2,000	\$7,300.00
2.8 90 200	Reflective coating applied, singly ply/BUR Energy Star rated	SF	\$3.65	2,000	\$7,300.00
2.9 ROOF SERVICES		Unit	UNIT PRICE	EST. QTY	
2.9 10 100	Asbestos core testing, (2" x 2").	EA	\$1,500.00	1	\$1,500.00
2.9 10 200	Core analysis (14" x 14").	EA	\$350.00	1	\$350.00
2.9 20 100	Non-destructive roof scan (0-50,000 square feet, full service).	EA	\$2,200.00	1	\$2,200.00
2.9 20 200	Non-destructive roof scan (0-50,000 square feet, limited service).	EA	\$1,900.00	1	\$1,900.00
2.9 30 100	On-site Construction services, basic service	SF	\$0.10	10,000	\$1,000.00
2.9 30 200	On-site Construction services, full service	SF	\$0.15	10,000	\$1,500.00
2.9 40 100	Field/shop drawings (0-10,000 sq. ft.)	SF	\$0.06	5,000	\$300.00
2.9 40 200	Field/shop drawings (over 10,000 sq. ft.)	SF	\$0.04	10,000	\$400.00
2.9 40 300	Structural Engineer Plans and Specifications with Professional Seal	SF	\$0.18	5,000	\$900.00
2.9 40 400	Fire Marshall Review	EA	\$300.00	3	\$900.00
2.9 40 500	Architectural Plans and Specifications with Professional Seal	SF	\$0.32	50,000	\$16,000.00
2.9 40 600	Architectural inspection and project Oversight, on location service	SF	\$0.30	25,000	\$7,500.00
2.9 40 700	Additional cost to work prisons and Difficult access jobs	DAY	\$805.00	20	\$16,100.00
2.9 40 800	Additional cost for fill dirt on difficult access jobs	CF	\$12.00	20	\$240.00
2.9 40 900	Additional cost for sod on difficult access jobs	SF	\$1.30	100	\$130.00
2.9 50 500	Contractors per diem costs for work outside major population areas.	DAY	\$75.00	100	\$7,500.00
2.9 60 100	Contractors per diem/costs for asbestos abatement planning.	DAY	\$700.00	10	\$7,000.00
2.9 70 100	Asbestos abatement activities, removal and disposal waste BUR,	SF	\$1.85	5,000	\$9,250.00

3 ROOF MANAGEMENT SERVICES		Unit	UNIT PRICE	EST. QTY	
3.1 10 100	Annual Roof Inspection	SF	\$0.05	50,000	\$2,500.00
3.1 20 100	Semi-Annual Roof Inspection	SF	\$0.05	25,000	\$1,250.00
3.1 30 100	Computerized Roof Management Program	SF	\$0.15	25,000	\$3,750.00
3.1 40 100	Leak investigation, two man crew	HR	\$130.00	8	\$1,040.00
5 ADDITIONAL ITEMS		Unit	UNIT PRICE	EST. QTY	
5.1 10 100	Dump fees				
5.1 10 101	(0) to (50) miles round trip	EA	\$485.00	40	\$19,400.00
5.1 10 102	(51) to (100) miles round trip	EA	\$500.00	40	\$20,000.00
5.1 10 103	In excess of (100) miles round trip	EA	\$550.00	40	\$22,000.00
5.1 20 100	Furnish Crane, hydraulic 100 foot boom	HR	\$200.00	8	\$1,600.00
5.1 20 200	Furnish Forklift, reach	HOUR	\$80.00	8	\$640.00
5.1 20 300	Furnish Man Lift, articulated	HOUR	\$80.00	8	\$640.00
5.1 20 400	Furnish smokeless kettle for job	DAY	\$5.00	100	\$500.00
5.1 20 500	Furnish external stair tower, set up and tear down	EA	\$1,500.00	5	\$7,500.00
5.1 20 600	Furnish stockade fence, set up and tear down	LF	\$14.00	50	\$700.00
5.1 20 650	Furnish construction security fence	LF	\$14.00	100	\$1,400.00
5.1 20 700	Furnish Scaffolding, set up and tear down per 8 foot stage	EA	\$270.00	5	\$1,350.00
5.1 20 800	Furnish Safety Monitor on roof	HOUR	\$45.00	40	\$1,800.00
5.1 20 850	Furnish Safety Monitor for traffic	HOUR	\$45.00	40	\$1,800.00
5.1 20 900	42.6				
Subcontractor proposal plus fifteen percent (See Specification. Do not enter any pricing)					
5.1 20 931	Furnish Electrical Proposal for miscellaneous rooftop services.				
Subcontractor proposal plus fifteen percent (See Specification. Do not enter any pricing)					
5.1 20 961	Furnish Plumbing Proposal for miscellaneous rooftop services.				
Subcontractor proposal plus fifteen percent (See Specification. Do not enter any pricing)					
5.1 30 100	20 Year No Dollar Limit, State of Oklahoma Roof Warranty Roofs up to 10,000 sq. ft.	S.F.	\$0.12	50,000	\$6,000.00
5.1 30 200	20 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs exceeding 10,000 sq. ft	S.F.	\$0.12	150,000	\$18,000.00
5.1 40 100	10 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs up to 10,000 sq. ft.	S.F.	\$0.10	50,000	\$5,000.00
5.1 40 200	10 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs exceeding 10,000 sq. ft	S.F.	\$0.05	150,000	\$7,500.00
				Total Price:	\$3,132,157.50
				Excel Calculated Total Price:	\$3,132,157.50