

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM REQUEST FORM

The Board of County Commissioners meets the 1st and 3rd Thursday of each month in the Columbia County School Board Administrative Complex Auditorium, 372 West Duval Street, Lake City, Florida 32055. The first meeting of every month is at 9:30AM while the second meeting of every month takes place at 5:30PM. All agenda items are due in the Board's office one week prior to the meeting date.

Today's Date:		10/5/2022	Meeting Date:	10/20/2022					
		Mike Null	Department:	Purchasing					
Appr	oved By:	alk							
1. Na	ture and pu	rpose of agenda item:							
	School Bo	o piggyback on Suwannee County Scho ard May 10, 2022 - Contract is for 1 yea annual, continuing contract for future pi	ar with Option to extend t	for (3) three additional one-year periods.					
2. Recommended Motion/Action:									
	Approve								

3. Fiscal impact on current budget.

This item has no effect on the current budget.

District No. 1 - Ronald Williams

District No. 2 - Rocky Ford

District No. 3 - Robby Hollingsworth

District No. 4 - Toby Witt District No. 5 - Tim Murphy

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

To the second se

MEMORANDUM

DATE: October 5, 2022

TO: Board of County Commissioners

FROM: Mike Null, Purchasing Officer

RE: Agenda item for October 20, 2022

Piggyback bid: RFP 22-204 Roofing/Construction/Repair Services

O'Neal Roofing Company

Request to piggyback on Suwannee County School District's RFP 22-204 Roofing, Construction and Repair Services that was approved by the Suwannee County School Board on May 10, 2022. Contract period is for one-year with the option to extend for three (3) additional one-year periods. This contract may be used for roofing projects, repair projects including demolition services, and new construction of relatively small projects.

SUWANNEE COUNTY SCHOOL DISTRICT

JERRY TAYLOR
DISTRICT 1
NORMAN CRAWFORD
DISTRICT 2
TIM ALCORN
DISTRICT 3



ED DA SILVA
DISTRICT 4
RONALD WHITE
DISTRICT 5
LEONARD DIETZEN, III
BOARD ATTORNEY

1740 Ohio Avenue, South
Live Oak, Florida 32064
Telephone: (386) 647-4600 • Fax: (386) 364-2635

TED L. ROUSH Superintendent of Schools

May 10, 2022

O'Neal Roofing Company Attn: John W. O'Neal P.O. Box 2166 Lake City, FL 32056

Dear Mr. O'Neal:

The letter will serve to notify you that the Suwannee County School Board, acting in special session on May 10, 2022, approved O'Neal Roofing Company as the successful bidder on RFP 22-204-Roofing, Construction and Repair Services, with the Suwannee County School District.

Thank you for your submission and for your interest in working with Suwannee County Schools. We look forward to working with you.

Sincerely,

Ethan R. Butts Director of Facilities

ERB/cjv

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

Α.	ROOFING ITEMS				O'Neal Roofing Company		dvanced ofing, Inc.	Energy Roofing Co.	
1.	G	ENERAL CON	DITIONS:					D P 1	
	REQUIRED SAFETY FENCING (6' CHAIN LINK)	LF	ė	6.00	ċ	9.00	Declined to Submit	
	CRANE SERVICE		HR			-	8.00 550.00	Submit	
	TELESCOPIC LIFT UP TO 60'			-	1,690.00				
	EQUIPMENT RENTAL	COST +	%	Y	12%	Y	15%		
	MANUFACTURERS WARRANTY	COST +	%		12%		15%	9	
	SITE PREPARATION (NECESSARY FILL & SE		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%	25	
	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%		
	M	ETAL 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		
	2 REMOVE SINGLE PLY ROOFING		SF	\$	0.50	\$	1.50		
	1 REMOVE GRAVEL SURFACED BUILT UP ROO	FING	SF	\$	1.00	\$	2.50		
	2 SPUD GRAVEL SURFACED BUILT UP ROOFII	NG	SF	\$	0.85	\$	1.80	100000	
	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 H H H H	
	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 COATE	D ME	TAL			
	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	KYNA	ARI	FINISH		
	FURNISH ALL MATERIAL AN	D:				
	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		\$	275.00	\$	265.00
	12 INSTALL LEADERHEAD: UP TO 24" WIDE	EA	\$	375.00	\$	400.00
V.	SHEET METAL: .040 ALUMINUM PAINTED	KYNA	AR F	INISH		

	FURNISH ALL MATERIAL A	ND:				
	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 M	IILL FINISH				
	FURNISH ALL MATERIAL A	ND:				
	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 M	IILL FINISH				
•	FURNISH ALL MATERIAL A					
	1 INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF \$	12.50	Ś	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 I	FINISH				
	FURNISH ALL MATERIAL A	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	Ś	12.00	Ś	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	•		\$	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: NAILAE	RI E DECI									
۸.	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	Þ	N/A	•	7.00					
	6 INSTALL 60 MIL TPO FB MEMBRANE	SF	ė	6.10		8.75					
	7 INSTALL 80 MIL TPO FB MEMBRANE	SF	-	7.00	\$	10.25					
	8 INSTALL 60 MIL TPO FB MEMBRANE	SF		7.00		7.50					
VI	NEW BOOK SYSTEM, NAII AS	DI E DECI	,								
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: NAILAE		<								
	FURNISH ALL MATERIAL										
	HOT ASPHALT WITH GRAVEL		E								
	INSTALL TEMPORARY ROOF; BASE SHEET, TWO (2) PLIES OF	F SF	ċ	2 65	ċ	8.25					
	TYPE IV FELT, GLAZE COATED	SF	-	3.65 1.85		4.25					
	2 INSTALL FIBERGLASS BASE SHEET	SF									
	3 INSTALL THREE (3) PLIES OF TYPE IV FELT			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-NAILA FURNISH ALL MATERIAL	AND:			- 1						
	HOT ASPHALT WITH GRAVEL S				- 10						
	1 INSTALL TEMPORARY ROOF; BASE SHEET, TWO (2) PLIES OF TYPE IV FELT, GLAZE COATED	OF A	2.00	4	0.25						
		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: NAILAB	LE 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						
	INSTALL MODIFIED BITUMEN CAP SHEET				- 10						
	(JM DYNA CAP OR OWNER APPROVED EQUAL)	SF \$	3.25	\$	8.25						
	INSTALL MODIFIED BITUMEN WALL FLASHING				- 1						
	4 SET IN MBR CEMENT.				- 1						
	(JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF \$	6.00	\$	5.25						
XV.	NEW ROOF SYSTEM: NON-NAILA FURNISH ALL MATERIALA HOT ASPHALT WITH CAP S INSTALL MODIFIED BITUMEN BASE SHEET	AND:									
	(JM DYNA BASE OR OWNER APPROVED EQUAL) 2 INSTALL MODIFIED BITUMEN INTER PLY	SF \$	1.90	\$	7.25						
	(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				- 9						
	4 SET IN MBR CEMENT.	1									
	(JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF \$	6.00	\$	6.00						
XVI.	NEW ROOF SYSTEM: NAILAB	LE DECK			- 1						
	FURNISH ALL MATERIAL										
	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 SHE	: 1						
	INSTALL MODIFIED BITUMEN BASE SHEET	0.5		2.25	_	6.75		
	(JM DYNA BASE OR OWNER APPROVED EQUAL)	SF	\$	2.25	\$	6.75		
	INSTALL MODIFIED BITUMEN INTER PLY	0.5				0.50		
	(JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	\$	2.75	\$	8.50		
	3 INSTALL MODIFIED BITUMEN CAP SHEET	0.5		2.50		44.50		
	(JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	\$	3.50	\$	11.50		
	INSTALL MODIFIED BITUMEN WALL FLASHING							
	4 SET IN MBR CEMENT.	0.5		c 00	_	0.50		
	(JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	>	6.00	\$	9.50		
XVIII.	NEW ROOF SYSTEM: NAILABLE I		<					
	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			\$	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	e E	ė	1.00	ė	12.50		
	ADHESIVE INSTALL MODIFIED BITUMEN BASE FLASHNG @ CURBS UP TO	SF	\$	1.90	Þ	12.50		
	4 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	Г						

	FURNISH ALL MATE	RIAL AND:			- 1	
	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	Ś	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: MECHANICA FURNISH ALL MATE					
	1 INSTALL POLY ISO INSULATION	BF \$	2.00	¢	3.25	
	2 INSTALL POLY ISO INSULATION	BF \$	2.75	•	2.50	
		· ·				
	3 INSTALL 1/2" DENSDECK	SF \$	2.45		2.75	
	4 INSTALL 1/4" DENSDECK	SF \$		\$	2.50	
	5 INSTALL 1/4" DURA BOARD	SF \$		\$	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 \$		\$	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 MATE	ERIAL 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	
Non-son-	NEW 244200	IOI EO UD TO SICO	01.005			
XXIII.	NEW ROOFING: FIBERGLASS SHIP FURNISH ALL MATE		SLOPE			
	I UNIVISE ALL WATE	-NAL AND.				

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	1 INSTALL NEW 30# FELT UNDERLAYMENT:	SF	\$	1.00	\$	3.50
	2 INSTALL NEW SYNTHETIC UNDERLAYMENT:					
	2 (TITANTIUM-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
		SQ				525.00
	13 INSTALL 25 YEAR 3 - TAB SHINGLES					
	14 INSTALL LIFETIME ARCHITECTURAL SHINGLES:	SQ	>		>	750.00
	15 UPGRADE TO SPECIALTY SHINGLES MATERIAL ONLY COST+	%		10%		25%
XXIV.	DEMOLITION: SHINGLE & METAL ROOF	8/12 A	ND /	ABOVE		
	FURNISH ALL MATERIAL A	ND:				
	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		\$		•	2.50
			\$		-	2.50
	7 REMOVE EXISTING VALLEY METAL:		\$			3.50
	8 REMOVE EXISTING WALL FLASHING	SQ	-		-	
	9 DISPOSAL FEE:	SQ	Þ	10.50	Þ	65.00
XXV.	NEW ROOFING: FIBERGLASS SHINGLES 8/1	2 SLOF	E A	AND ABO	OVE	
	FURNISH ALL MATERIAL A	ND:				
	1 INSTALL NEW 30# FELT UNDERLAYMENT:	SF	\$	1.50	\$	5.25
	INSTALL NEW SYNTHETIC UNDERLAYMENT:					
	2 (TITANTIUM-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
				210.00		250.00
	10 INSTALL NEW OFF RIDGE VENT: 6'	EA	-		•	
	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		\$			785.00
	14 INSTALL LIFETIME ARCHITECTURAL SHINGLES:		\$			980.00
	15 UPGRADE TO SPECIALTY SHINGLES MATERIAL ONLY COST+	%		10%		25%
VV\/I	NEW ROOFING: 24 GA. STANDING SEAM META	AL POC	EIN	IG LIP TO) 2/	12
XXVI.	NEW ROUTING: 24 GA. STANDING SEAM MET	AL RUC	/FII	IG OF IC	01	12

FURNISH ALL MATERIAL AND:

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MOTAL MEMOVATUETIO INDEED AVAIENT					
INSTALL NEW SYNTHETIC UNDERLAYMENT:	0.5				
(TITANTIUM-UDL OR OWNER APPROVED EQUAL)	SF	\$	0.85	\$	5.25
2 INSTALL NEW 60 MIL PEEL & STICK:	0.5		4.75		
(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
INSTALL NEW 24 GA. STANDING SEAM ROOFING:					
16 (PAC-CLAD TITE-LOC PLUS MECHANICALLY SEAMED OR					
OWNER APPROVED EQUAL)	SF	\$	8.50	\$	13.50
17 INSTALL NEW 24 GA. STANDING SEAM ROOFING:					10.00
(PAC-CLAD EDGE-LOC 1.0 OR OWNER APPROVED EQUAL)	SF	\$	6.75	\$	13.50
18 INSTALL NEW 24 GA. MECHANICALLY ATTACHED ROOF PANELS	S	4	C 00	ć	0.00
18 (EXPOSED FASTENERS SYSTEM)	S SF	\$	6.00	\$	9.80
				\$	9.80
NEW ROOFING: 24 GA. STANDING SEAM				\$	9.80
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE	METAL			\$	9.80
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL A	METAL ND:	RC		\$	9.80
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500	METAL ND:	RC		\$	9.80
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT:	METAL ND: FINISH	RC	OFING		
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL)	METAL ND:	RC		\$	9.80
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK:	METAL ND: FINISH SF	ES \$	OOFING 1.75	\$	6.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL)	METAL ND: FINISH SF	ES \$	1.75 2.25	\$	6.50 6.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O	METAL ND: FINISH SF SF LF	ES \$ \$ \$	1.75 2.25 12.50	\$ \$ \$	6.50 6.50 5.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O	METAL ND: FINISH SF SF LF LF	ES \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00	\$ \$ \$ \$	6.50 6.50 5.50 6.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O	METAL ND: FINISH SF SF LF LF LF	* \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00	\$ \$ \$ \$ \$	6.50 6.50 5.50 6.50 7.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 2 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O	METAL ND: FINISH SF LF LF LF LF	* \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00	\$ \$ \$ \$ \$ \$	6.50 5.50 6.50 7.50 7.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O 7 INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O	METAL ND: FINISH SF SF LF LF LF LF	* \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 15.00	\$ \$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O 7 INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O 8 INSTALL NEW 24 GA. VALLEY METAL: 36" S/O	METAL ND: FINISH SF LF LF LF LF LF LF	. RC	1.75 2.25 12.50 16.00 14.00 19.00 15.00 32.00	\$ \$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95 7.85
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O 7 INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O 8 INSTALL NEW 24 GA. VALLEY METAL: 36" S/O 9 INSTALL NEW 24 GA. HIP FLASHING: 24" S/O	METAL ND: FINISH SF LF LF LF LF LF LF	* \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 15.00 32.00 31.00	\$ \$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 6.95 7.85
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O 7 INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O 8 INSTALL NEW 24 GA. VALLEY METAL: 36" S/O 9 INSTALL NEW 24 GA. HIP FLASHING: 24" S/O 10 INSTALL NEW 24 GA. RIDGE CAP: 24" S/O	METAL ND: FINISH SF LF LF LF LF LF LF LF	ES \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 15.00 32.00 31.00 31.00	\$ \$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95 7.85 7.85
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) INSTALL NEW 24 GA. ROOF EDGE: 8" S/O INSTALL NEW 24 GA. GABLE TRIM: 12" S/O INSTALL NEW 24 GA. WALL FLASHING: 8" S/O INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O INSTALL NEW 24 GA. VALLEY METAL: 36" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. FASCIA METAL: 12" S/O	METAL ND: FINISH SF LF LF LF LF LF LF LF	. RC	1.75 2.25 12.50 16.00 14.00 19.00 32.00 31.00 31.00 16.50	\$ \$\$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95 7.85 7.85 7.85
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) INSTALL NEW 24 GA. ROOF EDGE: 8" S/O INSTALL NEW 24 GA. GABLE TRIM: 12" S/O INSTALL NEW 24 GA. WALL FLASHING: 8" S/O INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O INSTALL NEW 24 GA. VALLEY METAL: 36" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. FASCIA METAL: 12" S/O INSTALL NEW 24 GA. FASCIA METAL: 12" S/O INSTALL NEW SOIL PIPE FLASHING UP TO 6"	METAL ND: FINISH SF SF LF LF LF LF LF LF LF LF LF	RC \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 32.00 31.00 31.00 16.50 145.00	\$ \$\$\$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95 7.85 7.85 7.85 7.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O 7 INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O 8 INSTALL NEW 24 GA. VALLEY METAL: 36" S/O 9 INSTALL NEW 24 GA. RIDGE CAP: 24" S/O 10 INSTALL NEW 24 GA. FASCIA METAL: 12" S/O 11 INSTALL NEW SOIL PIPE FLASHING UP TO 6" 13 INSTALL NEW ROUND PIPE FLASHING: UP TO 12"	METAL ND: FINISH SF LF	RC \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 32.00 31.00 31.00 16.50 145.00 230.00	\$ \$\$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 6.95 7.85 7.85 7.85 7.80 185.00 250.00
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) INSTALL NEW 24 GA. ROOF EDGE: 8" S/O INSTALL NEW 24 GA. GABLE TRIM: 12" S/O INSTALL NEW 24 GA. WALL FLASHING: 8" S/O INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O INSTALL NEW 24 GA. HIP FLASHING: 24" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. FASCIA METAL: 12" S/O INSTALL NEW SOIL PIPE FLASHING UP TO 6" INSTALL NEW ROUND PIPE FLASHING: UP TO 12" INSTALL RETROFIT METAL FRAMING SYSTEM COST +	METAL ND: FINISH SF SF LF LF LF LF LF LF LF LF LF	RC \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 32.00 31.00 31.00 16.50 145.00	\$ \$\$\$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95 7.85 7.85 7.85 7.50
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) INSTALL NEW 24 GA. ROOF EDGE: 8" S/O INSTALL NEW 24 GA. GABLE TRIM: 12" S/O INSTALL NEW 24 GA. WALL FLASHING: 8" S/O INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O INSTALL NEW 24 GA. VALLEY METAL: 36" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. RIDGE CAP: 24" S/O INSTALL NEW 24 GA. FASCIA METAL: 12" S/O INSTALL NEW SOIL PIPE FLASHING UP TO 6" INSTALL NEW ROUND PIPE FLASHING: UP TO 12" INSTALL RETROFIT METAL FRAMING SYSTEM COST + INSTALL NEW 24 GA. STANDING SEAM ROOFING:	METAL ND: FINISH SF SF LF LF LF LF LF LF LF R EA %	RC \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 31.00 31.00 16.50 145.00 230.00 10%	\$ \$\$\$\$\$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 7.50 6.95 7.85 7.85 7.85 7.50 185.00 250.00
NEW ROOFING: 24 GA. STANDING SEAM 8/12 SLOPE AND ABOVE FURNISH ALL MATERIAL AI ALL METAL TO HAVE KYNAR 500 1 INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 1 INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL) 3 INSTALL NEW 24 GA. ROOF EDGE: 8" S/O 4 INSTALL NEW 24 GA. GABLE TRIM: 12" S/O 5 INSTALL NEW 24 GA. WALL FLASHING: 8" S/O 6 INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O 7 INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O 8 INSTALL NEW 24 GA. VALLEY METAL: 36" S/O 9 INSTALL NEW 24 GA. RIDGE CAP: 24" S/O 10 INSTALL NEW 24 GA. FASCIA METAL: 12" S/O 11 INSTALL NEW 24 GA. FASCIA METAL: 12" S/O 12 INSTALL NEW SOIL PIPE FLASHING: UP TO 6" 13 INSTALL NEW ROUND PIPE FLASHING: UP TO 12" 14 INSTALL RETROFIT METAL FRAMING SYSTEM COST + INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD SNAP CLAD OR APPROVED EQUAL)	METAL ND: FINISH SF LF	RC \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.75 2.25 12.50 16.00 14.00 19.00 31.00 31.00 16.50 145.00 230.00 10%	\$ \$\$\$\$\$\$\$\$\$\$\$	6.50 5.50 6.50 7.50 6.95 7.85 7.85 7.85 7.80 185.00 250.00
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XXVII.

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	17 INSTALL NEW 24 GA. STANDING SEAM ROOF							
	(PAC-CLAD EDGE-LOC1.0 OR OWNER APPRO	VED EQUAL)	SF	\$	7.35	\$	16.50	
	18 INSTALL NEW 24 GA. MECHANICALLY ATTACK (EXPOSED FASTENERS SYSTEM)	HED ROOF PANELS	SF	Ś	6.60	Ś	14.50	
	(EXTOGED FXOTERENO OTOTEM)		0.	*	0.00	~	24.50	
XXVIII.	ROOF COA	TING ER SYSTEMS	3				-	
	METAL RO	OF RESTORATION						
		LL MATERIAL AND					- 1	
	INSTALL LIQUID ACRYLIC/POLYURETHANCE							
	SYSTEM AS REQUIRED TO ACHIEVE A 10 YEAR	AR WARRANTY	SF	\$	6.00	\$	4.80	
	INSTALL LIQUID ACRYLIC/POLYURETHANCE	ROOF COATING	0.5		6.50			
	SYSTEM AS REQUIRED TO ACHIEVE A 15 YEA	AR WARRANTY	SF	\$	6.50	\$	5.95	
	FLAT ROOF RESTORATION	DOOF COATING					- 1	
	1 INSTALL LIQUID ACRYLIC/POLYURETHANCE I SYSTEM AS REQUIRED TO ACHIEVE A 10 YEAR	AR WARRANTY	SF	\$	7.50	Ś	6.50	
	2 NOTALL LIQUID ACRYLIC/POLYURETHANCE	ROOF COATING	0.	Ψ.	7.50	*	0.00	
	2 SYSTEM AS REQUIRED TO ACHIEVE A 15 YEAR	AR WARRANTY	SF	\$	9.00	\$	7.50	
							- 1	
B.	GENERAL CONSTRUCTION						- 1	
I.	DIVISION 01 GENERAL CONDITIONS						- 1	
	1 PROVIDE ENGINEERING/CONSULTANT SERV	ICES 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	
	DIVISION	LOS CITE WORK					- 1	
H.		02 SITE WORK	01/		16.50	_		
	1 SITE PREPARATION (NECESSARY FILL)		CY	•	16.50		5.50	
	2 SITE PREPARATION (NECESSARY SEEDING) 3 SITE PREPARATION (NECESSARY SOD)		SF SF		0.50 0.85	\$	2.50	
	4 EQUIPMENT RENTAL	COST+	%	\$	10%	\$	2.50 15%	
	5 EQUIPMENT OPERATOR HOURLY RATE	CO31+	HR	ć	65.00	ċ	95.00	
	5 EQUIPMENT OPERATOR HOURLY RATE		пк	Þ	65.00	Þ	93.00	
111.	DIVISION 03 CONCRETE						- 0	
111.	1 CONCRETE AS PER DESIGN	COST +	%		10%		15%	
	2 REINFORCEMENT WIRE 6" X 6" 10 GAUGE W/		SF		0.80		18.20	
	3 INSTALL 6 MIL VISQUEEN	0011 0111	SF				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)			\$	2.25	-	21.00	
	6 LABOR TO PLACE AND FINISH CONCRETE UP	TO 6" THICK		\$	2.25	-	16.80	
	7 LABOR TO SAW CUT EXPANSION JOINTS			\$	0.50	-	26.00	
IV.	DIVISIO	N 04 MASONRY						
	1 INSTALL CMU AND ASSOCIATED ITEMS	COST +	%		10%		25%	
V.	DIVISIO	ON 05 METALS						
	1 INSTALL PRE-ENGINEERED METAL BUILDING		%		10%		25%	
							-	

RFP 22-204 BID TABULATION SHEET

	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 W	OOD AND PLASTI	cs		3
	1 INSTALL OR FURNISH AS PER OWNER DIRECTION	COST +	%	10%	25%
VII.	DIVISION 07 THERMAL	. & MOISTURE PR	OTECTION	N	
	1 INSTALL OR FURNISH AS PER OWNER DIRECTION	COST +	%	10%	25%
VIII.	DIVISION 08 D	OORS & WINDOW	vs		
	1 INSTALL/FURNISH DOORS AS PER OWNER DIRECT	ION COST+	%	10%	25%
	2 INSTALL /FURNISH WINDOWS AS PER OWNER DIRE	ECTION COST +	%	10%	25%
IX.	DIVISION	N 09 FINISHES			
	1 INSTALL FINISHES AS PER OWNER DIRECTION	N COST+	%	10%	25%
X.	DIVISION 1	10 SPECIALTIES			
	1 INSTALL OR FURNISH AND PER OWNER DIREC	CTION COST +	%	10%	25%
XI.	DIVISION	11 EQUIPMENT			
	1 INSTALL OR FURNISH AND PER OWNER DIREC	CTION COST +	%	10%	25%
XII.	DIVISION 1	2 FURNISHINGS			
	1 INSTALL OR FURNISH AND PER OWNER DIREC	CTION COST +	%	10%	25%
XIII.	DIVISION 13 SPE	CIAL CONSTRUC	TION		
	1 INSTALL OR FURNISH AND PER OWNER DIREC	CTION COST +	%	10%	25%
XIV.	DIVISION 14 CO	ONVEYING SYSTE	MS		
	1 INSTALL OR FURNISH AND PER OWNER DIREC	CTION COST +	%	10%	25%
XV.	DIVISION 1	15 MECHANICAL			
	1 INSTALL OR FURNISH AND PER OWNER DIREC	CTION COST +	%	10%	25%
XVI.	DIVISION	16 ELECTRICAL			1
	1 INSTALL OR FURNISH AND PER OWNER DIRECT	CTION COST +	%	10%	25%