

RFP 22-204 ROOFING, CONSTRUCTION AND REPAIR SERVICES
BID TABULATION
SUWANNEE COUNTY SCHOOL DISTRICT
1740 OHIO STREET, SOUTH
LIVE OAK, FL 32064

UNIT COST DATA FOR ALL COST CATEGORIES
COVERING ROOF INSTALLATION

A.**ROOFING ITEMS**

O'Neal
Roofing
Company

Advanced
Roofing, Inc.

Energy
Roofing Co.

I.**GENERAL CONDITIONS:**

REQUIRED SAFETY FENCING (6' CHAIN LINK)		LF	\$	6.00	\$	8.00
CRANE SERVICE		HR	\$	110.00	\$	550.00
TELESCOPIC LIFT UP TO 60'		WK	\$	1,690.00	\$	3,300.00
EQUIPMENT RENTAL	COST +	%		12%		15%
MANUFACTURERS WARRANTY	COST +	%		12%		15%
SITE PREPARATION (NECESSARY FILL & SEEDING)		SF	\$	1.00	\$	5.00
SITE PREPARATION (NECESSARY FILL & SOD)		SF	\$	1.50	\$	9.00
BUILDERS RISK INSURANCE	COST +	%		10%		15%
PERMIT (IF REQUIRED)	COST +	%		15%		15%
MEMBRANE ROOF						
15 YEAR NO PENAL SUM WARRANTY		%		15%		15%
20 YEAR NO PENAL SUM WARRANTY	COST +	%		15%		15%
25 YEAR NO PENAL SUM WARRANTY	COST +	%		15%		15%
30 YEAR NO PENAL SUM WARRANTY	COST +	%		15%		15%
METAL ROOF						
20 YEAR WATER TIGHTNESS WARRANTY	COST +	%		15%		15%
PROVIDE THERMAL SCAN	COST +	%		15%		20%
PROVIDE PORTABLE TOILET	COST +	%		10%		15%

II.**DEMOLITION: FLAT ROOF AREAS:**

1 PREP ROOF FOR RECOVER SYSTEM		SF	\$	0.50	\$	1.80	Declined to Submit
2 REMOVE SINGLE PLY ROOFING		SF	\$	0.50	\$	1.50	
1 REMOVE GRAVEL SURFACED BUILT UP ROOFING		SF	\$	1.00	\$	2.50	
2 SPUD GRAVEL SURFACED BUILT UP ROOFING		SF	\$	0.85	\$	1.80	
3 REMOVE SPRAY FOAM OVER ROOFING		SF	\$	1.50	\$	2.50	
4 REMOVE MODIFIED BITUMEN ROOFING		SF	\$	0.75	\$	2.50	
5 REMOVE SLICK TOP BUILT-UP ROOFING:		SF	\$	0.75	\$	2.50	
6 REMOVE METAL PURLINS UP TO 8"		LF	\$	1.50	\$	6.50	
6 PROVIDE ASBESTOS SURVEY	COST +	%		10%		20%	
6 PROVIDE ASBESTOS ABATEMENT	COST +	%		10%		20%	
7 REMOVE/DISPOSE OF ASBESTOS ROOFING	COST +	%		10%		20%	
8 REMOVE METAL DECKING		SF	\$	1.25	\$	9.50	
9 REMOVE TECTUM/WOODFIBER DECKING		SF	\$	1.50	\$	9.50	
9 REMOVE RIGID INSULATION UP TO 3"		SF	\$	0.85	\$	7.50	
10 REMOVE RIGID INSULATION; ADD PER INCH		SF	\$	0.03	\$	3.50	

11 REMOVE TAPERED INSULATION	SF	\$	1.00	\$	3.50
12 REMOVE ROOF EDGE METAL	LF	\$	1.35	\$	8.00
13 REMOVE FASCIA METAL; NOT TO EXCEED 16" S/O	LF	\$	1.50	\$	8.00
14 REMOVE VERTICAL FASCIA PANELS & TRIM	SF	\$	0.85	\$	7.00
15 REMOVE SOFFIT PANELS & TRIM	SF	\$	0.85	\$	5.80
16 REMOVE GUTTER:	LF	\$	1.50	\$	4.50
17 REMOVE DOWNSPOUTS; NOT TO EXCEED 30' HIGH	LF	\$	1.50	\$	3.00
18 REMOVE DOWNSPOUT: ABOVE 30' HIGH	LF	\$	2.50	\$	4.50
19 REMOVE COPING METAL	LF	\$	2.00	\$	4.50
20 REMOVE WALL SCUPPER	EA	\$	75.00	\$	250.00
21 REMOVE LEADERHEAD	EA	\$	60.00	\$	250.00
22 REMOVE EXPANSION JOINT COVER	LF	\$	2.25	\$	6.00
23 REMOVE PITCH PANS	EA	\$	25.00	\$	175.00
24 CLEAN / PREP ROOF DRAINS	EA	\$	150.00	\$	125.00
25 REMOVE ROOF DRAINS UP TO 6"	EA	\$	125.00	\$	800.00
26 REMOVE SOIL PIPE FLASHING	EA	\$	25.00	\$	250.00
27 REMOVE WALL FLASHING MEMBRANE	SF	\$	2.00	\$	8.00
28 REMOVE COUNTER FLASHING	LF	\$	1.25	\$	4.00
29 REMOVE BASE FLASHING @ CURB UP TO 24"	LF	\$	2.75	\$	12.00
30 REMOVE LIGHTNING ARREST SYSTEM	LF	\$	2.00	\$	3.50
31 REMOVE PIPE FLASHING UP TO 24" ROUND	EA	\$	60.00	\$	175.00
32 REMOVE TRAFFIC PAD	LF	\$	1.50	\$	6.00
33 REMOVE HVAC CONDENSATION LINES	LF	\$	1.00	\$	2.25
34 REMOVE SATELLITE: TO BE RE-ALIGNED BY OWNER	EA	\$	100.00	\$	600.00
35 REMOVE WOOD BLOCKING	BF	\$	1.50	\$	2.50
36 REMOVE WOOD DECKING UP TO 3/4" PLYWOOD	BF	\$	1.75	\$	2.50
37 REMOVE DECK VENTS	EA	\$	15.00	\$	85.00
38 SPUD EXISTING GRAVEL AT TIE-IN	SF	\$	6.50	\$	7.00
39 DISPOSAL FEE	CY	\$	75.00	\$	65.00

III. SHEET METAL: 24 GA. TPO COATED METAL

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF	\$	19.50	\$	14.00
2 PROVIDE 24 GA. TPO COATED FLAT SHEET METAL	SF	\$	10.00	\$	6.50

IV. SHEET METAL: .032 ALUMINUM PAINTED KYNAR FINISH

FURNISH ALL MATERIAL AND:

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF	\$	11.50	\$	16.00
2 INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF	\$	12.50	\$	18.00
3 INSTALL SOFFIT PANELS AND TRIM	SF	\$	9.25	\$	7.50
4 INSTALL VERTICAL FASCIA PANELS	SF	\$	9.25	\$	4.50
5 INSTALL COPING METAL: UP TO 24" S/O	LF	\$	19.50	\$	18.00
6 INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF	\$	18.25	\$	14.00
7 INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF	\$	12.00	\$	9.50
8 INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF	\$	22.25	\$	7.50
9 INSTALL BOX GUTTER: UP TO 30" S/O	LF	\$	21.00	\$	18.50
10 INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF	\$	17.00	\$	9.50
11 INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA	\$	275.00	\$	265.00
12 INSTALL LEADERHEAD: UP TO 24" WIDE	EA	\$	375.00	\$	400.00

V. SHEET METAL: .040 ALUMINUM PAINTED KYNAR FINISH

FURNISH ALL MATERIAL AND:

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF \$	12.50	\$	14.00
2 INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF \$	13.50	\$	16.00
3 INSTALL COPING METAL: UP TO 24" S/O	LF \$	20.00	\$	18.00
4 INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF \$	19.00	\$	16.00
5 INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF \$	13.00	\$	11.00
6 INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF \$	23.00	\$	9.00
7 INSTALL BOX GUTTER: UP TO 30" S/O	LF \$	21.50	\$	20.00
8 INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF \$	18.00	\$	11.00
9 INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA \$	300.00	\$	300.00
10 INSTALL LEADERHEAD: UP TO 24" WIDE	EA \$	400.00	\$	425.00

VI.**SHEET METAL: .032 ALUMINUM MILL FINISH****FURNISH ALL MATERIAL AND:**

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF \$	11.00	\$	13.00
2 INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF \$	12.00	\$	15.00
3 INSTALL COPING METAL: UP TO 24" S/O	LF \$	19.00	\$	16.00
4 INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF \$	17.00	\$	15.00
5 INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF \$	12.00	\$	12.00
6 INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF \$	22.50	\$	10.00
7 INSTALL BOX GUTTER: UP TO 30" S/O	LF \$	20.25	\$	18.00
8 INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF \$	17.00	\$	11.00
9 INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA \$	260.00	\$	300.00
10 INSTALL LEADERHEAD: UP TO 24" WIDE	EA \$	360.00	\$	400.00

VII.**SHEET METAL: .040 ALUMINUM MILL FINISH****FURNISH ALL MATERIAL AND:**

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF \$	12.50	\$	13.00
2 INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF \$	13.00	\$	15.00
3 INSTALL COPING METAL: UP TO 24" S/O	LF \$	20.00	\$	16.00
4 INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF \$	18.50	\$	12.00
5 INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF \$	12.50	\$	12.00
6 INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF \$	23.50	\$	11.00
7 INSTALL BOX GUTTER: UP TO 30" S/O	LF \$	21.00	\$	19.00
8 INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF \$	18.00	\$	12.00
9 INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA \$	265.00	\$	325.00
10 INSTALL LEADERHEAD: UP TO 24" WIDE	EA \$	365.00	\$	425.00

VIII.**SHEET METAL: 24 GA. MILL FINISH****FURNISH ALL MATERIAL AND:**

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF \$	10.50	\$	10.00
2 INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF \$	12.50	\$	12.00
3 INSTALL SOFFIT PANELS AND TRIM	SF \$	9.00	\$	10.00
4 INSTALL VERTICAL FASCIA PANELS	SF \$	9.00	\$	10.00
5 INSTALL COPING METAL: UP TO 24" S/O	LF \$	17.00	\$	14.00
6 INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF \$	17.00	\$	12.00
7 INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF \$	12.00	\$	11.00
8 INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF \$	19.00	\$	10.00
9 INSTALL BOX GUTTER: UP TO 30" S/O	LF \$	19.00	\$	13.00
10 INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF \$	17.00	\$	9.00

11 INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA	\$	300.00	\$	350.00
12 INSTALL LEADERHEAD: UP TO 24" WIDE	EA	\$	400.00	\$	350.00

IX. SHEET METAL: 24 GA. PAINTED KYNAR 500 FINISH
FURNISH ALL MATERIAL AND:

1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF	\$	12.00	\$	13.00
2 INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF	\$	12.50	\$	13.00
3 INSTALL SOFFIT PANELS AND TRIM	SF	\$	9.00	\$	12.00
4 INSTALL VERTICAL FASCIA PANELS	SF	\$	9.00	\$	13.00
5 INSTALL COPING METAL: UP TO 24" S/O	LF	\$	20.00	\$	14.00
6 INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF	\$	18.00	\$	14.00
7 INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF	\$	12.50	\$	12.00
8 INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF	\$	21.50	\$	12.00
9 INSTALL BOX GUTTER: UP TO 30" S/O	LF	\$	20.50	\$	13.50
10 INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF	\$	18.50	\$	10.00
11 INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA	\$	300.00	\$	375.00
12 INSTALL LEADERHEAD: UP TO 24" WIDE	EA	\$	400.00	\$	375.00

X. NEW ROOF SYSTEM: NAILABLE DECK
MECHANICALLY ATTACHED WITH FASTENERS UP TO 8"

1 INSTALL 3 OZ. POLYESTER SLIP SHEET	SF	\$	0.50	\$	2.25
2 INSTALL 40 MIL TPO MEMBRANE	SF	\$	5.00	\$	6.50
3 INSTALL 60 MIL TPO MEMBRANE	SF	\$	5.25	\$	7.50
4 INSTALL 80 MIL TPO MEMBRANE	SF	\$	6.35	\$	8.50
5 INSTALL 40 MIL TPO FB MEMBRANE	SF		N/A	\$	7.00
6 INSTALL 60 MIL TPO FB MEMBRANE	SF	\$	6.10	\$	8.75
7 INSTALL 80 MIL TPO FB MEMBRANE	SF	\$	7.00	\$	10.25
8 INSTALL 60 MIL TPO WALL FLASHING	SF	\$	7.25	\$	7.50

XI. NEW ROOF SYSTEM: NAILABLE DECK
ADHERED SYSTEM

1 INSTALL 40 MIL TPO MEMBRANE	SF	\$	4.75	\$	6.50
2 INSTALL 60 MIL TPO MEMBRANE	SF	\$	5.00	\$	7.50
3 INSTALL 80 MIL TPO MEMBRANE	SF	\$	6.10	\$	8.50
4 INSTALL 40 MIL TPO FB MEMBRANE	SF		N/A	\$	7.25
5 INSTALL 60 MIL TPO FB MEMBRANE	SF	\$	6.00	\$	9.00
6 INSTALL 80 MIL TPO FB MEMBRANE	SF	\$	7.00	\$	11.00
7 INSTALL 60 MIL TPO WALL FLASHING	SF	\$	7.25	\$	7.50

XII. NEW ROOF SYSTEM: NAILABLE DECK
FURNISH ALL MATERIAL AND:
HOT ASPHALT WITH GRAVEL SURFACE

1 INSTALL TEMPORARY ROOF; BASE SHEET, TWO (2) PLIES OF TYPE IV FELT, GLAZE COATED	SF	\$	3.65	\$	8.25
2 INSTALL FIBERGLASS BASE SHEET	SF	\$	1.85	\$	4.25
3 INSTALL THREE (3) PLIES OF TYPE IV FELT	SF	\$	4.25	\$	12.65
4 INSTALL FOUR (4) PLIES OF TYPE IV FELT	SF	\$	4.75	\$	14.50
5 INSTALL THREE (3) PLIES OF TYPE VI FELT	SF	\$	4.35	\$	14.65
6 INSTALL FOUR (4) PLIES OF TYPE VI FELT	SF	\$	4.90	\$	16.50

XIII. NEW ROOF SYSTEM: NON-NAILABLE DECK

FURNISH ALL MATERIAL AND:
HOT ASPHALT WITH GRAVEL SURFACE

1	INSTALL TEMPORARY ROOF; BASE SHEET, TWO (2) PLIES OF TYPE IV FELT, GLAZE COATED	SF	\$	3.00	\$	8.25
2	INSTALL FIBERGLASS BASE SHEET	SF	\$	1.25	\$	4.25
3	INSTALL THREE (3) PLIES OF TYPE IV FELT	SF	\$	4.25	\$	12.65
4	INSTALL FOUR (4) PLIES OF TYPE IV FELT	SF	\$	4.30	\$	14.50
5	INSTALL THREE (3) PLIES OF TYPE VI FELT	SF	\$	4.35	\$	14.50
6	INSTALL FOUR (4) PLIES OF TYPE VI FELT	SF	\$	4.75	\$	16.50

XIV. NEW ROOF SYSTEM: NAILABLE DECK

FURNISH ALL MATERIAL AND:
HOT ASPHALT WITH CAP SHEET

1	INSTALL MODIFIED BITUMEN BASE SHEET (JM DYNA BASE OR OWNER APPROVED EQUAL)	SF	\$	1.90	\$	6.85
2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	\$	2.60	\$	7.85
3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	\$	3.25	\$	8.25
	INSTALL MODIFIED BITUMEN WALL FLASHING					
4	SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	\$	6.00	\$	5.25

XV. NEW ROOF SYSTEM: NON-NAILABLE DECK

FURNISH ALL MATERIAL AND:
HOT ASPHALT WITH CAP SHEET

1	INSTALL MODIFIED BITUMEN BASE SHEET (JM DYNA BASE OR OWNER APPROVED EQUAL)	SF	\$	1.90	\$	7.25
2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	\$	2.60	\$	8.25
3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	\$	3.25	\$	9.50
	INSTALL MODIFIED BITUMEN WALL FLASHING					
4	SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	\$	6.00	\$	6.00

XVI. NEW ROOF SYSTEM: NAILABLE DECK

FURNISH ALL MATERIAL AND:
COLD PROCESS WITH CAP SHEET

1	INSTALL MODIFIED BITUMEN BASE SHEET (JM DYNA BASE OR OWNER APPROVED EQUAL)	SF	\$	2.25	\$	6.50
2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	\$	2.75	\$	8.25
3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	\$	3.50	\$	9.50
	INSTALL MODIFIED BITUMEN WALL FLASHING					
4	SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	\$	6.00	\$	7.50

XVII. NEW ROOF SYSTEM: NON-NAILABLE DECK
FURNISH ALL MATERIAL AND:
COLD PROCESS WITH CAP SHEET

1	INSTALL MODIFIED BITUMEN BASE SHEET (JM DYNA BASE OR OWNER APPROVED EQUAL)	SF	\$	2.25	\$	6.75
2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	\$	2.75	\$	8.50
3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	\$	3.50	\$	11.50
	INSTALL MODIFIED BITUMEN WALL FLASHING					
4	SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	\$	6.00	\$	9.50

XVIII. NEW ROOF SYSTEM: NAILABLE DECK
FURNISH ALL MATERIAL AND:
TORCH APPLIED

1	INSTALL TYPE IV FIBERGLASS FELT (JM GLASPLY PREMIER OR OWNER APPROVED EQUAL)	SF	\$	1.20	\$	7.25
2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNAWELD BASE OR OWNER APPROVED EQUAL)	SF	\$	2.50	\$	7.25
3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA WELD CAP FR OR OWNER APPROVED EQUAL)	SF	\$	2.60	\$	11.50
4	INSTALL MODIFIED BITUMEN WALL FLASHING	SF	\$	5.50	\$	7.50

XIX. MISC ITEMS
FURNISH ALL MATERIAL AND:

1	PRESSURE WASHING	SF	\$	0.60	\$	0.50
2	INSTALL MEMBRANE USING 2 PART URETHANE ADHESIVE	SF	\$	1.90	\$	10.00
3	INSTALL INSULATION/COVERBOARD USING 2 PART URETHANE ADHESIVE	SF	\$	1.90	\$	12.50
4	INSTALL MODIFIED BITUMEN BASE FLASHING @ CURBS UP TO 24" HIGH	LF	\$	18.00	\$	18.00
5	INSTALL LEAD FLASHING AT VTR 1 - 1/2" - 6"	EA	\$	85.00	\$	250.00
6	FLASH ROOF DRAINS AS PER MANUF. REQUIREMENTS	EA	\$	300.00	\$	860.00
7	INSTALL ONE WAY DECK VENTS	EA	\$	120.00	\$	320.00
8	INSTALL PITCH PANS UP TO 12" X 12"	EA	\$	210.00	\$	210.00
9	INSTALL TRAFFIC PAD	SF	\$	10.00	\$	19.00
10	INSTALL WOOD BLOCKING	BF	\$	4.80	\$	2.20
11	INSTALL WOOD DECKING	BF	\$	6.00	\$	1.95
12	INSTALL 22 GA. TYPE B G-60 METAL DECK	SF	\$	6.50	\$	19.50
13	INSTALL METAL PURLINS UP TO 8"	LF	\$	12.50	\$	19.00
14	INSTALL TECTUM/WOODFIBER DECK	SF	\$	21.00	\$	24.50
15	INSTALL 16 GA. 2" ROOF HUGGERS W/ FASTENERS	LF	\$	10.50	\$	17.00
16	INSTALL ROOF DRAIN UP TO 6"	EA	\$	700.00	\$	2,800.00
17	INSTALL ROOF DRAIN PIPING UP TO 6" WITH FITTINGS	LF	\$	20.00	\$	54.00
18	INSTALL S-50 ROOF HATCH WITH LADDER UP ATTACHMENT	EA	\$	2,300.00	\$	3,250.00
19	REMOVE / REINSTALL ROOF TOP EQUIPMENT COST +	%		20%		25%
20	REMOVE / INSTALL ROOF TOP ITEMS COST +	%		20%		25%

XX. INSULATION: HOT ASPHALT

FURNISH ALL MATERIAL AND:

1 INSTALL POLY ISO INSULATION	BF \$	1.80	\$	5.25
2 INSTALL PERLITE INSULATION	BF \$	2.00	\$	4.25
3 INSTALL 1/2" DENSDECK	SF \$	2.45	\$	3.25
4 INSTALL 1/4" DENSDECK	SF \$	2.30	\$	2.75
5 INSTALL 1/4" DURA BOARD	SF \$	2.30	\$	3.25
6 INSTALL 1/2" DURA BOARD	SF \$	2.45	\$	4.50
7 INSTALL 1/4" TAPERED ISO SYSTEM	SF \$	3.75	\$	5.25
8 INSTALL 1/8" TAPERED ISO SYSTEM	SF \$	2.65	\$	4.25
9 INSTALL 1/2" ISO CRICKETS	SF \$	4.25	\$	5.00
10 INSTALL 1/4" TAPERED PERLITE SYSTEM	SF \$	5.00	\$	4.25
11 INSTALL 1/8" TAPERED PERLITE SYSTEM	SF \$	4.00	\$	4.00
12 INSTALL 1" PERLITE FILL	SF \$	2.00	\$	3.50
13 INSTALL 2" PERLITE FILL	SF \$	3.25	\$	7.00
14 INSTALL 1" ISO FILL	SF \$	2.00	\$	6.00
15 INSTALL 2" ISO FILL	SF \$	2.90	\$	8.50

XXI. INSULATION: MECHANICALLY ATTACHED**FURNISH ALL MATERIAL AND:**

1 INSTALL POLY ISO INSULATION	BF \$	2.00	\$	3.25
2 INSTALL PERLITE INSULATION	BF \$	2.75	\$	2.50
3 INSTALL 1/2" DENSDECK	SF \$	2.45	\$	2.75
4 INSTALL 1/4" DENSDECK	SF \$	2.25	\$	2.50
5 INSTALL 1/4" DURA BOARD	SF \$	2.25	\$	2.75
6 INSTALL 1/2" DURA BOARD	SF \$	2.45	\$	2.50
7 INSTALL 1/4" TAPERED ISO SYSTEM	SF \$	4.25	\$	4.50
8 INSTALL 1/8" TAPERED ISO SYSTEM	SF \$	4.00	\$	4.50
9 INSTALL 1/2" ISO CRICKETS	SF \$	4.50	\$	4.50
10 INSTALL 1/4" TAPERED PERLITE SYSTEM	SF \$	5.50	\$	3.75
11 INSTALL 1/8" TAPERED PERLITE SYSTEM	SF \$	4.50	\$	3.50
12 INSTALL 1" PERLITE FILL	SF \$	2.25	\$	3.50
13 INSTALL 2" PERLITE FILL	SF \$	3.50	\$	4.25
14 INSTALL 1" ISO FILL	SF \$	2.00	\$	4.50
15 INSTALL 2" ISO FILL	SF \$	2.90	\$	7.50

XXII. DEMOLITION: SHINGLE & METAL ROOF UP TO 8/12 SLOPE**FURNISH ALL MATERIAL AND:**

1 REMOVE EXISTING SHINGLE ROOFING:	SF \$	0.65	\$	2.25
2 REMOVE EXISTING METAL ROOFING:	SF \$	0.85	\$	3.50
3 REMOVE EXISTING UNDERLAYMENT	SF \$	0.25	\$	2.25
4 REMOVE EXISTING EAVESDRIP METAL:	LF \$	1.00	\$	6.00
5 REMOVE EXISTING FASCIA METAL:	LF \$	1.00	\$	6.00
6 REMOVE EXISTING HIP & RIDGE CAP:	LF \$	1.25	\$	2.60
7 REMOVE EXISTING RIDGE VENT	LF \$	1.25	\$	3.00
8 REMOVE EXISTING VALLEY METAL:	LF \$	1.75	\$	3.00
9 REMOVE EXISTING WALL FLASHING	LF \$	1.75	\$	6.00
10 DISPOSAL FEE:	SQ \$	10.50	\$	65.00

XXIII. NEW ROOFING: FIBERGLASS SHINGLES UP TO 8/12 SLOPE**FURNISH ALL MATERIAL AND:**

1	INSTALL NEW 30# FELT UNDERLAYMENT:	SF	\$	1.00	\$	3.50
2	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANIUM-UDL OR OWNER APPROVED EQUAL)	SF	\$	0.85	\$	4.25
3	INSTALL NEW 40 MIL PEEL & STICK	SF	\$	1.30	\$	5.50
4	INSTALL NEW 6" 26 GA. EAVEDRIP METAL	LF	\$	3.70	\$	12.00
5	INSTALL NEW 24 GA VALLEY METAL 16" S/O	LF	\$	8.50	\$	12.00
6	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA	\$	65.00	\$	125.00
7	INSTALL NEW RIDGE VENT. SHINGLE OVER	LF	\$	8.50	\$	6.00
8	INSTALL BASE WALL FLASHING: 12" S/O	LF	\$	11.00	\$	12.00
9	INSTALL NEW COUNTER FLASHING: 8" S/O	LF	\$	11.00	\$	12.00
10	INSTALL NEW OFF RIDGE VENT: 6'	EA	\$	175.00	\$	185.00
11	INSTALL FLASHING AT PIPE. UP TO 12"	EA	\$	145.00	\$	250.00
12	INSTALL HIP & RIDGE CAP:	LF	\$	4.50	\$	3.20
13	INSTALL 25 YEAR 3 - TAB SHINGLES	SQ	\$	305.00	\$	525.00
14	INSTALL LIFETIME ARCHITECTURAL SHINGLES:	SQ	\$	330.00	\$	750.00
15	UPGRADE TO SPECIALTY SHINGLES MATERIAL ONLY COST+	%		10%		25%

XXIV. DEMOLITION: SHINGLE & METAL ROOF 8/12 AND ABOVE

FURNISH ALL MATERIAL AND:

1	REMOVE EXISTING SHINGLE ROOFING:	SF	\$	1.50	\$	5.25
2	REMOVE EXISTING METAL ROOFING:	SF	\$	2.20	\$	6.80
3	REMOVE EXISTING UNDERLAYMENT	SF	\$	0.65	\$	2.50
4	REMOVE EXISTING FASCIA METAL:	LF	\$	2.50	\$	2.50
5	REMOVE EXISTING HIP & RIDGE CAP:	LF	\$	2.80	\$	2.50
6	RMEOVE EXISTING RIDGE VENT	LF	\$	2.50	\$	2.50
7	REMOVE EXISTING VALLEY METAL:	LF	\$	2.50	\$	2.50
8	REMOVE EXISTING WALL FLASHING	LF	\$	2.50	\$	3.50
9	DISPOSAL FEE:	SQ	\$	10.50	\$	65.00

XXV. NEW ROOFING: FIBERGLASS SHINGLES 8/12 SLOPE AND ABOVE

FURNISH ALL MATERIAL AND:

1	INSTALL NEW 30# FELT UNDERLAYMENT:	SF	\$	1.50	\$	5.25
2	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANIUM-UDL OR OWNER APPROVED EQUAL)	SF	\$	1.30	\$	7.50
3	INSTALL NEW 40 MIL PEEL & STICK	SF	\$	1.80	\$	2.50
4	INSTALL NEW 6" 26 GA. EAVEDRIP METAL	LF	\$	4.40	\$	3.25
5	INSTALL NEW 24 GA VALLEY METAL 16" S/O	LF	\$	12.00	\$	3.25
6	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA	\$	85.00	\$	125.00
7	INSTALL NEW RIDGE VENT. SHINGLE OVER	LF	\$	12.50	\$	3.50
8	INSTALL BASE WALL FLASHING: 12" S/O	LF	\$	13.50	\$	6.50
9	INSTALL NEW COUNTER FLASHING: 8" S/O	LF	\$	13.00	\$	5.25
10	INSTALL NEW OFF RIDGE VENT: 6'	EA	\$	210.00	\$	250.00
11	INSTALL FLASHING AT PIPE. UP TO 12"	EA	\$	200.00	\$	1.50
12	INSTALL HIP & RIDGE CAP:	LF	\$	7.00	\$	6.50
13	INSTALL 25 YEAR 3 - TAB SHINGLES	SQ	\$	440.00	\$	785.00
14	INSTALL LIFETIME ARCHITECTURAL SHINGLES:	SQ	\$	470.00	\$	980.00
15	UPGRADE TO SPECIALTY SHINGLES MATERIAL ONLY COST+	%		10%		25%

XXVI. NEW ROOFING: 24 GA. STANDING SEAM METAL ROOFING UP TO 8/12

FURNISH ALL MATERIAL AND:

1	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANIUM-UDL OR OWNER APPROVED EQUAL)	SF	\$	0.85	\$	5.25
2	INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL)	SF	\$	1.70	\$	5.50
3	INSTALL NEW 24 GA. ROOF EDGE: 8" S/O	LF	\$	8.00	\$	3.25
4	INSTALL NEW 24 GA. GABLE TRIM: 12" S/O	LF	\$	12.00	\$	5.25
5	INSTALL NEW 24 GA. WALL FLASHING: 12" S/O	LF	\$	12.00	\$	5.25
6	INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O	LF	\$	17.00	\$	5.60
7	INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O	LF	\$	10.80	\$	5.00
8	INSTALL NEW 24 GA. VALLEY METAL: 36" S/O	LF	\$	29.00	\$	6.50
9	INSTALL NEW 24 GA. HIP FLASHING: 24" S/O	LF	\$	25.00	\$	6.50
10	INSTALL NEW 24 GA. RIDGE CAP: 24" S/O	LF	\$	25.00	\$	5.25
11	INSTALL NEW 24 GA. FASCIA METAL: 12" S/O	LF	\$	12.00	\$	5.25
12	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA	\$	125.00	\$	165.00
13	INSTALL NEW ROUND PIPE FLASHING: UP TO 12"	EA	\$	200.00	\$	185.00
14	INSTALL RETROFIT METAL FRAMING SYSTEM COST +	%		10%		25%
15	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD SNAP-CLAD OR OWNER APPROVED EQUAL)	SF	\$	7.00	\$	14.50
16	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD TITE-LOC PLUS MECHANICALLY SEAMED OR OWNER APPROVED EQUAL)	SF	\$	8.50	\$	13.50
17	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD EDGE-LOC 1.0 OR OWNER APPROVED EQUAL)	SF	\$	6.75	\$	13.50
18	INSTALL NEW 24 GA. MECHANICALLY ATTACHED ROOF PANELS (EXPOSED FASTENERS SYSTEM)	SF	\$	6.00	\$	9.80

XXVII.**NEW ROOFING: 24 GA. STANDING SEAM METAL ROOFING
8/12 SLOPE AND ABOVE**

FURNISH ALL MATERIAL AND:
ALL METAL TO HAVE KYNAR 500 FINISHES

1	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANIUM-UDL OR OWNER APPROVED EQUAL)	SF	\$	1.75	\$	6.50
2	INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL)	SF	\$	2.25	\$	6.50
3	INSTALL NEW 24 GA. ROOF EDGE: 8" S/O	LF	\$	12.50	\$	5.50
4	INSTALL NEW 24 GA. GABLE TRIM: 12" S/O	LF	\$	16.00	\$	6.50
5	INSTALL NEW 24 GA. WALL FLASHING: 8" S/O	LF	\$	14.00	\$	7.50
6	INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O	LF	\$	19.00	\$	7.50
7	INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O	LF	\$	15.00	\$	6.95
8	INSTALL NEW 24 GA. VALLEY METAL: 36" S/O	LF	\$	32.00	\$	7.85
9	INSTALL NEW 24 GA. HIP FLASHING: 24" S/O	LF	\$	31.00	\$	7.85
10	INSTALL NEW 24 GA. RIDGE CAP: 24" S/O	LF	\$	31.00	\$	7.85
11	INSTALL NEW 24 GA. FASCIA METAL: 12" S/O	LF	\$	16.50	\$	7.50
12	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA	\$	145.00	\$	185.00
13	INSTALL NEW ROUND PIPE FLASHING: UP TO 12"	EA	\$	230.00	\$	250.00
14	INSTALL RETROFIT METAL FRAMING SYSTEM COST +	%		10%		25%
15	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD SNAP CLAD OR APPROVED EQUAL)	SF	\$	7.60	\$	18.50
16	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD TITE-LOC PLUS MECHANICALLY SEAMED OR OWNER APPROVED EQUAL)	SF	\$	8.25	\$	17.50

17	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD EDGE-LOC1.0 OR OWNER APPROVED EQUAL)	SF	\$	7.35	\$	16.50
18	INSTALL NEW 24 GA. MECHANICALLY ATTACHED ROOF PANELS (EXPOSED FASTENERS SYSTEM)	SF	\$	6.60	\$	14.50

XXVIII.

**ROOF COATING ER SYSTEMS
METAL ROOF RESTORATION
FURNISH ALL MATERIAL AND:**

1	INSTALL LIQUID ACRYLIC/POLYURETHANCE ROOF COATING SYSTEM AS REQUIRED TO ACHIEVE A 10 YEAR WARRANTY	SF	\$	6.00	\$	4.80
2	INSTALL LIQUID ACRYLIC/POLYURETHANCE ROOF COATING SYSTEM AS REQUIRED TO ACHIEVE A 15 YEAR WARRANTY	SF	\$	6.50	\$	5.95
FLAT ROOF RESTORATION						
1	INSTALL LIQUID ACRYLIC/POLYURETHANCE ROOF COATING SYSTEM AS REQUIRED TO ACHIEVE A 10 YEAR WARRANTY	SF	\$	7.50	\$	6.50
2	INSTALL LIQUID ACRYLIC/POLYURETHANCE ROOF COATING SYSTEM AS REQUIRED TO ACHIEVE A 15 YEAR WARRANTY	SF	\$	9.00	\$	7.50

B.**GENERAL CONSTRUCTION****I. DIVISION 01 GENERAL CONDITIONS**

1	PROVIDE ENGINEERING/CONSULTANT SERVICES COST +	%		10%		25%
2	PROVIDE CAD DRAWINGS HOURLY RATE	HR	\$	85.00	\$	125.00
3	PROJECT MANAGER HOURLY RATE	HR	\$	65.00	\$	95.00
4	SUPERINTENDENT HOURLY RATE	HR	\$	65.00	\$	80.00
5	FOREMAN HOURLY RATE	HR	\$	55.00	\$	70.00
6	CARPENTER HOURLY RATE	HR	\$	50.00	\$	70.00
7	SKILLED LABOR HOURLY RATE	HR	\$	45.00	\$	35.00
8	UNSKILLED LABOR HOURLY RATE	HR	\$	40.00	\$	20.00
9	TRUCK TRIP	EA	\$	65.00	\$	250.00

II.**DIVISION 02 SITE WORK**

1	SITE PREPARATION (NECESSARY FILL)	CY	\$	16.50	\$	5.50
2	SITE PREPARATION (NECESSARY SEEDING)	SF	\$	0.50	\$	2.50
3	SITE PREPARATION (NECESSARY SOD)	SF	\$	0.85	\$	2.50
4	EQUIPMENT RENTAL COST +	%		10%		15%
5	EQUIPMENT OPERATOR HOURLY RATE	HR	\$	65.00	\$	95.00

III.**DIVISION 03 CONCRETE**

1	CONCRETE AS PER DESIGN COST +	%		10%		15%
2	REINFORCEMENT WIRE 6" X 6" 10 GAUGE W/ SUPPORT	SF	\$	0.80	\$	18.20
3	INSTALL 6 MIL VISQUEEN	SF	\$	0.20	\$	2.50
4	INSTALL RE-BAR UP TO #5 (3,4,5)	LF	\$	1.50	\$	15.80
5	INSTALL RE-BAR UP TO #8 (6,7,8)	LF	\$	2.25	\$	21.00
6	LABOR TO PLACE AND FINISH CONCRETE UP TO 6" THICK	SF	\$	2.25	\$	16.80
7	LABOR TO SAW CUT EXPANSION JOINTS	LF	\$	0.50	\$	26.00

IV.**DIVISION 04 MASONRY**

1	INSTALL CMU AND ASSOCIATED ITEMS COST +	%		10%		25%
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V.**DIVISION 05 METALS**

1	INSTALL PRE-ENGINEERED METAL BUILDINGS COST +	%		10%		25%
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	2	INSTALL METAL STUD FRAMING	COST +	%	10%	25%
	3	INSTALL METAL TRUSSES	COST +	%	10%	25%
	4	INSTALL PRE-ENGINEERING AWNING/CANOPY	COST +	%	10%	25%
VI.		DIVISION 06 WOOD AND PLASTICS				
	1	INSTALL OR FURNISH AS PER OWNER DIRECTION	COST +	%	10%	25%
VII.		DIVISION 07 THERMAL & MOISTURE PROTECTION				
	1	INSTALL OR FURNISH AS PER OWNER DIRECTION	COST +	%	10%	25%
VIII.		DIVISION 08 DOORS & WINDOWS				
	1	INSTALL/FURNISH DOORS AS PER OWNER DIRECTION	COST +	%	10%	25%
	2	INSTALL /FURNISH WINDOWS AS PER OWNER DIRECTION	COST +	%	10%	25%
IX.		DIVISION 09 FINISHES				
	1	INSTALL FINISHES AS PER OWNER DIRECTION	COST +	%	10%	25%
X.		DIVISION 10 SPECIALTIES				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%
XI.		DIVISION 11 EQUIPMENT				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%
XII.		DIVISION 12 FURNISHINGS				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%
XIII.		DIVISION 13 SPECIAL CONSTRUCTION				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%
XIV.		DIVISION 14 CONVEYING SYSTEMS				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%
XV.		DIVISION 15 MECHANICAL				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%
XVI.		DIVISION 16 ELECTRICAL				
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION	COST +	%	10%	25%