

FOR THE PROJECT TITLED:

ROOF SYSTEMS AND SERVICES

Bid Reference: PV-Roofing Systems-2020
Kentucky Educational Development Corporation (KEDC)
904 Rose Road, Ashland, Ky 41102-7104

To: Prospective Bidders – Preferred Vendors

From: JRA Architects
3225 Summit Square Place, Suite 200
Lexington, KY 40509

Project Contacts: D. Robert Deal, AIA, LEED AP

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

ITEMS:

ITEM NO. 1.01

Revise the bid date from Tuesday, November 24, 2020 to Tuesday, December 1, 2020. Submission time is unchanged.

ITEM NO. 1.02

Replace Document 00202 “Bid Spreadsheet” with the attached form included with Addendum 1, noting new submission requirements at the end of the Bid Spreadsheet.

END OF ADDENDUM NO. 1.00

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
1	Roof scan	N/A	Written report of found results to be provided	>1,000 but <10,000	square foot	100 s.f.	
2	Roof scan	N/A	Written report of found results to be provided	>10,000 but <25,000	square foot	100 s.f.	
3	Roof scan	N/A	Written report of found results to be provided	>25,000 but <50,000	square foot	100 s.f.	
4	Roof scan	N/A	Written report of found results to be provided	>50,000 but <100,000	square foot	100 s.f.	
5	Roof scan	N/A	Written report of found results to be provided	>100,000	square foot	100 s.f.	
6	Complete roof tear-off	N/A	Complete tear-off of ballast, single ply roof membrane and maximum of 3" rigid insulation to expose roof deck	>1,000 but <10,000	square foot	100 s.f.	
7	Complete roof tear-off	N/A	Complete tear-off of ballast, single ply roof membrane and maximum of 3" rigid insulation to expose roof deck	>10,000 but <25,000	square foot	100 s.f.	
8	Complete roof tear-off	N/A	Complete tear-off of ballast, single ply roof membrane and maximum of 3" rigid insulation to expose roof deck	>25,000 but <50,000	square foot	100 s.f.	
9	Complete roof tear-off	N/A	Complete tear-off of ballast, single ply roof membrane and maximum of 3" rigid insulation to expose roof deck	>50,000 but <100,000	square foot	100 s.f.	
10	Complete roof tear-off	N/A	Complete tear-off of ballast, single ply roof membrane and maximum of 3" rigid insulation to expose roof deck	>100,000	square foot	100 s.f.	
11	Complete roof tear-off	N/A	Complete tear-off of single ply roof and maximum of 3" rigid insulation to expose roof deck	>1,000 but <10,000	square foot	100 s.f.	
12	Complete roof tear-off	N/A	Complete tear-off of single ply roof and maximum of 3" rigid insulation to expose roof deck	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
13	Complete roof tear-off	N/A	Complete tear-off of single ply roof and maximum of 3" rigid insulation to expose roof deck	>25,000 but <50,000	square foot	100 s.f.	
14	Complete roof tear-off	N/A	Complete tear-off of single ply roof and maximum of 3" rigid insulation to expose roof deck	>50,000 but <100,000	square foot	100 s.f.	
15	Complete roof tear-off	N/A	Complete tear-off of single ply roof and maximum of 3" rigid insulation to expose roof deck	>100,000	square foot	100 s.f.	
16	Complete roof tear-off	N/A	Complete tear-off of coal tar pitch built up roof and maximum of 3" rigid insulation to expose roof deck	>1,000 but <10,000	square foot	100 s.f.	
17	Complete roof tear-off	N/A	Complete tear-off of coal tar pitch built up roof and maximum of 3" rigid insulation to expose roof deck	>10,000 but <25,000	square foot	100 s.f.	
18	Complete roof tear-off	N/A	Complete tear-off of coal tar pitch built up roof and maximum of 3" rigid insulation to expose roof deck	>25,000 but <50,000	square foot	100 s.f.	
19	Complete roof tear-off	N/A	Complete tear-off of coal tar pitch built up roof and maximum of 3" rigid insulation to expose roof deck	>50,000 but <100,000	square foot	100 s.f.	
20	Complete roof tear-off	N/A	Complete tear-off of coal tar pitch built up roof and maximum of 3" rigid insulation to expose roof deck	>100,000	square foot	100 s.f.	
21	Complete roof tear-off	N/A	Complete tear-off of built up asphalt roof membrane and maximum of 3" insulation to expose roof deck	>1,000 but <10,000	square foot	100 s.f.	
22	Complete roof tear-off	N/A	Complete tear-off of built up asphalt roof membrane and maximum of 3" insulation to expose roof deck	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
23	Complete roof tear-off	N/A	Complete tear-off of built up asphalt roof membrane and maximum of 3" insulation to expose roof deck	>25,000 but <50,000	square foot	100 s.f.	
24	Complete roof tear-off	N/A	Complete tear-off of built up asphalt roof membrane and maximum of 3" insulation to expose roof deck	>50,000 but <100,000	square foot	100 s.f.	
25	Complete roof tear-off	N/A	Complete tear-off of built up asphalt roof membrane and maximum of 3" insulation to expose roof deck	>100,000	square foot	100 s.f.	
26	Complete roof tear-off	N/A	Complete tear-off modified bitumen roof membrane and maximum of 3" insulation to expose roof deck	>1,000 but <10,000	square foot	100 s.f.	
27	Complete roof tear-off	N/A	Complete tear-off modified bitumen roof membrane and maximum of 3" insulation to expose roof deck	>10,000 but <25,000	square foot	100 s.f.	
28	Complete roof tear-off	N/A	Complete tear-off modified bitumen roof membrane and maximum of 3" insulation to expose roof deck	>25,000 but <50,000	square foot	100 s.f.	
29	Complete roof tear-off	N/A	Complete tear-off modified bitumen roof membrane and maximum of 3" insulation to expose roof deck	>50,000 but <100,000	square foot	100 s.f.	
30	Complete roof tear-off	N/A	Complete tear-off modified bitumen roof membrane and maximum of 3" insulation to expose roof deck	>100,000	square foot	100 s.f.	
31	Complete roof tear-off	N/A	Complete tear-off polyurethane (PUF) roof maximum of 3" insulation to expose roof deck	>1,000 but <10,000	square foot	100 s.f.	
32	Complete roof tear-off	N/A	Complete tear-off polyurethane (PUF) roof maximum of 3" insulation to expose roof deck	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
33	Complete roof tear-off	N/A	Complete tear-off polyurethane (PUF) roof maximum of 3" insulation to expose roof deck	>25,000 but <50,000	square foot	100 s.f.	
34	Complete roof tear-off	N/A	Complete tear-off polyurethane (PUF) roof maximum of 3" insulation to expose roof deck	>50,000 but <100,000	square foot	100 s.f.	
35	Complete roof tear-off	N/A	Complete tear-off polyurethane (PUF) roof maximum of 3" insulation to expose roof deck	>100,000	square foot	100 s.f.	
36	New membrane over existing	20	Single Ply Roofs: Cut membrane into sections not more than 100 s.f., (MB or BUR do not cut) mechanically attach 1/2" primed wood fiber, install base sheet in hot asphalt, cap sheet in cold adhesive	>1,000 but <10,000	square foot	100 s.f.	
37	New membrane over existing	20	Single Ply Roofs: Cut membrane into sections not more than 100 s.f., (MB or BUR do not cut) mechanically attach 1/2" primed wood fiber, install base sheet in hot asphalt, cap sheet in cold adhesive	>10,000 but <25,000	square foot	100 s.f.	
38	New membrane over existing	20	Single Ply Roofs: Cut membrane into sections not more than 100 s.f., (MB or BUR do not cut) mechanically attach 1/2" primed wood fiber, install base sheet in hot asphalt, cap sheet in cold adhesive	>25,000 but <50,000	square foot	100 s.f.	
39	New membrane over existing	20	Single Ply Roofs: Cut membrane into sections not more than 100 s.f., (MB or BUR do not cut) mechanically attach 1/2" primed wood fiber, install base sheet in hot asphalt, cap sheet in cold adhesive	>50,000 but <100,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
40	New membrane over existing	20	Single Ply Roofs: Cut membrane into sections not more than 100 s.f., (MB or BUR do not cut) mechanically attach 1/2" primed wood fiber, install base sheet in hot asphalt, cap sheet in cold adhesive	>100,000	square foot	100 s.f.	
41	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to existing metal roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>1,000 but <10,000	square foot	100 s.f.	
42	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to existing metal roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>10,000 but <25,000	square foot	100 s.f.	
43	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to existing metal roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>25,000 but <50,000	square foot	100 s.f.	
44	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to existing metal roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>50,000 but <100,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
45	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to existing metal roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>100,000	square foot	100 s.f.	
46	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to red rosin paper and existing wood roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>1,000 but <10,000	square foot	100 s.f.	
47	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to red rosin paper and existing wood roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>10,000 but <25,000	square foot	100 s.f.	
48	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to red rosin paper and existing wood roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>25,000 but <50,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
49	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to red rosin paper and existing wood roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>50,000 but <100,000	square foot	100 s.f.	
50	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation mechanically attached to red rosin paper and existing wood roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>100,000	square foot	100 s.f.	
51	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to existing concrete roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>1,000 but <10,000	square foot	100 s.f.	
52	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to existing concrete roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>10,000 but <25,000	square foot	100 s.f.	
53	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to existing concrete roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>25,000 but <50,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
54	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to existing concrete roof deck, 1/2" woodfiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>50,000 but <100,000	square foot	100 s.f.	
55	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to existing concrete roof deck, 1/2" wood fiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>100,000	square foot	100 s.f.	
56	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to mechanically fastened base sheet to existing gypsum or LWIC roof deck, 1/2" wood fiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>1,000 but <10,000	square foot	100 s.f.	
57	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to mechanically fastened base sheet to existing gypsum or LWIC roof deck, 1/2" wood fiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
58	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to mechanically fastened base sheet to existing gypsum or LWIC roof deck, 1/2" wood fiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>25,000 but <50,000	square foot	100 s.f.	
59	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to mechanically fastened base sheet to existing gypsum or LWIC roof deck, 1/2" wood fiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>50,000 but <100,000	square foot	100 s.f.	
60	New 2 Ply Mod Bit roof system	20	New roof system consisting of 2 layers of 2.5" polyisocyanurate insulation adhered in hot asphalt to mechanically fastened base sheet to existing gypsum or LWIC roof deck, 1/2" wood fiber recovery board placed in hot asphalt, base ply in hot asphalt and cap sheet in cold adhesive	>100,000	square foot	100 s.f.	
61	New 2 Ply Mod Bit roof system	20	New roof system consisting of R-25 NVS LWIC to acceptable substrate, mechanically fastened base sheet over new LWIC, base ply in hot asphalt and cap sheet in cold adhesive	>1,000 but <10,000	square foot	100 s.f.	
62	New 2 Ply Mod Bit roof system	20	New roof system consisting of R-25 NVS LWIC to acceptable substrate, mechanically fastened base sheet over new LWIC, base ply in hot asphalt and cap sheet in cold adhesive	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
63	New 2 Ply Mod Bit roof system	20	New roof system consisting of R-25 NVS LWIC to acceptable substrate, mechanically fastened base sheet over new LWIC, base ply in hot asphalt and cap sheet in cold adhesive	>25,000 but <50,000	square foot	100 s.f.	
64	New 2 Ply Mod Bit roof system	20	New roof system consisting of R-25 NVS LWIC to acceptable substrate, mechanically fastened base sheet over new LWIC, base ply in hot asphalt and cap sheet in cold adhesive	>50,000 but <100,000	square foot	100 s.f.	
65	New 2 Ply Mod Bit roof system	20	New roof system consisting of R-25 NVS LWIC to acceptable substrate, mechanically fastened base sheet over new LWIC, base ply in hot asphalt and cap sheet in cold adhesive	>100,000	square foot	100 s.f.	
66	Wood Deck Removal	N/A	Complete removal of existing wood deck and install new wood decking	>1,000 but <10,000	square foot	100 s.f.	
67	Wood Deck Removal	N/A	Complete removal of existing wood deck and install new wood decking	>10,000 but <25,000	square foot	100 s.f.	
68	Wood Deck Removal	N/A	Complete removal of existing wood deck and install new wood decking	>25,000 but <50,000	square foot	100 s.f.	
69	Wood Deck Removal	N/A	Complete removal of existing wood deck and install new wood decking	>50,000 but <100,000	square foot	100 s.f.	
70	Wood Deck Removal	N/A	Complete removal of existing wood deck and install new wood decking	>100,000	square foot	100 s.f.	
71	Wood Deck Repair	N/A	Repair a wood deck	N/A	Square foot	100 s.f.	
72	Light-Weight Concrete Deck Removal	N/A	Complete removal of existing light-weight concrete and install new lightweight concrete	>1,000 but <10,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
73	Light-Weight Concrete Deck Removal	N/A	Complete removal of existing light-weight concrete and install new lightweight concrete	>10,000 but <25,000	square foot	100 s.f.	
74	Light-Weight Concrete Deck Removal	N/A	Complete removal of existing light-weight concrete and install new lightweight concrete	>25,000 but <50,000	square foot	100 s.f.	
75	Light-Weight Concrete Deck Removal	N/A	Complete removal of existing light-weight concrete and install new lightweight concrete	>50,000 but <100,000	square foot	100 s.f.	
76	Light-Weight Concrete Deck Removal	N/A	Complete removal of existing light-weight concrete and install new lightweight concrete	>100,000	square foot	100 s.f.	
77	Light-Weight Concrete Deck Removal	N/A	Repair existing Light-weight Concrete Deck	N/A	square foot	100 s.f.	
78	Gypsum Deck Removal	N/A	Complete removal of existing Gypsum Deck	>1,000 but <10,000	square foot	100 s.f.	
79	Gypsum Deck Removal	N/A	Complete removal of existing Gypsum Deck	>10,000 but <25,000	square foot	100 s.f.	
80	Gypsum Deck Removal	N/A	Complete removal of existing Gypsum Deck	>25,000 but <50,000	square foot	100 s.f.	
81	Gypsum Deck Removal	N/A	Complete removal of existing Gypsum Deck	>50,000 but <100,000	square foot	100 s.f.	
82	Gypsum Deck Removal	N/A	Complete removal of existing Gypsum Deck	>100,000	square foot	100 s.f.	
83	Gypsum Deck Repair	N/A	Repair existing Gypsum deck	N/A	square foot	100 s.f.	
84	Wet Insulation	-	Remove existing wet insulation as determined from roof scan and replace with specified product	unlimited	square foot	square foot	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
85	Roof Removal	-	Remove two roofs from existing assembly	unlimited	square foot	square foot	
86	Ballast/Pea Gravel Removal	-	Remove ballast or pea gravel from existing single ply, Mod Bit, or BUR roof with a vacuum truck and dispose of gravel off site.	Unlimited	Square foot	Square foot	
87	Tapered Insulation	-	¼" per ft tapered insulation system with a ½" minimum start	unlimited	board foot	board foot	
88	Tapered Insulation	-	1/8" per ft tapered insulation system with a ½" minimum start	Unlimited	Board ft	Board foot	
89	Walk Pads	-	Provide and install walkway pads	unlimited	square foot	square foot	
90	Expansion Joint	-	Provide and install bellows type building expansion joint	unlimited	lineal foot	lineal foot	
91	Wall Flashing	-	Install 12" wall flashing using mineral cap modified bitumen	unlimited	lineal foot	Per 10 lineal foot	
92	Gravel Stop Drip Edge	-	24 gauge gravel stop drip edge with a Kynar finish (standard color) and a 6" face	unlimited	lineal foot	lineal foot	
93	Coping	-	24 gauge metal coping with a Kynar finish (standard color), 12" wide with a continuous cleat	unlimited	lineal foot	lineal foot	
94	Coping	-	22 gauge metal coping with a Kynar finish (standard color), 12" wide with a continuous cleat	unlimited	lineal foot	lineal foot	
95	Counter Flashing	-	24 gauge metal counter flashing with a Kynar finish (standard color), 4" face	unlimited	lineal foot	lineal foot	
96	Counter Flashing	-	22 gauge metal counter flashing with a Kynar finish (standard color), 4" face	unlimited	lineal foot	lineal foot	
97	Counter Flashing	-	16 oz copper counter flashing, 4" face	unlimited	lineal foot	lineal foot	
98	Thru-wall Scupper	-	24 gauge metal thru-wall scupper with a Kynar finish (standard color) 8"	unlimited	lineal foot	lineal foot	
99	Thru-wall Scupper	-	22 gauge metal thru-wall scupper with a Kynar finish (standard color) 8"	unlimited	lineal foot	lineal foot	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
100	Conductor Head	-	24 gauge metal conductor head with a Kynar finish (standard color)	unlimited	lineal foot	lineal foot	
101	Conductor Head	-	22 gauge metal conductor head with a Kynar finish (standard color)	unlimited	lineal foot	lineal foot	
102	Box Gutter	-	24 gauge metal 7" box gutter with a Kynar finish (standard color)	unlimited	lineal foot	lineal foot	
103	Box Gutter	-	22 gauge metal 7" box gutter with a Kynar finish (standard color)	unlimited	lineal foot	lineal foot	
104	Down Spouts	-	24 gauge metal 4" x 4" down spouts with a Kynar finish (standard color)	unlimited	lineal foot	lineal foot	
105	Down Spouts	-	22 gauge metal 4" x 4" down spouts with a Kynar finish (standard color)	unlimited	lineal foot	lineal foot	
106	Metal Wall Panels	10 (with underlayment)	24 gauge 12" wide Vertical Flush wall panel with a Kynar finish including 18 ga galv. Vented hat channel and Self Adhering Underlayment Garland Rmer Wall Pan	>1,000 but <10,000	square foot	100 s.f.	
107	Metal Wall Panels	10 (with underlayment)	24 gauge 12" wide Vertical Flush wall panel with a Kynar finish including 18 ga galv. Vented hat channel and Self Adhering Underlayment Garland Rmer Wall Pan	>10,000 but <25,000	square foot	100 s.f.	
108	Metal Wall Panels	10 (with underlayment)	24 gauge 12" wide Vertical Flush wall panel with a Kynar finish including 18 ga galv. Vented hat channel and Self Adhering Underlayment Garland Rmer Wall Pan	>25,000 but <50,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
109	Metal Wall Panels	10 (with underlayment)	24 gauge 12'' wide Vertical Flush wall panel with a Kynar finish including 18 ga galv. Vented hat channel and Self Adhering Underlayment Garland Rmer Wall Pan	>50,000 but <100,000	square foot	100 s.f.	
110	Metal Wall Panels	10 (with underlayment)	24 gauge 12'' wide Vertical Flush wall panel with a Kynar finish including 18 ga galv. Vented hat channel and Self Adhering Underlayment Garland Rmer Wall Pan	>100,000	square foot	100 s.f.	
111	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12'' or 16'' panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – FW Series Panel	>1,000 but <10,000	square foot	100 s.f.	
112	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12'' or 16'' panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – FW Series Panel	>10,000 but <25,000	square foot	100 s.f.	
113	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12'' or 16'' panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – FW Series Panel	>25,000 but <50,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
114	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12’’ or 16’’ panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – FW Series Panel	>50,000 but <100,000	square foot	100 s.f.	
115	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12’’ or 16’’ panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – FW Series Panel	>100,000	square foot	100 s.f.	
116	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12’’,16’’, or 24’’ panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – Latitude Panel	>1,000 but <10,000	square foot	100 s.f.	
117	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12’’,16’’, or 24’’ panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – Latitude Panel	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
118	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12'',16'', or 24'' panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – Latitude Panel	>25,000 but <50,000	square foot	100 s.f.	
119	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12'',16'', or 24'' panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – Latitude Panel	>50,000 but <100,000	square foot	100 s.f.	
120	Metal Wall Panels	10 (with underlayment)	24 ga steel Kynar – Standard Colors – 12'',16'', or 24'' panels including 18 ga galv vented hat channel and Self Adhering Underlayment -IMETCO – Latitude Panel	>100,000	square foot	100 s.f.	
121	Rainscreen Insulation	N/A	Install Roxul insulation by -IMETCO Inteliscreen System	>1,000 but <10,000	square foot	100 s.f.	
122	Rainscreen Insulation	N/A	Install Roxul insulation by -IMETCO Inteliscreen System	>10,000 but <25,000	square foot	100 s.f.	
123	Rainscreen Insulation	N/A	Install Roxul insulation by -IMETCO Inteliscreen System	>25,000 but <50,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
124	Rainscreen Insulation	N/A	Install Roxul insulation by -IMETCO Inteliscreen System	>50,000 but <100,000	square foot	100 s.f.	
125	Rainscreen Insulation	N/A	Install Roxul insulation by -IMETCO Inteliscreen System	>100,000	square foot	100 s.f.	
126	Walls Increase / Decrease for Liquid Applied Air / Vapor Barrier	-	Install Liquid Applied Air & Vapor Barrier in lieu of the self adhering underlayment (for lines 111-120) over Masonry, Poly-Iso, Plywood, Ext. Gypsum Substrate	-	Square foot	-	
127	Walls Increase	-	Provide a premium upcharge to use 22 ga steel – standard colors – kynar in lieu of 24 ga steel (for lines 106-120)	-	Square foot	-	
128	Walls Increase	-	Provide a premium upcharge to use .040 aluminum – standard colors – kynar in lieu of 24 ga steel (for lines 106-120)	-	Square foot	-	
129	Walls Increase	-	Provide a premium upcharge to use .050 aluminum – standard colors – kynar in lieu of 24 ga steel (for lines 106-120)	-	Square foot	-	
130	Walls Increase	-	Provide a premium upcharge for a color selection included the manufacturer's full selection of solid colors – kynar – no specialty finishes or textures (for lines 106-120)	-	Square foot	-	
131	Walls Increase for Insulated Panels	-	Provide a premium upcharge (for lines 106-110) for supplying insulated panels in lieu of non-insulated panels.	-	Square foot	-	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
132	Raise Thru-wall flashing	-	Cut out 3 rows of brick and install new 16 oz (minimum) copper thru-wall flashing and install new brick to match existing	unlimited	lineal foot	lineal foot	
133	Repoint Deteriorated Mortar Joints	-	Remove deteriorated mortar joint and repoint to match existing joint	unlimited	lineal foot	lineal foot	
134	Masonry Waterproofing	-	Clean existing masonry and install a waterproofing/ damp proofing	unlimited	lineal foot	lineal foot	
135	Replacing Masonry	-	Removing existing masonry and replace with new to match existing	unlimited	square foot	Square foot	
136	Lead Pipe Flashing	-	Install 4" lead pipe flashing	unlimited	piece	each	
137	Curb Flashing	-	Install 4' x 6' curb flashing using mineral surfaced SBS modified bitumen with three coursed seams using aluminum fibered mastic and mesh	unlimited	piece	each	
138	Penetration flashing	-	Install liquid applied flashing around 4"-6" pipe	unlimited	piece	each	
139	Drain Flashing	-	Install 4" lead drain flashing	unlimited	piece	each	
140	Drain Strainer	-	Install new cast iron drain strainer	unlimited	piece	each	
141	RetroFit Drain	-	Install an OMG Hercules RetroFit drain	Unlimited	Piece	each	
142	Roof Increase	-	Provide premium percent increase (for items 38-67 if any) for roofs with 2 levels.	-	square foot	-	
143	Roof Increase	-	Provide premium percent increase (for items 38-67 if any) for roofs with 3 levels.	-	square foot	-	
144	Roof Increase	-	Provide premium percent increase (for items 38-67 if any) for roofs with more than 3 levels.	-	square foot	-	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
145	Roof Increase	-	Provide premium percent increase (for lines 41-65) to install the ½” cover board in High Rise Foam Insulation Adhesive in lieu of Hot Asphalt.	-	Square foot	-	
146	Roof Increase/ Decrease	-	Provide premium percent increase or decrease (for items 36-65 if any) for installing the base sheet and the cap sheet in Hot Asphalt.	-	Square foot	-	
147	Roof Increase / Decrease	-	Provide premium percent increase or decrease (for items 36-65 if any) for installing the base sheet and cap sheet in Cold Adhesive.	-	Square foot	-	
148	Roof Decrease – SINGLE PLY KEE ROOFING (FULLY ADHERED)	20	Provide a premium percent increase or decrease (for items 36-65 if any) for installing a SINGLE PLY KEE MEMBRANE, FULLY ADHERED IN COLD ADHESIVE, INCLUDING ½” Densdeck prime coverboard in Insulation adhesive in lieu of wood fiber.	-	Square foot	-	
149	Roof Increase	30	Provide premium percent increase (for items 36-65 if any) for a Bright White Reflective Mineral Cap Option with an SRI of 89 min.	-	Square foot	-	
150	Roof Increase	30	Provide premium percent increase (for items 36-65 if any) for installing a reflective aluminum roof coating as the surfacing over the mineral cap.	-	Square foot	-	
151	Roof Increase	30	Provide premium percent increase (for items 36-65 if any) for installing a Flood coat of Cold Asphalt Adhesive and pea gravel to the field of the roof and aluminum coating on the flashings.	-	Square foot	-	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
152	Roof Increase	30	Provide premium percent increase (for items 36-65 if any) for installing a Flood coat of Coal Tar Pitch - Cold Adhesive and pea gravel to the field of the roof and aluminum coating on the flashings.	-	Square foot	-	
1535	Roof Increase	30	Provide premium percent increase (for lines 36-65 if any) for installing a Coal Tar Pitch modified base & cap (mineral) in Cold Tar Pitch – Cold Adhesive.				
156	Roof Increase	30	Provide premium percent increase (for lines 36-65 if any) for installing a Coal Tar Pitch modified base and smooth cap in Cold Tar Pitch – Cold Adhesive with a flood coat of Coal Tar Pitch - Cold Adhesive and pea gravel to the field of the roof and aluminum coating on the flashings.				
157	Roof Increase	30	Provide premium percent increase (for items 36-65 if any) for a White KEE-Stone thermoplastic cap sheet in foam adhesive over a Hot Applied Base Sheet Option	-	Square foot	-	
158	Roof Increase	40	Provide premium percent increase (for items 36-65 if any) for installing a Urethane Modified Mineral Cap Sheet to qualify for 40 year warranty.	-	Square foot	-	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
159	Roof Increase	40	Provide premium percent increase (for items 36-65 if any) for installing a Urethane Modified Smooth Cap Sheet with a flood coat of cold asphalt adhesive and pea gravel as surfacing and aluminum coating on the flashings to qualify for 40 year warranty.	-	Square foot	-	
160	Roof Increase / Decrease	10	Provide a percent increase or decrease (for lines 36-40 if any) for installing the exact system over a Smooth BUR or Mod Bit or Granular Surfaced Mod Bit roof where existing gravel removal is not needed only removing loose minerals if any and install the ½” cover board in High Rise Foam Insulation Adhesive in lieu of mechanical fasteners.	-	Square foot	-	
161	Travel	-	Unit price for traveling over 50 miles per man day	-	day	day	
162	Traffic Membrane	10 Year Warranty	Polyurethane Elastomeric Coating Traffic System – Pedestrian Dura Walk	unlimited	square foot	100 s.f.	
163	Traffic Membrane	10 Year Warranty	Polyurethane Elastomeric Coating Traffic System – Vehicular Dura Walk	unlimited	square foot	100 s.f.	
164	Synthetic Liquid Rubber metal roof membrane	10 Year Warranty	Synthetic liquid rubber metal roof membrane system for steep slope roofs	unlimited	square foot	100 s.f.	
165	Roof Maintenance Coating	N/A	Apply a fibered aluminum roof coating with primer over an existing smooth built up or SBS modified bitumen roof. Silver Shield	>1,000 but <10,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
166	Roof Maintenance Coating	N/A	Apply a fibered aluminum roof coating with primer over an existing smooth built up or SBS modified bitumen roof. Silver Shield.	>10,000 but <25,000	square foot	100 s.f.	
167	Roof Maintenance Coating	N/A	Apply a fibered aluminum roof coating with primer over an existing smooth built up or SBS modified bitumen roof. Silver Shield	>25,000 but <50,000	square foot	100 s.f.	
168	Roof Maintenance Coating	N/A	Apply a fibered aluminum roof coating with primer over an existing smooth built up or SBS modified bitumen roof. Silver Shield	>50,000 but <100,000	square foot	100 s.f.	
169	Roof Maintenance Coating	N/A	Apply a fibered aluminum roof coating with primer over an existing smooth built up or SBS modified bitumen roof. Silver Shield	>100,000	square foot	100 s.f.	
170	Rubberized Asphalt Liquid Roof Membrane	5	Apply rubberized liquid asphalt roof membrane with primer and aluminum top coat over an existing smooth built up or SBS modified bitumen roof Energizer K + FR	>1,000 but <10,000	Square foot	100 s.f.	
171	Rubberized Asphalt Liquid Roof Membrane	5	Apply rubberized liquid asphalt roof membrane with primer and aluminum top coat over an existing smooth built up or SBS modified bitumen roof. Energizer K + FR.	>10,000 but <25,000	square feet	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
172	Rubberized Asphalt Liquid Roof Membrane	5	Apply rubberized liquid asphalt roof membrane with primer and aluminum top coat over an existing smooth built up or SBS modified bitumen roof. Energizer K + FR	>25,000 but <50,000	square feet	100 s.f	
173	Rubberized Asphalt Liquid Roof Membrane	5	Apply rubberized liquid asphalt roof membrane with primer an aluminum top coat over an existing smooth built up or SBS modified bitumen roof. Energizer K + FR	>50,000 but <100,000	square feet	100 s.f.	
174	Rubberized Asphalt Liquid Roof Membrane	5	Apply rubberized liquid asphalt roof membrane with primer an aluminum top coat over an existing smooth built up or SBS modified bitumen roof. Energizer K + FR	>100,000	Square feet	100 s.f.	
175	Reinforced Fibered Asphaltic Roof Coating	10	Apply fibered asphalt roof coating and embed full fabric reinforcement with primer and aluminum top coat over and existing smooth built up or SBS modified bitumen roof. Revitalizer	>1,000 but <10,000	square foot	100 s.f.	
176	Reinforced Fibered Asphaltic Roof Coating	10	Apply fibered asphalt roof coating and embed full fabric reinforcement with primer and aluminum top coat over and existing smooth built up or SBS modified bitumen roof. Revitalizer	>10,000 but <25,000	square foot	100 s.f.	
177	Reinforced Fibered Asphaltic Roof Coating	10	Apply fibered asphalt roof coating and embed full fabric reinforcement with primer and aluminum top coat over and existing smooth built up or SBS modified bitumen roof. Revitalizer	>25,000 but <50,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
178	Reinforced Fibered Asphaltic Roof Coating	10	Apply fibered asphalt roof coating and embed full fabric reinforcement with primer and aluminum top coat over and existing smooth built up or SBS modified bitumen roof Revitalizer	>50,000 but <100,000	square foot	100 s.f.	
179	Reinforced Fibered Asphaltic Roof Coating	10	Apply fibered asphalt roof coating and embed full fabric reinforcement with primer and aluminum top coat over and existing smooth built up or SBS modified bitumen roof. Revitalizer	>100,000	square foot	100 s.f.	
180	Asphaltic Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Weatherscreen	>1,000 but <10,000	Square foot	100 s.f.	
181	Asphaltic Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Weatherscreen	>10,000 but <25,000	Square foot	100 s.f.	
182	Asphaltic Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Weatherscreen	>25,000 but <50,000	Square foot	100 s.f.	
183	Asphaltic Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Weatherscreen	>50,000 but <100,000	Square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
184	Asphaltic Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Weatherscreen	>100,000	square foot	100 s.f.	
185	Coal Tar Pitch Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Black Knight Cold	>1,000 but <10,000	Square foot	100 s.f.	
186	Coal Tar Pitch Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Black Knight Cold	>10,000 but <25,000	Square foot	100 s.f.	
187	Coal Tar Pitch Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Black Knight Cold	>25,000 but <50,000	Square foot	100 s.f.	
188	Coal Tar Pitch Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Black Knight Cold	>50,000 but <100,000	Square foot	100 s.f.	
189	Coal Tar Pitch Restoration Flood Coat & Gravel	10	Remove loose gravel via vacuum or broom and rinse roof (or Hydro-Vac), Prime Roof and Install New Flood Coat and New Pea Gravel. Black Knight Cold	>100,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
190	Urethane Restoration Roof Coating For Single Ply Roofs	10	Install Urethane coating over a cleaned and repaired single ply roof. White Knight Plus	>1,000 but <10,000	Square foot	100 s.f.	
191	Urethane Restoration Roof Coating For Single Ply Roofs	10	Install Urethane coating over a cleaned and repaired single ply roof. White Knight Plus	>10,000 but <25,000	Square foot	100 s.f.	
192	Urethane Restoration Roof Coating For Single Ply Roofs	10	Install White Knight Plus Urethane coating over a cleaned and repaired single ply roof. White Knight Plus	>25,000 but <50,000	Square foot	100 s.f.	
193	Urethane Restoration Roof Coating For Single Ply Roofs	10	Install White Knight Plus Urethane coating over a cleaned and repaired single ply roof White Knight Plus	>50,000 but <100,000	Square foot	100 s.f.	
194	Urethane Restoration Roof Coating For Single Ply Roofs	10	Install White Knight Plus Urethane coating over a cleaned and repaired single ply roof. White Knight Plus	>100,000	square foot	100 s.f.	
195	Urethane Restoration Roof Coating For MB or BUR	15	Install Urethane coating over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. White Knight Plus	>1,000 but <10,000	Square foot	100 s.f.	
196	Urethane Restoration Roof Coating For MB or BUR	15	Install Urethane coating over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. White Knight Plus	>10,000 but <25,000	Square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
197	Urethane Restoration Roof Coating For MB or BUR	15	Install Urethane coating over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. White Knight Plus	>25,000 but <50,000	Square foot	100 s.f.	
198	Urethane Restoration Roof Coating For MB or BUR	15	Install Urethane coating over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. White Knight Plus	>50,000 but <100,000	Square foot	100 s.f.	
199	Urethane Restoration Roof Coating For MB or BUR	15	Install Urethane coating over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. White Knight Plus	>100,000	square foot	100 s.f.	
200	2-part Aliphatic Polyuria Liquid Roof Membrane For MB or BUR	20	Install 2-part coating over cleaned over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. Liqui-Tec	>1,000 but <10,000	Square foot	100 s.f.	
201	2-part Aliphatic Polyuria Liquid Roof Membrane For MB or BUR	20	Install 2-part coating over cleaned over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. Liqui-Tec	>10,000 but <25,000	Square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
202	2-part Aliphatic Polyuria Liquid Roof Membrane For MB or BUR	20	Install 2-part coating over cleaned over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. Liqui-Tec	>25,000 but <50,000	Square foot	100 s.f.	
203	2-part Aliphatic Polyuria Liquid Roof Membrane For MB or BUR	20	Install 2-part coating over cleaned over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. Liqui-Tec	>50,000 but <100,000	Square foot	100 s.f.	
204	2-part Aliphatic Polyuria Liquid Roof Membrane For MB or BUR	20	Install 2-part coating over cleaned over a cleaned and repaired smooth or mineral Mod Bit or BUR Roof including Full Fabric Reinforcement. Liqui-Tec	>100,000	square foot	100 s.f.	
205	Complete Roof Tear-off	n/a	Complete Tear-off of shingles to expose wood deck (under 9:12 slope)	unlimited	square foot	100 s.f.	
206	New Shingles	Limited shingle warranty	Install full self adhering ice & Water shield and new shingles per spec	>1,000 but <10,000	square foot	100 s.f.	
207	New Shingles	Limited shingle warranty	Install full self adhering ice & Water shield and new shingles per spec	>10,000 but <25,000	square foot	100 s.f.	
208	New Shingles	Limited shingle warranty	Install full self adhering ice & Water shield and new shingles per spec	>25,000 but <50,000	square foot	100 s.f.	
209	New Shingles	Limited shingle warranty	Install full self adhering ice & Water shield and new shingles per spec	>50,000 but <100,000	square foot	100 s.f.	
210	New Shingles	Limited shingle warranty	Install full self adhering ice & Water shield and new shingles per spec	>100,000	square foot	100 s.f.	
211	Metal Roofing	25	12" ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories including underlayment over a solid substrate	>1,000 but <10,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
212	Metal Roofing	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories including underlayment over a solid substrate	>10,000 but <25,000	square foot	100 s.f.	
213	Metal Roofing	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories including underlayment over a solid substrate	>25,000 but <50,000	square foot	100 s.f.	
214	Metal Roofing	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories including underlayment over a solid substrate	>50,000 but <100,000	square foot	100 s.f.	
215	Metal Roofing	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories including underlayment over a solid substrate	>100,000	square foot	100 s.f.	
216	Metal Roofing Retro-Fit	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>1,000 but <10,000	square foot	100 s.f.	
217	Metal Roofing Retro-Fit	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>10,000 but <25,000	square foot	100 s.f.	
218	Metal Roofing Retro-Fit	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>25,000 but <50,000	square foot	100 s.f.	
219	Metal Roofing Retro-Fit	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>50,000 but <100,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
220	Metal Roofing Retro-Fit	25	12'' ZIP-RIB PANEL by Imetco, .040 alum, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>100,000	square foot	100 s.f.	
221	Metal Roofing	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories including underlayment over a solid substrate	>10,000 but <25,000	square foot	100 s.f.	
222	Metal Roofing	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories including underlayment over a solid substrate	>25,000 but <50,000	square foot	100 s.f.	
224	Metal Roofing	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories including underlayment over a solid substrate	>50,000 but <100,000	square foot	100 s.f.	
225	Metal Roofing	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories including underlayment over a solid substrate	>100,000	square foot	100 s.f.	
226	Metal Roofing Retro-Fit	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>1,000 but <10,000	square foot	100 s.f.	
227	Metal Roofing Retro-Fit	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>10,000 but <25,000	square foot	100 s.f.	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
228	Metal Roofing Retro-Fit	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>25,000 but <50,000	square foot	100 s.f.	
229	Metal Roofing Retro-Fit	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>50,000 but <100,000	square foot	100 s.f.	
230	Metal Roofing Retro-Fit	30	12'' RMER SPAN PANEL by Garland, 24 ga galv steel, kynar, standard colors and all accessories over an existing metal roof using a Top Hat or Roof Hugger Framing System.	>100,000	square foot	100 s.f.	
231	Metal Roofing Increase / Decrease		Provide an Increase / Decrease to install a 16'' panel in lieu of a 12'' panel for lines 241-250.	-	Square foot	-	
232	Metal Roofing Increase / Decrease		Provide an Increase / Decrease to install an 18'' panel in lieu of a 12'' panel for lines 241-250.	-	Square foot	-	
233	Metal Roofing Increase / Decrease		Provide an Increase / Decrease to install a 22 ga steel, kynar, standard colors panel in lieu of a 24 ga panel for lines 241-250.	-	Square foot	-	
234	Metal Roofing Increase / Decrease		Provide an Increase / Decrease to install a .040 Aluminum, kynar, standard colors panel in lieu of a 24 ga panel for lines 241-250	-	Square foot	-	
235	Metal Roofing Increase / Decrease		Provide an Increase / Decrease to install a .050 Aluminum, kynar, standard colors panel in lieu of a 24 ga panel for lines 241-250	-	Square foot	-	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
236	Metal Roofing Increase / Decrease		Provide premium percent increase (for items 241-250 if any) for Upgraded Color Section from Manufacturer's Full Selection (solid colors only – No custom colors or specialty finishes)	-	Square foot	-	
237	Metal Soffit Panels	n/a	Unit cost to install flush metal soffit panels, .032 alum, kynar, 20 year finish warranty. Imetco – FW Panel	-	Square foot	-	
238	Access Ladders		Roof ladder, security ladder guard				
239	Access Ladders		Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code			EA	
240	Access Ladders		Roof ladder, steel, bolted to concrete, up to 20 feet, without cage			EA	
241	Professional Services		Asbestos Core Testing and analysis (testing only, excludes labor for sampling and repair)	Unlimited	Per sample / one core cut	EA	
242	Professional Services		Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	>1,000 but <10,000	square foot	EA	
243	Professional Services		Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	>10,000 but <25,000	square foot	EA	
244	Professional Services		Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	>25,000 but <50,000	square foot	EA	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
245	Professional Services		Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	>50,000 but <100,000	square foot	EA	
246	Professional Services		Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	>100,000	square foot	EA	
247	Professional Services		Visual Roof Survey with core cuts (one per roof section) and photo report including findings, delivered and stored via an electronic data base such as Garland's RAMP Program.	>1,000 but <10,000	square foot	EA	
248	Professional Services		Visual Roof Survey with core cuts (one per roof section) and photo report including findings, delivered and stored via an electronic data base such as Garland's RAMP Program.	>10,000 but <25,000	square foot	EA	
249	Professional Services		Visual Roof Survey with core cuts (one per roof section) and photo report including findings, delivered and stored via an electronic data base such as Garland's RAMP Program.	>25,000 but <50,000	square foot	EA	
250	Professional Services		Visual Roof Survey with core cuts (one per roof section) and photo report including findings, delivered and stored via an electronic data base such as Garland's RAMP Program.	>50,000 but <100,000	square foot	EA	
251	Professional Services		Visual Roof Survey with core cuts (one per roof section) and photo report including findings, delivered and stored via an electronic data base such as Garland's RAMP Program.	>100,000	square foot	EA	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
252	Professional Services		Shop drawings by roofing manufacturer including project specific details and roof plan.	>1,000 but <10,000	square foot	EA	
253	Professional Services		12''x12'' Core Cut with analysis including existing Tensile Tear Strength in the existing roof membrane to determine if roof can be restored rather than replaced.	Unlimited	Square foot	EA	
254	Professional Services		Shop drawings by roofing manufacturer including project specific details and roof plan.	>10,000 but <25,000	square foot	EA	
255	Professional Services		Shop drawings by roofing manufacturer including project specific details and roof plan.	>25,000 but <50,000	square foot	EA	
256	Professional Services		Shop drawings by roofing manufacturer including project specific details and roof plan.	>50,000 but <100,000	square foot	EA	
257	Professional Services		Shop drawings by roofing manufacturer including project specific details and roof plan.	>1,000 but <10,000	square foot	EA	
258	Professional Services		Architect/design professional services including project bid documents such as but not limited to full set of project specifications, site specific details, roof plan by a Kentucky licensed Design Professional.	>1,000 but <10,000	square foot	EA	
259	Professional Services		Architect/design professional services including project bid documents such as but not limited to full set of project specifications, site specific details, roof plan by a Kentucky licensed Design Professional.	>10,000 but <25,000	square foot	EA	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
260	Professional Services		Architect/design professional services including project bid documents such as but not limited to full set of project specifications, site specific details, roof plan by a Kentucky licensed Design Professional.	>25,000 but <50,000	square foot	EA	
261	Professional Services		Architect/design professional services including project bid documents such as but not limited to full set of project specifications, site specific details, roof plan by a Kentucky licensed Design Professional.	>50,000 but <100,000	square foot	EA	
262	Professional Services		Architect/design professional services including project bid documents such as but not limited to full set of project specifications, site specific details, roof plan by a Kentucky licensed Design Professional.	>100,000	square foot	EA	
263	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure: for low and steep sloped structural deck systems including the following deck types: Structural Concrete, Metal, Gypsum, Tectum, Wood and others by a Kentucky licensed PE.	>1,000 but <10,000	square foot	EA	
264	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure: for low and steep sloped structural deck systems including the following deck types: Structural Concrete, Metal, Gypsum, Tectum, Wood and others by a Kentucky licensed PE.	>10,000 but <25,000	square foot	EA	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
265	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure: for low and steep sloped structural deck systems including the following deck types: Structural Concrete, Metal, Gypsum, Tectum, Wood and others by a Kentucky licensed PE.	>25,000 but <50,000	square foot	EA	
266	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure: for low and steep sloped structural deck systems including the following deck types: Structural Concrete, Metal, Gypsum, Tectum, Wood and others by a Kentucky licensed PE.	>50,000 but <100,000	square foot	EA	
267	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure: for low and steep sloped structural deck systems including the following deck types: Structural Concrete, Metal, Gypsum, Tectum, Wood and others by a Kentucky licensed PE.	>100,000	square foot	EA	
268	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure that has an existing metal roof system spanning directly over open framing. Non- Pre-engineered metal Building System by a Kentucky licensed PE.	>1,000 but <10,000	square foot	EA	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
269	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure that has an existing metal roof system spanning directly over open framing. Non- Pre-engineered metal Building System by a Kentucky licensed PE.	>10,000 but <25,000	square foot	EA	
270	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure that has an existing metal roof system spanning directly over open framing. Non- Pre-engineered metal Building System by a Kentucky licensed PE.	>25,000 but <50,000	square foot	EA	
271	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure that has an existing metal roof system spanning directly over open framing. Non- Pre-engineered metal Building System by a Kentucky licensed PE.	>50,000 but <100,000	square foot	EA	
272	Professional Services		Structural Analysis including allowable acceptable load capacity of an existing structure that has an existing metal roof system spanning directly over open framing. Non- Pre-engineered metal Building System by a Kentucky licensed PE.	>100,000	square foot	EA	
273	Professional Services		Other Engineering Services such as but not limited to structural evaluations for Pre-Engineered Metal Buildings or other Structural Analysis's by a Kentucky licensed PE	Unlimited	Hourly Rate	-	

Item #	Item	Warranty Period	Comments	Quantity	Measuring Unit	Units	Total cost \$ (bidder to enter)
274	Professional Services		Roof Fastener Pull Tests	Unlimited	Square foot	EA	
275	Professional Services		Wind Uplift Design Calculations	unlimited	Square foot	Per project	
276	Professional Services		Roof or Gutter Drainage Capacity Calculations by a Kentucky licensed PE	Unlimited	Square foot	Per project	
277	Professional Services		Dew Point Calculations	Unlimited	Square foot	Per project	
278	Professional Services		Project Life-Cycle Cost Calculation	Unlimited	Square foot	Per project	
279	Professional Services		On-Site Quality Control Inspections with Report from Manufacturer's Rep 2 - 3 Days per Week	Unlimited	Per Week	2-3 days	
280	Professional Services		Project Design Assistance - Hourly Rate for Consultations with Architect of Record provided by the roofing system manufacturer's technical representative	Unlimited	Per Hour	Per project	
281	Professional Services		Roof Asset Management with Reports and Budgeting Spreadsheets for capital planning (ie. 5-10 year master roof plans)	Unlimited	Per School	One School	

Bidders shall provide a history of a minimum of 10 past bid projects of specified systems at or above 40,000 square feet in area. Include total construction cost, square foot area of roof and date of bid. Provide at least one price and area for each the following:

1. Modified Bitumen system over R-25 polyisocyanurate insulation as specified
2. Modified Bitumen over R-25 Lightweight concrete fill as specified.
3. Standing Seam Metal Roofing over R-25 polyisocyanurate insulation as specified.
4. Provide at least 2 prices and costs for reroofing projects that include removal of existing roof systems. (please specify existing roof system).