REQUEST FOR PROPOSALS

SUWANNEE COUNTY SCHOOL DISTRICT 1740 OHIO STREET, SOUTH LIVE OAK, FL 32064

RFP NO. 22-204

ROOFING, CONSTRUCTION AND REPAIR SERVICES

A MANDATORY PRE-BID MEETING WILL BE HELD AT THE SUWANNEE COUNTY SCHOOL DISTRICT, FACILITIES DEPARTMENT OFFICE LOCATED AT 1729 SW WALKER AVENUE, LIVE OAK, FL 32064 ON MONDAY, APRIL 11, 2022 10:00 A.M. BID PACKS MAY BE ACCESSED THROUGH THE SUWANNEE COUNTY SCHOOL DISTRICT WEBSITE:

http://www.suwannee.k12.fl.us/bids/open

A SIGN IN SHEET MUST BE COMPLETED AT THE PRE-BID MEETING AND ANY COMPANY NOT REPRESENTED THEREON WILL NOT BE QUALIFIED TO BID.

THE DISTRICT SCHOOL BOARD OF SUWANNEE COUNTY, FLORIDA (HEREIN KNOWN AS **THE BOARD**), WILL RECEIVE SEALED PROPOSALS AT THE FINANCE OFFICE OF THE SUWANNEE COUNTY SCHOOL DISTRICT. PROPOSALS MUST BE SEALED IN AN ENVELOPE. THE ENVELOPE MUST BE CLEARLY MARKED, **REQUEST FOR PROPOSAL (RFP) 22-204, ROOFING, CONSTRUCTION AND REPAIR SERVICES**, AND MAILED OR DELIVERED TO 1740 OHIO STREET, SOUTH, LIVE OAK, FLORIDA 32064 PRIOR TO:

2:00 PM, LOCAL TIME, MONDAY, APRIL 25, 2022

PROPOSALS RECEIVED TIMELY WILL BE OPENED, TABULATED AND EVALUATED AT THE ABOVE TIME IN THE FINANCE OFFICE OF THE SUWANNEE COUNTY SCHOOL DISTRICT (UNLESS NOTIFIED OF A DIFFERENT LOCATION) AND WILL THEN BE PRESENTED TO THE BOARD FOR ACTION AT THE NEXT REGULARLY SCHEDULED MEETING.

EACH BIDDER MUST INCLUDE WITH THIS BID, A LETTER FROM HIS/HER BONDING AGENT STATING THAT BIDDER IS IN GOOD STANDING AND CAN, UPON REQUEST, PROVIDE NECESSARY PERFORMANCE AND PAYMENT BOND. YOU ARE REQUIRED TO PRODUCE PERFORMANCE AND PAYMENT BOND WITH AN AM BEST RATING OF A- OR BETTER FOR 100% OF THE CONTRACT VALUE.

A PROPOSAL WILL BE CONSIDERED A FIRM OFFER AND CANNOT BE WITHDRAWN SUBSEQUENT TO OPENING WITHOUT THE CONSENT OF THE BOARD FOR A PERIOD OF SIXTY (60) DAYS SUBSEQUENT TO THE OPENING OF THE BID PROPOSALS.

PROPOSALS MUST BE SUBMITTED ON THESE FORMS AND ENCLOSED IN AN ENVELOPE THAT IS TO BE SEALED AND RETURNED TO THE PURCHASING OFFICE PRIOR TO THE OPENING DATE AND TIME. ANY PROPOSALS RECEIVED AFTER THE DESIGNATED CUTOFF TIME WILL NOT BE CONSIDERED. A COPY OF EACH PAGE OF THIS PROPOSAL MUST BE RETURNED FOR THE PROPOSAL TO BE CONSIDERED.

THE BOARD RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS OR ANY PART OF ANY OR ALL PROPOSALS AND THE RIGHT TO SECURE EXPERT ADVICE IN EVALUATING AND SELECTING THE LOWEST RESPONSIBLE PROPOSAL.

THE CONTRACT PERIOD WILL COMMENCE ON THE DATE FOLLOWING BOARD APPROVAL AND CONTINUE FOR A ONE-YEAR PERIOD. THE CONTRACT MAY BE EXTENDED FOR THREE (3) ADDITIONAL ONE-YEAR PERIODS WITH MUTUAL CONSENT OF BOTH CONTRACTING PARTIES. THE BOARD RESERVES THE RIGHT TO CANCEL THE CONTRACT FOR NON-PERFORMANCE WITH THIRTY (30) DAYS WRITTEN NOTICE.

QUESTIONS REGARDING THE SCOPE OF WORK, SITE LOCATIONS AND THIS RFP SHOULD BE DIRECTED TO ETHAN BUTTS, DIRECTOR OF FACILITIES, SUWANNEE COUNTY SCHOOL DISTRICT AT (386) 647-4158.	

RFP NO. 22-204

ROOFING, CONSTRUCTION AND REPAIR SERVICES THE SCHOOL BOARD OF SUWANNEE COUNTY, FLORIDA FACILITIES DEPARTMENT 1740 OHIO STREET, SOUTH LIVE OAK, FL 32064

I HEREBY CERTIFY THAT I HAVE CAREFULLY READ ALL INSTRUCTIONS PERTAINING TO THIS RFP AND THAT MY PROPOSAL COMPLIES, WITHOUT EXCEPTION, WITH ALL INSTRUCTIONS AND SPECIFICATIONS.

	COMPANY
	AUTHORIZED REPRESENTATIVE
	AUTHORIZED REPRESENTATIVE
	TOTAL TO
	TITLE
	ADDRESS
	CITY, STATE AND ZIP CODE
	TELEPHONE: AREA CODE AND NUMBER
IY REASON	N YOU CANNOT RESPOND, PLEASE LIST THOSE REASONS BELOW:

ROOFING, CONSTRUCTION AND REPAIR SERVICES SUWANNEE COUNTY DISTRICT SCHOOLS <a href="https://www.nee.gov/repair/

SPECIAL CONDITIONS:

- 1. INSURANCE REQUIREMENTS: THE CONTRACTOR WILL CARRY PUBLIC LIABILITY INSURANCE IN THE AMOUNT SPECIFIED BELOW, INCLUDING THE CONTRACTED LIABILITY ASSUMED BY THE CONTRACTOR AND WILL DELIVER A CERTIFICATE OF INSURANCE FROM CARRIERS, TO THE SUWANNEE COUNTY DISTRICT SCHOOLS FACILITIES DEPARTMENT, SPECIFYING SUCH LIMITS, AND WITH THE BOARD NAMED AS AN ADDITIONAL INSURED.
 - A. WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY
 AS REQUIRED BY FLORIDA STATUTES, CHAPTER 440
 - B. COMPREHENSIVE GENERAL LIABILITY

BODILY INJURY: \$1,000.000 EACH OCCURRENCE

\$1,000.000 ANNUAL AGGREGATE

PROPERTY DAMAGE: \$1,000.000 EACH OCCURRENCE

\$1,000.000 ANNUAL AGGREGATE

CONTRACTUAL LIABILITY COVERS THE FOLLOWING INDEMNITY AGREEMENT: THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE BOARD AGAINST ANY FORM OF LIABILITY, CLAIMS, DAMAGES, DEMANDS AND COST, INCLUDING ATTORNEY FEES OF EVERY KIND AND NATURE AND ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH OR TO DAMAGE OR DESTRUCTION OF PROPERTY RESULTING FROM OR IN ANY MANNER ARISING OUT OF OR IN CONNECTION WITH THE PERFORMANCE OF THIS CONTRACT.

- 2. CONTRACTORS SUBMITTING PROPOSALS SHALL BE A STATE CERTIFIED LICENSED GENERAL CONTRACTOR AND ROOFING CONTRACTOR.
- 3. INCLUDE WITH YOUR BID A COPY OF YOUR FLORIDA STATE CERTIFIED CONTRACTING & ROOFING LICENSE
- **4.** CONTRACTOR FURNISH MATERIALS, THESE MATERIALS SHALL BE ITEMIZED ON THE INVOICE. CONTRACTORS COST OF MATERIALS PLUS MARK-UP PERCENTAGE.
- 5. DESCRIPTION OF JOB AND SERVICE PROVIDED SHALL BE INDICATED ON EACH INVOICE SUBMITTED FOR PAYMENT.
- 6. NO ADDITIONAL CHARGES OUTSIDE THE SCOPE OF THIS CONTRACT WILL BE ALLOWED.
- 7. ALL WORK UNDER THE TERMS OF THIS CONTRACT SHALL BE DONE IN THE MOST EFFICIENT MANNER. ALL TRASH AND DEBRIS GENERATED BY THE CONTRACTOR SHALL BE REMOVED BY THE CONTRACTOR, ALL WORK PERFORMED UNDER THE TERMS OF THIS CONTRACT WILL BE PERFORMED DURING HOURS WHEN THE BUILDING OR OFFICES ARE NOT OCCUPIED, WHEN AND IF POSSIBLE, OR AT THE DISCRETION OF COST CENTER ADMINISTRATORS.
- 8. ALL WORK UNDER THE TERMS OF THIS CONTRACT WILL REQUIRE A PURCHASE ORDER, WHICH SHALL BE ISSUED BY THE FACILITIES DEPARTMENT. THE PURCHASE ORDER NUMBER SHALL BE INCLUDED ON ALL INVOICES.
- **9.** IF REQUESTED, MUST BE ABLE TO PROVIDE A BID BOND AND/OR PERFORMANCE AND PAYMENT BOND.

GENERAL CONDITIONS

1. **SEALED BID:** ONE (1) COPY OF ALL RFP SHEETS IN THIS REQUEST FOR PROPOSALS PACKAGE MUST BE COMPLETED AND RETURNED IN ORDER FOR THE PROPOSAL TO BE CONSIDERED FOR AWARD.

ALL PROPOSALS ARE SUBJECT TO THE CONDITIONS SPECIFIED IN THESE GENERAL CONDITIONS AND ON THE ATTACHED SHEETS AND ANY ADDENDA ISSUED THERETO.

- COMPLETED PROPOSALS: MUST BE SUBMITTED IN A SEALED ENVELOPE. THE RFP NUMBER, COMMODITY OR SERVICE COVERED AND THE TIME AND DATE SET FOR PROPOSAL OPENING SHALL BE MARKED ON THE OUTSIDE OF THE ENVELOPE.
- EXECUTION OF PROPOSALS: PROPOSALS MUST CONTAIN A MANUAL SIGNATURE OF AN AUTHORIZED REPRESENTATIVE IN THE SPACE PROVIDED ON PAGE TWO (2). FAILURE TO PROPERLY SIGN THE PROPOSAL WILL INVALIDATE THE PROPOSAL. THE COMPANY NAME MUST APPEAR IN EACH SPACE PROVIDED. ALL PROPOSALS MUST BE COMPLETED IN INK OR BE TYPEWRITTEN. NO ERASURES OR WHITEOUTS WILL BE PERMITTED. IF A CORRECTION IS NECESSARY, DRAW A SINGLE LINE THROUGH. THE ORIGINAL PROPOSAL CONDITIONS AND SPECIFICATIONS CANNOT BE CHANGED OR ALTERED IN ANY WAY. ALTERED PROPOSALS WILL NOT BE CONSIDERED. CLARIFICATION OF PROPOSALS SUBMITTED MUST BE IN LETTER FORM, SIGNED BY THE PROPOSER(S) AND INCLUDED IN THE PROPOSAL PACKAGE.
- 2. TAXES: THE BOARD DOES NOT PAY FEDERAL EXCISE OR FLORIDA SALES AND USE TAX. DO NOT INCLUDE THESE TAXES ON THE INVOICE. THE APPLICABLE TAX EXEMPTION NUMBER IS PRINTED ON THE PURCHASE ORDERS. HOWEVER, THIS EXEMPTION DOES NOT APPLY TO CONTRACTORS WHO PURCHASE TANGIBLE PERSONAL PROPERTY FOR USE IN THE PERFORMANCE OF CONTRACTS FOR IMPROVEMENTS OF BOARD OWNED REAL PROPERTY AS DEFINED IN CHAPTER 192 OF THE FLORIDA STATUTES.
- **3. PROPOSERS CONDITIONS:** THE BOARD SPECIFICALLY RESERVES THE RIGHT TO REJECT ANY CONDITIONAL PROPOSAL. ANY CONDITION (S) TO BE MADE PART OF THIS OR ANY PROPOSAL SHOULD BE SUBMITTED BY LETTER WITH A NOTE ON THE PROPOSAL FORM IF THE CONDITION(S) IS TO BE CONSIDERED.
- 4. AWARDS: IN THE BEST INTEREST OF THE SUWANNEE COUNTY DISTRICT SCHOOLS, THE BOARD RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS OR ANY PART OF ANY PROPOSAL AND TO WAIVE ANY IRREGULARITY IN ANY PROPOSAL RECEIVED; TO ACCEPT ANY ITEM OR GROUP OF ITEMS UNLESS QUALIFIED BY PROPOSER; TO ACQUIRE ADDITIONAL QUANTITIES AT PRICES QUOTED IN THE PROPOSAL, UNLESS ADDITIONAL QUANTITIES ARE NOT ACCEPTABLE, IN WHICH CASE THE PROPOSAL FORM MUST BE NOTED "PROPOSAL IS FOR SPECIFIED QUANTITY ONLY". ANY CONTRACT AWARDED AS A RESULT OF THIS OR ANY RFP SHALL CONFORM TO APPLICABLE FLORIDA STATUTES.
- **5. PROPOSAL OPENING:** WILL BE OPEN TO THE PUBLIC, ON THE DATE AND TIME SPECIFIED IN THE RFP DOCUMENTS. ALL PROPOSALS RECEIVED AFTER SPECIFIED TIME SHALL BE RETURNED, UNOPENED. PROPOSALS BY TELEPHONE OR FACSIMILE WILL NOT BE ACCEPTED.
- 6. CONFLICT OF INTEREST: ANY AWARD AS A RESULT OF THIS OR ANY PROPOSAL IS SUBJECT TO THE PROVISIONS OF CHAPTER 112, FLORIDA STATUTES. ALL PROPOSERS MUST DISCLOSE WITH THEIR PROPOSAL PACKAGE, THE NAME OF ANY OFFICER, DIRECTOR OR AGENT WHO IS ALSO AN EMPLOYEE OF THE DISTRICT SCHOOL BOARD OF SUWANNEE COUNTY, FLORIDA FURTHER, ALL BIDDERS MUST DISCLOSE THE NAME OF ANY BOARD EMPLOYEE WHO OWNS, DIRECTLY OR INDIRECTLY, AND INTEREST GREATER THAN FIVE PERCENT (5%) IN THE PROPOSERS FIRM OR ANY OF ITS BRANCHES OR DIVISIONS.
- 7. ANTI-DISCRIMINATION: THE PROPOSER CERTIFIES THAT HE OR SHE OR THEIR FIRM IS IN COMPLIANCE WITH THE NON-DISCRIMINATION CLAUSE CONTAINED IN SECTION 202, EXECUTIVE ORDER 11246, AS AMENDED BY EXECUTIVE ORDER 11375, RELATIVE TO EQUAL EMPLOYMENT OPPORTUNITY FOR ALL PERSONS WITHOUT REGARD TO RACE, COLOR, RELIGION, SEX OR NATIONAL ORIGIN.

- 8. **DEFAULT:** IN THE EVENT OF DEFAULT ON ANY CONTRACT AS A RESULT OF THIS RFP, THE CONTRACTOR WILL PAY TO THE BOARD, AS LIQUIDATED DAMAGES, AN AMOUNT EQUAL TO TWENTY FIVE PERCENT (25%) OF THE UNIT PRICE, TIMES THE PROPOSED QUANTITY OR FIVE HUNDRED DOLLARS (\$500.00), WHICHEVER AMOUNT IS LARGER. IN THE EVENT OF A DEFAULT ON ANY CONTRACT THE CONTRACTOR WILL PAY ALL ATTORNEY'S FEES AND COURT INCURRED IN COLLECTING LIQUIDATED DAMAGES.
- 9. RIGHT OF PROTEST: FAILURE TO FILE A PROTEST WITHIN THE TIME PRESCRIBED IN FLORIDA STATUTES, SECTION 120.53. (5) SHALL CONSTITUTE A WAIVER OF PROCEEDINGS UNDER CHAPTER 120, FLORIDA STATUES.
- **10. TERMINATE:** THE DISTRICT SCHOOL BOARD OF SUWANNEE COUNTY RESERVES THE RIGHT TO TERMINATE ANY CONTRACT RESULTING FROM THIS RFP ON THIRTY (30) DAYS WRITTEN NOTICE.
- 11. <u>SPECIAL CONDITIONS:</u> ANY AND ALL SPECIAL CONDITIONS MAY VARY FROM THESE GENERAL CONDITIONS AND WILL HAVE PRECEDENCE OVER THE GENERAL CONDITIONS.
- 12. PUBLIC ENTITY CRIME INFORMATION STATEMENT: PURSUANT TO SECTION 287.133, THE CONVICTED VENDOR LIST FOLLOWING A CONVICTION FOR PUBLIC ENTITY CRIME MAY NOT SUBMIT A BID ON A CONTRACT TO PROVIDE ANY GOODS OR SERVICES TO A PUBLIC ENTITY, MAY NOT SUBMIT A BID ON A CONTRACT WITH A PUBLIC ENTITY FOR THE CONSTRUCTION OR REPAIR OF A PUBLIC BUILDING OR PUBLIC WORK, MAY NOT SUBMIT BIDS ON LEASES OF REAL PROPERTY TO A PUBLIC ENTITY, MAY NOT BE AWARDED OR PERFORM WORK AS A CONTRACTOR, SUPPLIER, SUBCONTRACTOR OR CONSULTANT UNDER A CONTRACT WITH ANY PUBLIC ENTITY AND MAY NOT TRANSACT BUSINESS WITH ANY PUBLIC ENTITY IN EXCESS OF THE THRESHOLD AMOUNT (\$10,000.00) PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO FOR A PERIOD OF THIRTY SIX (36) MONTHS FROM THE DATE OF BEING PLACED ON THE CONVICTED VENDOR LIST. BY COMPLETING THE PROPOSAL DOCUMENTS AND SUBMITTING A PROPOSAL, PROPOSERS ARE CERTIFYING THAT THEY ARE NOT AND HAVE NOT BEEN ON THE CONVICTED VENDOR LIST NOW OR WITHIN THE PAST THIRTY-SIX (36) MONTHS.
- **13. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS:** AS REQUIRED BY EXECUTIVE ORDER 12549, DEBARMENT AND SUSPENSION, AND IMPLEMENTED AT 34 CFR PART 85, FOR PROSPECTIVE PARTICIPANTS IN PRIMARY COVERED TRANSACTIONS, AS DEFINED AT 34 CFR PART 85, SECTIONS 85.105 AND 85.110.
 - **A.** THE PROPOSER (CONTRACTOR) CERTIFIES THAT IT AND ITS PRINCIPALS:
 - 1. ARE NOT PRESENTLY DEBARRED, SUSPENDED, PROPOSED FOR DEBARMENT, DECLARED INELIGIBLE, OR VOLUNTARILY EXCLUDED FROM COVERED TRANSACTIONS BY ANY FEDERAL DEPARTMENT OR AGENCY;
 - 2. HAVE NOT WITH A THREE YEAR PERIOD PRECEDING THIS INVITATION TO BID BEEN CONVICTED OF OR HAD A CIVIL JUDGMENT RENDERED AGAINST THEM FOR COMMISSION OF FRAUD OR A CRIMINAL OFFENSE IN CONNECTION WITH OBTAINING OR ATTEMPTING TO OBTAIN, OR PERFORMING A PUBLIC (FEDERAL, STATE OR LOCAL) TRANSACTION OR CONTRACT UNDER A PUBLIC TRANSACTION; VIOLATION OF FEDERAL OR STATE ANTITRUST STATUTES OR COMMISSION OF EMBEZZLEMENT, THEFT, FORGERY, BRIBERY, FALSIFICATION OR DESTRUCTION OF RECORDS, MAKING FALSE STATEMENTS, OR RECEIVING STOLEN PROPERTY;
 - 3. ARE NOT PRESENTLY INDICTED FOR OR OTHERWISE CRIMINALLY OR CIVILLY CHARGED BY A GOVERNMENT ENTITY (FEDERAL, STATE OR LOCAL) WITH COMMISSION OF PAYING FEDERAL FUNDS OR WILL PAY FEDERAL FUNDS BY OR ON BEHALF OF THE UNDERSIGNED TO ANY PERSON FOR INFLUENCING OR ATTEMPTING TO INFLUENCE AN OFFICER OR EMPLOYEE OF ANY AGENCY, A MEMBER OF CONGRESS, AN OFFICER OR EMPLOYEE OF CONGRESS OR AN EMPLOYEE OF A MEMBER OR CONGRESS IN

CONNECTION WITH THE MAKING OF ANY FEDERAL GRANT, THE ENTERING INTO ANY COOPERATIVE AGREEMENT, AND THE EXTENSION, CONTINUATION, RENEWAL, AMENDMENT OR MODIFICATION OF ANY FEDERAL GRANT OR COOPERATIVE AGREEMENT.

- HAVE NOT WITH A THREE (3) YEAR PERIOD PRECEDING THIS INVITATION TO BID HAD 4. ONE OR MORE PUBLIC TRANSACTIONS (FEDERAL, STATE OR LOCAL) TERMINATED FOR CAUSE OR DEFAULT; AND
- WHERE THE PROPOSER IS UNABLE TO CERTIFY TO ANY OF THE STATEMENTS IN THIS В. CERTIFICATION, HE OR SHE SHALL ATTACH AN EXPLANATION TO THIS PROPOSAL PACKAGE.

AS THE DULY AUTHORIZED REPRESENTATIVE OF THE COMPANY OR INDIVIDUAL SUBMITTING THE BID PROPOSAL, I HEREBY CERTIFY THAT THE COMPANY OR INDIVIDUAL DOES COMPLY WITH THE ABOVE CERTIFICATIONS.

NAME OF BIDDER:
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE
SIGNATURE:
NOTE: GENERAL CONDITION NO. 13 MUST BE COMPLETED AND SIGNED BEFORE THE PROPOSAL FOR

THIS RFP WILL BE CONSIDERED FOR AWARD.

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

I. GENERAL CONDITIONS:

REQUIRED SAFETY FENCING (6' CHAIN LINK	()	LF
CRANE SERVICE		HR
TELESCOPIC LIFT UP TO 60'		WK
EQUIPMENT RENTAL	COST+	%
MANUFACTURERS WARRANTY	COST+	%
SITE PREPARATION (NECESSARY FILL & SE	EDING)	SF
SITE PREPARATION (NECESSARY FILL & SC	DD)	SF
BUILDERS RISK INSURANCE	COST +	%
PERMIT (IF REQUIRED)	COST +	%
MEMBRANE ROOF		
15 YEAR NO PENAL SUM WARRANTY		%
20 YEAR NO PENAL SUM WARRANTY	COST +	%
25 YEAR NO PENAL SUM WARRANTY	COST +	%
30 YEAR NO PENAL SUM WARRANTY	COST +	%
METAL ROOF		
20 YEAR WATER TIGHTNESS WARRANTY	COST+	%
PROVIDE THERMAL SCAN	COST+	%
PROVIDE PORTABLE TOILET	COST+	%

II. DEMOLITION: FLAT ROOF AREAS:

1	PREP ROOF FOR RECOVER SYSTEM	SF	
2	REMOVE SINGLE PLY ROOFING	SF	
1	REMOVE GRAVEL SURFACED BUILT UP ROOFING	SF	
2	SPUD GRAVEL SURFACED BUILT UP ROOFING	SF	
3	REMOVE SPRAY FOAM OVER ROOFING	SF	
4	REMOVE MODIFIED BITUMEN ROOFING	SF	
5	REMOVE SLICK TOP BUILT-UP ROOFING:	SF	
6	REMOVE METAL PURLINS UP TO 8"	LF	
6	PROVIDE ASBESTOS SURVEY COST +	%	
6	PROVIDE ASBESTOS ABATEMENT COST +	%	
7	REMOVE/DISPOSE OF ASBESTOS ROOFING COST +	%	
8	REMOVE METAL DECKING	SF	
9	REMOVE TECTUM/WOODFIBER DECKING	SF	
9	REMOVE RIGID INSULATION UP TO 3"	SF	
10	REMOVE RIGID INSULATION; ADD PER INCH	SF	
11	REMOVE TAPERED INSULATION	SF	
12	REMOVE ROOF EDGE METAL	LF	
13	REMOVE FASCIA METAL; NOT TO EXCEED 16" S/O	LF	
14	REMOVE VERTICAL FASCIA PANELS & TRIM	SF	
15	REMOVE SOFFIT PANELS & TRIM	SF	
16	REMOVE GUTTER:	LF	
17	REMOVE DOWNSPOUTS; NOT TO EXCEED 30' HIGH	LF	
18	REMOVE DOWNSPOUT: ABOVE 30' HIGH	LF	
19	REMOVE COPING METAL	LF	
20	REMOVE WALL SCUPPER	EA	
21	REMOVE LEADERHEAD	EA	
22	REMOVE EXPANSION JOINT COVER	LF	

	23	REMOVE PITCH PANS	EA
	24	CLEAN / PREP ROOF DRAINS	EA
	25	REMOVE ROOF DRAINS UP TO 6"	EA
	26	REMOVE SOIL PIPE FLASHING	EA
	27	REMOVE WALL FLASHING MEMBRANE	SF
	28	REMOVE COUNTER FLASHING	LF
	29	REMOVE BASE FLASHING @ CURB UP TO 24"	LF
	30	REMOVE LIGHTNING ARREST SYSTEM	LF
	31	REMOVE PIPE FLASHING UP TO 24" ROUND	EA
	32	REMOVE TRAFFIC PAD	LF
	33	REMOVE HVAC CONDENSATION LINES	LF
	34	REMOVE SATELLITE: TO BE RE-ALIGNED BY OWNER	EA
	35	REMOVE WOOD BLOCKING	BF
	36	REMOVE WOOD DECKING UP TO 3/4" PLYWOOD	BF
	37	REMOVE DECK VENTS	EA
	38	SPUD EXISTING GRAVEL AT TIE-IN	SF
	39	DISPOSAL FEE	CY
III.		SHEET METAL: 24 GA. TPO COATED METAL	
	1	INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF
	2	PROVIDE 24 GA. TPO COATED FLAT SHEET METAL	SF
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
	2	INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF
	3	INSTALL SOFFIT PANELS AND TRIM	SF

	4	INSTALL VERTICAL FASCIA PANELS	SF
	5	INSTALL COPING METAL: UP TO 24" S/O	LF
	6	INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF
	7	INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF
	8	INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF
	9	INSTALL BOX GUTTER: UP TO 30" S/O	LF
	10	INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF
	11	INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA
	12	INSTALL LEADERHEAD: UP TO 24" WIDE	EA
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
	2	INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF
	3	INSTALL COPING METAL: UP TO 24" S/O	LF
	4	INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF
	5	INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF
	6	INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF
	7	INSTALL BOX GUTTER: UP TO 30" S/O	LF
	8	INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF
	9	INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA
	10	INSTALL LEADERHEAD: UP TO 24" WIDE	EA
VI.		SHEET METAL: .032 ALUMINUM MILL FINISH	
		FURNISH ALL MATERIAL AND:	
	1	INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF
	2	INSTALL FASCIA METAL WITH CLEAT LIP TO 16" S/O	IF

3	INSTALL COPING METAL: UP TO 24" S/O	LF
4	INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF
5	INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF
6	INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF
7	INSTALL BOX GUTTER: UP TO 30" S/O	LF
8	INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF
9	INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA
10	INSTALL LEADERHEAD: UP TO 24" WIDE	EA
VII.	SHEET METAL: .040 ALUMINUM MILL FINISH	
	FURNISH ALL MATERIAL AND:	
1	INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF
2	INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF
3	INSTALL COPING METAL: UP TO 24" S/O	LF
4	INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF
5	INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF
6	INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF
7	INSTALL BOX GUTTER: UP TO 30" S/O	LF
8	INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF
9	INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA
10	INSTALL LEADERHEAD: UP TO 24" WIDE	EA
VIII.	SHEET METAL: 24 GA. MILL FINISH	
	FURNISH ALL MATERIAL AND:	
1	INSTALL ROOF EDGE METAL: WITH CLEAT UP TO 12" S/O	LF
2	INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF
3	INSTALL SOFFIT PANELS AND TRIM	SF

4	INSTALL VERTICAL FASCIA PANELS	SF
5	INSTALL COPING METAL: UP TO 24" S/O	LF
6	INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF
7	INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF
8	INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF
9	INSTALL BOX GUTTER: UP TO 30" S/O	LF
10	INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF
11	INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA
12	INSTALL LEADERHEAD: UP TO 24" WIDE	EA
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
2	INSTALL FASCIA METAL WITH CLEAT UP TO 16" S/O	LF
3	INSTALL SOFFIT PANELS AND TRIM	SF
4	INSTALL VERTICAL FASCIA PANELS	SF
5	INSTALL COPING METAL: UP TO 24" S/O	LF
6	INSTALL (2) PIECE COUNTER FLASHING: 16" S/O	LF
7	INSTALL (1) PIECE COUNTER FLASHING: 12" S/O	LF
8	INSTALL SLIP EXPANSION JOINT COVER: 24" S/O	LF
9	INSTALL BOX GUTTER: UP TO 30" S/O	LF
10	INSTALL 4 X 5 DOWNSPOUT: UP TO 30' HIGH	LF
11	INSTALL THRU WALL SCUPPER: UP 12" WIDE	EA
12	INSTALL LEADERHEAD: UP TO 24" WIDE	EA
Χ.	NEW ROOF SYSTEM: NAILABLE DECK	
	MECHANICALLY ATTACHED WITH FASTENERS UP TO 8"	
1	INSTALL 3 OZ. POLYESTER SLIP SHEET	SF
2	INSTALL 40 MIL TPO MEMBRANE	SF

	3	INSTALL 60 MIL TPO MEMBRANE	SF
	4	INSTALL 80 MIL TPO MEMBRANE	SF
	5	INSTALL 40 MIL TPO FB MEMBRANE	SF
	6	INSTALL 60 MIL TPO FB MEMBRANE	SF
	7	INSTALL 80 MIL TPO FB MEMBRANE	SF
	8	INSTALL 60 MIL TPO WALL FLASHING	SF
XI.		NEW ROOF SYSTEM: NAILABLE DECK	
		ADHERED SYSTEM	
	1	INSTALL 40 MIL TPO MEMBRANE	SF
	2	INSTALL 60 MIL TPO MEMBRANE	SF
	3	INSTALL 80 MIL TPO MEMBRANE	SF
	4	INSTALL 40 MIL TPO FB MEMBRANE	SF
	5	INSTALL 60 MIL TPO FB MEMBRANE	SF
	6	INSTALL 80 MIL TPO FB MEMBRANE	SF
	7	INSTALL 60 MIL TPO WALL FLASHING	SF
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
	2	INSTALL FIBERGLASS BASE SHEET	SF
	3	INSTALL THREE (3) PLIES OF TYPE IV FELT	SF
	4	INSTALL FOUR (4) PLIES OF TYPE IV FELT	SF
	5	INSTALL THREE (3) PLIES OF TYPE VI FELT	SF
	6	INSTALL FOUR (4) PLIES OF TYPE VI FELT	SF

XIII. NEW ROOF SYSTEM: NON-NAILABLE DECK

FURNISH ALL MATERIAL AND:

HOT ASPHALT WITH GRAVEL SURFACE

	1	OF TYPE IV FELT, GLAZE COATED	SF	
	2	INSTALL FIBERGLASS BASE SHEET	SF	
	3	INSTALL THREE (3) PLIES OF TYPE IV FELT	SF	
	4	INSTALL FOUR (4) PLIES OF TYPE IV FELT	SF	
	5	INSTALL THREE (3) PLIES OF TYPE VI FELT	SF	
	6	INSTALL FOUR (4) PLIES OF TYPE VI FELT	SF	
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	
	2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	
	3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	
	4	INSTALL MODIFIED BITUMEN WALL FLASHING SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	
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	
	2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF	
	3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF	
	4	INSTALL MODIFIED BITUMEN WALL FLASHING SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF	
				_

XVI. NEW ROOF SYSTEM: NAILABLE DECK

		COLD PROCESS WITH CAP SHEET	
	1	INSTALL MODIFIED BITUMEN BASE SHEET (JM DYNA BASE OR OWNER APPROVED EQUAL)	SF
	2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF
	3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF
	4	INSTALL MODIFIED BITUMEN WALL FLASHING SET IN MBR CEMENT.	05
	4	(JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF
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	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNA PLY OR OWNER APPROVED EQUAL)	SF
	3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA CAP OR OWNER APPROVED EQUAL)	SF
	4	INSTALL MODIFIED BITUMEN WALL FLASHING SET IN MBR CEMENT. (JM DYNA FLEX OR OWNER APPROVED EQUAL)	SF
	•		G:
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
	2	INSTALL MODIFIED BITUMEN INTER PLY (JM DYNAWELD BASE OR OWNER APPROVED EQUAL)	SF
	3	INSTALL MODIFIED BITUMEN CAP SHEET (JM DYNA WELD CAP FR OR OWNER APPROVED EQUAL)	SF
	4	INSTALL MODIFIED BITUMEN WALL FLASHING	SF

XIX. MISC ITEMS

1	PRESSURE WASHING	SF
2	INSTALL MEMBRANE USING 2 PART URETHANE ADHESIVE	SF
3	INSTALL INSULATION/COVERBOARD USING 2 PART URETHANE ADHESIVE	SF
1	INSTALL MODIFIED BITUMEN BASE FLASHNG @ CURBS UP TO 24" HIGH	LF
2	INSTALL LEAD FLASHING AT VTR 1 - 1/2" - 6"	EA
3	FLASH ROOF DRAINS AS PER MANUF. REQUIREMENTS	EA
4	INSTALL ONE WAY DECK VENTS	EA
5	INSTALL PITCH PANS UP TO 12" X 12"	EA
6	INSTALL TRAFFIC PAD	SF
7	INSTALL WOOD BLOCKING	BF
8	INSTALL WOOD DECKING	BF
9	INSTALL 22 GA. TYPE B G-60 METAL DECK	SF
10	INSTALL METAL PURLINS UP TO 8"	LF
10	INSTALL TECTUM/WOODFIBER DECK	SF
10	INSTALL 16 GA. 2" ROOF HUGGERS W/ FASTENERS	LF
11	INSTALL ROOF DRAIN UP TO 6"	EA
12	INSTALL ROOF DRAIN PIPING UP TO 6" WITH FITTINGS	LF
13	INSTALL S-50 ROOF HATCH WITH LADDER UP ATTACHMENT	EA
14	REMOVE / REINSTALL ROOF TOP EQUIPMENT COST +	%
15	REMOVE / INSTALL ROOF TOP ITEMS COST +	%
XX.	INSULATION: HOT ASPHALT	
	FURNISH ALL MATERIAL AND:	
1	INSTALL POLY ISO INSULATION	BF
2	INSTALL PERLITE INSULATION	BF
3	INSTALL 1/2" DENSDECK	SF
4	INSTALL 1/4" DENSDECK	SF
5	INSTALL 1/4" DURA BOARD	SF
5	INSTALL 1/2" DURA BOARD	SF

6	INSTALL 1/4" TAPERED ISO SYSTEM	SF
7	INSTALL 1/8" TAPERED ISO SYSTEM	SF
8	INSTALL 1/2" ISO CRICKETS	SF
9	INSTALL 1/4" TAPERED PERLITE SYSTEM	SF
10	INSTALL 1/8" TAPERED PERLITE SYSTEM	SF
11	INSTALL 1" PERLITE FILL	SF
12	INSTALL 2" PERLITE FILL	SF
13	INSTALL 1" ISO FILL	SF
14	INSTALL 2" ISO FILL	SF
XXI.	INSULATION: MECHANICALLY ATTACHED	
	FURNISH ALL MATERIAL AND:	
1	INSTALL POLY ISO INSULATION	BF
2	INSTALL PERLITE INSULATION	BF
3	INSTALL 1/2" DENSDECK	SF
4	INSTALL 1/4" DENSDECK	SF
5	INSTALL 1/4" DURA BOARD	SF
5	INSTALL 1/2" DURA BOARD	SF
6	INSTALL 1/4" TAPERED ISO SYSTEM	SF
7	INSTALL 1/8" TAPERED ISO SYSTEM	SF
8	INSTALL 1/2" ISO CRICKETS	SF
9	INSTALL 1/4" TAPERED PERLITE SYSTEM	SF
10	INSTALL 1/8" TAPERED PERLITE SYSTEM	SF
11	INSTALL 1" PERLITE FILL	SF
12	INSTALL 2" PERLITE FILL	SF
13	INSTALL 1" ISO FILL	SF
14	INSTALL 2" ISO FILL	SF

XXII. **DEMOLITION: SHINGLE & METAL ROOF UP TO 8/12 SLOPE FURNISH ALL MATERIAL AND:** SF _____ 1 REMOVE EXISTING SHINGLE ROOFING: SF _____ 2 REMOVE EXISTING METAL ROOFING: SF 3 REMOVE EXISTING UNDERLAYMENT LF 4 REMOVE EXISTING EAVESDRIP METAL: 5 REMOVE EXISTING FASCIA METAL: LF _____ LF 6 REMOVE EXISTING HIP & RIDGE CAP: LF _____ 7 REMOVE EXISTING RIDGE VENT LF _____ 8 REMOVE EXISTING VALLEY METAL: LF 9 REMOVE EXISTING WALL FLASHING SQ _____ 10 DISPOSAL FEE: XXIII. **NEW ROOFING: FIBERGLASS SHINGLES UP TO 8/12 SLOPE FURNISH ALL MATERIAL AND:** SF _____ 1 INSTALL NEW 30# FELT UNDERLAYMENT: INSTALL NEW SYNTHETIC UNDERLAYMENT: SF ____ 2 (TITANTIUM-UDL OR OWNER APPROVED EQUAL) 3 INSTALL NEW 40 MIL PEEL & STICK SF _____ LF INSTALL NEW 6" 26 GA. EAVEDRIP METAL 5 INSTALL NEW 24 GA VALLEY METAL 16" S/O LF _____ EA _____ 6 INSTALL NEW SOIL PIPE FLASHING UP TO 6" LF 7 INSTALL NEW RIDGE VENT. SHINGLE OVER

8 INSTALL BASE WALL FLASHING: 12" S/O

10 INSTALL NEW OFF RIDGE VENT: 6'

11 INSTALL FLASHING AT PIPE. UP TO 12"

9 INSTALL NEW COUNTER FLASHING: 8" S/O

LF ____

LF _____

EA _____

EA

	12	INSTALL HIP & RIDGE CAP:	LF
	13	INSTALL 25 YEAR 3 - TAB SHINGLES	SQ
	14	INSTALL LIFETIME ARCHITECTURAL SHINGLES:	SQ
	15	UPGRADE TO SPECIALTY SHINGLES MATERIAL ONLY COST+	%
ΧXΙ\	/ .	DEMOLITION: SHINGLE & METAL ROOF 8/12 AND ABOVE	
		FURNISH ALL MATERIAL AND:	
	1	REMOVE EXISTING SHINGLE ROOFING:	SF
	2	REMOVE EXISTING METAL ROOFING:	SF
	3	REMOVE EXISTING UNDERLAYMENT	SF
	4	REMOVE EXISTING FASCIA METAL:	LF
	5	REMOVE EXISTING HIP & RIDGE CAP:	LF
	6	RMEOVE EXISTING RIDGE VENT	LF
	7	REMOVE EXISTING VALLEY METAL:	LF
	8	REMOVE EXISTING WALL FLASHING	LF
	9	DISPOSAL FEE:	SQ
XXV	•	NEW ROOFING: FIBERGLASS SHINGLES 8/12 SLOPE AND	ABOVE
		FURNISH ALL MATERIAL AND:	
	1	INSTALL NEW 30# FELT UNDERLAYMENT:	SF
	2	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL)	SF
	3	INSTALL NEW 40 MIL PEEL & STICK	SF
	4	INSTALL NEW 6" 26 GA. EAVEDRIP METAL	LF
	5	INSTALL NEW 24 GA VALLEY METAL 16" S/O	LF
	6	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA
	7	INSTALL NEW RIDGE VENT. SHINGLE OVER	LF
	8	INSTALL BASE WALL FLASHING: 12" S/O	LF

9	INSTALL NEW COUNTER FLASHING: 8" S/O	LF
10	INSTALL NEW OFF RIDGE VENT: 6'	EA
11	INSTALL FLASHING AT PIPE. UP TO 12"	EA
12	INSTALL HIP & RIDGE CAP:	LF
13	INSTALL 25 YEAR 3 - TAB SHINGLES	SQ
14	INSTALL LIFETIME ARCHITECTURAL SHINGLES:	SQ
15	UPGRADE TO SPECIALTY SHINGLES MATERIAL ONLY COST+	
XXVI.	NEW ROOFING: 24 GA. STANDING SEAM METAL ROOFING U	P TO 8/12
	FURNISH ALL MATERIAL AND:	
1	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL)	SF
2	INSTALL NEW 60 MIL PEEL & STICK:(TAMKO METAL & TILE OR OWNER APPROVED EQUAL)	SF
3	INSTALL NEW 24 GA. ROOF EDGE: 8" S/O	LF
4	INSTALL NEW 24 GA. GABLE TRIM: 12" S/O	LF
5	INSTALL NEW 24 GA. WALL FLASHING: 12" S/O	LF
6	INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O	LF
7	INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O	LF
8	INSTALL NEW 24 GA. VALLEY METAL: 36" S/O	LF
9	INSTALL NEW 24 GA. HIP FLASHING: 24" S/O	LF
10	INSTALL NEW 24 GA. RIDGE CAP: 24" S/O	LF
11	INSTALL NEW 24 GA. FASCIA METAL: 12" S/O	LF
12	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA
13	INSTALL NEW ROUND PIPE FLASHING: UP TO 12"	EA
14	INSTALL RETROFIT METAL FRAMING SYSTEM COST +	
15	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD SNAP-CLAD OR OWNER APPROVED EQUAL)	SF
16	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD TITE-LOC PLUS MECHANICALLY SEAMED OR OWNER APPROVED EQUAL)	SF

17	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD EDGE-LOC 1.0 OR OWNER APPROVED EQUAL)	SF	
18	INSTALL NEW 24 GA. MECHANICALLY ATTACHED ROOF PANELS (EXPOSED FASTENERS SYSTEM)	SF	

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

ΔΙΙ	$MFT\Delta I$	TO HAVE	KYNAR	500	FINISHES
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1	INSTALL NEW SYNTHETIC UNDERLAYMENT: (TITANTIUM-UDL OR OWNER APPROVED EQUAL)	SF
2	INSTALL NEW 60 MIL PEEL & STICK: (TAMKO METAL & TILE OR OWNER APPROVED EQUAL)	SF
3	INSTALL NEW 24 GA. ROOF EDGE: 8" S/O	LF
4	INSTALL NEW 24 GA. GABLE TRIM: 12" S/O	LF
5	INSTALL NEW 24 GA. WALL FLASHING: 8" S/O	LF
6	INSTALL NEW 24 GA. PITCH CHANGE FLASHING: 30" S/O	LF
7	INSTALL NEW 24 GA. COUNTER FLASHING: 8' S/O	LF
8	INSTALL NEW 24 GA. VALLEY METAL: 36" S/O	LF
9	INSTALL NEW 24 GA. HIP FLASHING: 24" S/O	LF
10	INSTALL NEW 24 GA. RIDGE CAP: 24" S/O	LF
11	INSTALL NEW 24 GA. FASCIA METAL: 12" S/O	LF
12	INSTALL NEW SOIL PIPE FLASHING UP TO 6"	EA
13	INSTALL NEW ROUND PIPE FLASHING: UP TO 12"	EA
14	INSTALL RETROFIT METAL FRAMING SYSTEM COST +	%
15	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD SNAP CLAD OR APPROVED EQUAL)	SF
16	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD TITE-LOC PLUS MECHANICALLY SEAMED OR OWNER APPROVED EQUAL)	SF
17	INSTALL NEW 24 GA. STANDING SEAM ROOFING: (PAC-CLAD EDGE-LOC1.0 OR OWNER APPROVED EQUAL)	SF
18	INSTALL NEW 24 GA. MECHANICALLY ATTACHED ROOF PANELS (EXPOSED FASTENERS SYSTEM)	SF

XXVIII. ROOF COATING ER SYSTEMS

METAL ROOF RESTORATION

	1	INSTALL LIQUID ACRYLIC/POLYURETHANCE F SYSTEM AS REQUIRED TO ACHIEVE A 10 YEAR		SF	
	2	INSTALL LIQUID ACRYLIC/POLYURETHANCE F SYSTEM AS REQUIRED TO ACHIEVE A 15 YEAR		SF	
		FLAT ROOF RESTORATION			
	1	INSTALL LIQUID ACRYLIC/POLYURETHANCE F SYSTEM AS REQUIRED TO ACHIEVE A 10 YEAR		SF	
	2	INSTALL LIQUID ACRYLIC/POLYURETHANCE F SYSTEM AS REQUIRED TO ACHIEVE A 15 YEAR		SF	
В.		GENERAL CONSTRUCTION			
I.		DIVISION 01 GENERAL CONDITIONS			
	1	PROVIDE ENGINEERING/CONSULTANT SERVI	CES COST +	%	
	2	PROVIDE CAD DRAWINGS HOURLY RATE		HR	
	3	PROJECT MANAGER HOURLY RATE		HR	
	4	SUPERINTENDENT HOURLY RATE		HR	
	5	FOREMAN HOURLY RATE		HR	
	6	CARPENTER HOURLY RATE		HR	
	7	SKILLED LABOR HOURLY RATE		HR	
	8	UNSKILLED LABOR HOURLY RATE		HR	
	9	TRUCK TRIP		EA	
II.		DIVISION 02 SITE WORK			
	1	SITE PREPARATION (NECESSARY FILL)		CY	
	2	SITE PREPARATION (NECESSARY SEEDING)		SF	
	3	SITE PREPARATION (NECESSARY SOD)		SF	
	4	EQUIPMENT RENTAL	COST +	%	

	5	EQUIPMENT OPERATOR HOURLY RATE		HR	
III.		DIVISION 03 CONCRETE			
	1	CONCRETE AS PER DESIGN	COST +	%	
	2	REINFORCEMENT WIRE 6" X 6" 10 GAUGE W/ S	SUPPORT	SF	
	3	INSTALL 6 MIL VISQUEEN		SF	
	4	INSTALL RE-BAR UP TO #5 (3,4,5)		LF	
	5	INSTALL RE-BAR UP TO #8 (6,7,8)		LF	
	6	LABOR TO PLACE AND FINISH CONCRETE UP	TO 6" THICK	SF	
	7	LABOR TO SAW CUT EXPANSION JOINTS		LF	
IV.		DIVISION 04 MASONRY			
			0007	0.4	
	1	INSTALL CMU AND ASSOCIATED ITEMS	COST +	%	
.,		DIVICION OF METAL C			
٧.		DIVISION 05 METALS			
V.	1	DIVISION 05 METALS INSTALL PRE-ENGINEERED METAL BUILDINGS	COST+	%	
V.	·		COST +	% %	
V.	2	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING		%	
V.	2	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING	COST +	% %	
V.	2	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING INSTALL METAL TRUSSES	COST +	% %	
V.	2	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING INSTALL METAL TRUSSES	COST +	% %	
	2	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING INSTALL METAL TRUSSES INSTALL PRE-ENGINEERING AWNING/CANOPY	COST + COST +	% %	
	2 3 4	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING INSTALL METAL TRUSSES INSTALL PRE-ENGINEERING AWNING/CANOPY DIVISION 06 WOOD AND PLASTICS	COST + COST +	% %	
	2 3 4	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING INSTALL METAL TRUSSES INSTALL PRE-ENGINEERING AWNING/CANOPY DIVISION 06 WOOD AND PLASTICS	COST + COST + COST +	% %	
VI.	2 3 4	INSTALL PRE-ENGINEERED METAL BUILDINGS INSTALL METAL STUD FRAMING INSTALL METAL TRUSSES INSTALL PRE-ENGINEERING AWNING/CANOPY DIVISION 06 WOOD AND PLASTICS INSTALL OR FURNISH AS PER OWNER DIRECTION	COST + COST + COST + COST +		

	1	INSTALL/FURNISH DOORS AS PER OWNER DIRECTION COST +	%
	2	INSTALL /FURNISH WINDOWS AS PER OWNER DIRECTION COST +	
IX.		DIVISION 09 FINISHES	
	1	INSTALL FINISHES AS PER OWNER DIRECTION COST +	%
X.		DIVISION 10 SPECIALTIES	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%
XI.		DIVISION 11 EQUIPMENT	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%
XII.		DIVISION 12 FURNISHINGS	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%
XIII.		DIVISION 13 SPECIAL CONSTRUCTION	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%
XIV.		DIVISION 14 CONVEYING SYSTEMS	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%
XV.		DIVISION 15 MECHANICAL	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%
XVI.		DIVISION 16 ELECTRICAL	
	1	INSTALL OR FURNISH AND PER OWNER DIRECTION COST +	%