



**State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties Department**

**Notice To Proceed/Work Order**

Value -Added Programs

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This document has important legal consequences. Consultation with an attorney is encouraged.

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Notice to proceed date: **December 11, 2019.**

**BETWEEN** the Vendor's  
client – identified as the  
Owner:

**State of Oklahoma  
Office of Management and Enterprise Services  
Division of Capital Assets Management  
Construction and Properties Department  
Will Rogers Building  
2401 N. Lincoln, Suite 212  
Oklahoma City, OK 73152-3448**

On behalf of Using Agency: **OMES/CAM Construction & Properties**

And the Vendor: **Universal Roofing and Sheet Metal, Inc.  
PO Box 6650  
Moore, OK 73153**

For the following Project CAP Project Number: **20100** (*reference on all invoices*)  
Project Name: **State Of Oklahoma Roof Asset Management Program Map Area 1**

1. Authorization is given to proceed with the project of: **State Of Oklahoma Roof Asset Management Program.**
2. Work Periods set forth in the agreement or purchase order begin upon receipt of this Notice to Proceed / Work Order.
3. Contract Time: **From the date of this Notice To Proceed thru June 30, 2020 with the Option to renew at the same terms and conditions for four (4) additional one (1) year periods**
4. Substantial Completion Date: **June 30, 2020.**



This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion.

**AGREEMENT** made as of the 1<sup>st</sup> day of December, 2019.

**BETWEEN** the Owner: **State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties  
Will Rogers Building  
2401 N. Lincoln, Suite 212  
Oklahoma City, OK 73152-3448**

On behalf of **Office of Management and Enterprise Services**  
Using Agency: **Division of Capital Assets Management  
Construction and Properties Department**

And the Contractor: **Universal Roofing and Sheet Metal, Inc.  
PO Box 6650  
Moore, OK 73153**

For the Project: CAP Project No: **20100**  
Project Name: **Roof Asset Management Program Area 1**  
Project Location: **VariouS**

The Consultant is: **N/A**

The Owner and the Contractor agree as follows:

**ARTICLE 1. THE CONTRACT DOCUMENTS**

1.1 The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications and Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than Modifications, appears in Article 8.

**ARTICLE 2. THE WORK OF THIS CONTRACT**

2.1 The Contractor shall fully execute the Work described in the Contract Documents, except to the extent specifically indicated in the Contract Documents to be the responsibility of others.

**ARTICLE 3. DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION**

3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.

3.2 The Contract Time shall be measured from the date of Work Order.

3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than June 30, 2020, subject to adjustments of this Contract Time as provided in the Contract Documents.

**ARTICLE 4. CONTRACT SUM**

4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be Indefinite Delivery, Indefinite Quantity, on an as needed basis, based upon the Unit Price Schedule, attached, subject to additions and deductions as provided in the Contract Documents.

4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner.

None

**4.3 Options.** The following options shall remain available for 30 days after the contract date. After the expiration date, the cost of the option may be negotiated by the Owner and Contractor.

None

**4.4 Unit prices,** if any, are as follows:

See bid form, attached

## **ARTICLE 5. PAYMENTS**

### **5.1 PROGRESS PAYMENTS**

**5.1.1** The Contractor shall follow the current Rules and Procedures established by the Construction and Properties of Capital Assets Management, Office of Management and Enterprise Services, State of Oklahoma to ensure compliance with state statutes.

**5.1.2** Based upon Applications for Payment submitted to the Consultant by the Contractor and Certificates for Payment issued by the Consultant, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

**5.1.3** The period covered by each Application for Payment shall be one calendar month ending on the last day of the month or as follows: N/A

**5.1.4** Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Consultant may require. This schedule, unless objected to by the Consultant, shall be used as a basis for reviewing the Contractor's Application for Payment.

**5.1.5** Applications for Payment shall indicate the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

**5.1.6** Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

**5.1.6.1** Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedules of values, less retainage of five percent (5%). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Subparagraph 7.3.8 of CAP Document A201-General Conditions;

**5.1.6.2** Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of five percent (5%).

**5.1.6.3** Subtract the aggregate of previous payments made by the Owner; and

**5.1.6.4** Subtract amounts, if any, for which the Consultant has withheld or nullified a Certificate for Payment as provided in Paragraph 9.5 of CAP Document A201-1997.

**5.1.7** The progress payment amount determined in accordance with Subparagraph 5.1.6 shall be further modified under the following circumstances:

**5.1.7.1** Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Consultant and Owner shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and (stat other requirements if any).

**5.1.7.2** Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Subparagraph 9.10.3 of CAP Document A201-General Conditions.

**5.1.8** Reduction or limitation of retainage, if any, shall be as follows: Refer to CAP Form A201 General Conditions Section 9.3.1.1.

### **5.2 FINAL PAYMENT**

**5.2.1** Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when:

**5.2.1.1** the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Subparagraph 12.2.2 of CAP Document A201-General Conditions, and to satisfy other requirements, if any, which extend beyond final payment; and

**5.2.1.2** a final Certificate for Payment has been issued by the Consultant and accepted by the Owner.

5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Consultant's final Certificate for Payment.

**ARTICLE 6. TERMINATION OR SUSPENSION**

6.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of CAP Document A201-General Conditions.

6.2 The Work may be suspended by the Owner as provided in Article 14 of CAP Document A201-General Conditions.

**ARTICLE 7. MISCELLANEOUS PROVISIONS**

7.1 Where reference is made in this Agreement to a provision of CAP Document A201-General Conditions or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Document.

7.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the legal state rate.

7.3 The Owner's representative is: **Mickerl Jones, Director**  
**Construction and Properties** P. O. Box 53448  
**Capital Assets Management** Oklahoma City, OK 73152-3448

7.4 The Contractor's representative is: **Jimmy Guthrie**

7.6 Neither the Owner's nor the Contractor's representative shall be changed without ten days written notice to the other party.

7.7 **AUDITS AND RECORDS CLAUSE:** As used in this clause, "records" includes books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form. In accepting any contract with the State, the Contractor agrees any pertinent State or Federal agency will have the right to examine and audit all records relevant to execution of the resultant contract. The contractor is required to retain all records relative to this contract for the duration of the contract term and for a period of three years following completion and/or termination of the contract. If an audit, litigation, or other action involving such records are started before the end of the three year period, the records are required to be maintained for three years from the date that all issues arising out of the action are resolved or until the end of the three year retention period, whichever is later.

7.8 The Contractor certifies that it and all proposed subcontractors, whether known or unknown at the time this contract is executed or awarded, are in compliance with 25 O.S. §1313 and participate in the Status Verification System. The Status Verification System is defined in 25 O.S. §1312 and includes but is not limited to the free Employee Verification Program (E-Verify) available at [www.dhs.gov/e-verify](http://www.dhs.gov/e-verify).

7.9 Other provisions:

7.9.1 Per the State of Oklahoma Governor's Executive Order 2012-01, filed February 6, 2012 and effective July 1, 2012, the use of any tobacco product shall be prohibited on any and all properties owned, leased or contracted for use by the State of Oklahoma, including by not limited to all buildings, land and vehicles owned, leased or contracted for use by agencies or instrumentalities of the State of Oklahoma.

**ARTICLE 8. ENUMERATION OF CONTRACT DOCUMENTS**

8.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated as follows:

8.1.1 The Agreement is this executed edition of the Standard Form of Agreement Between Owner and Contractor, CAP Document A101.

8.1.2 The General Conditions are the current edition of the General Conditions of the Contract for Construction, CAP Document A201, as incorporated in the Project Manual.

8.1.3 The Supplementary and other Conditions of the Contract are those contained in the Project Manual dated **October 2019** and are as follows:

Document \_\_\_\_\_ Date

8.1.4 The Specifications are those contained in the Project Manual dated **October 2019** as in Subparagraph 8.1.3, and are as follows:

Number \_\_\_\_\_ Title \_\_\_\_\_ Date  
**20100** **Project Specifications** **October 2019**

8.1.5 The Drawings are as follows, and are dated N/A unless a different date is shown below:

Number	Title	Date
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8.1.6 The Addenda, if any, are as follows:

Number	Date	Pages
<b>Addendum 1</b>	<b>10/24/19</b>	<b>12</b>

8.1.7 Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 8.

8.1.8 Other documents, if any, forming part of the Contract Documents are as follows:

- Purchase Order**
- Notice to Proceed/Work Order**
- Unit price bid form**

This agreement is entered into as of the day and year first written above and is executed in at least three original copies, of which one is to be delivered to the Contractor, one to the Consultant for use in the administration of the Contract, and the remainder to the Owner.

This Agreement entered into as of the day and year written above.

STATE OF OKLAHOMA  
Office of Management and Enterprise Services  
Capital Assets Management

UNIVERSAL ROOFING AND SHEET METAL, INC

**Mickerl Jones**

Digitally signed by Mickerl Jones  
DN: cn=Mickerl Jones, o=CAP, ou=OMES,  
email=Mike.Jones@omes.ok.gov, c=US  
Date: 2019.12.11 11:25:12 -06'00'

\_\_\_\_\_  
(Owner Signature)

\_\_\_\_\_  
(Date Signed)

Mickerl Jones  
Director  
Construction and Properties

*Jimmy Guthrie*

12/3/19

\_\_\_\_\_  
(Contractor Signature)

\_\_\_\_\_  
(Date Signed)

**Jimmy Guthrie, President**  
\_\_\_\_\_  
(Printed Name and Title)

**27-0030166**  
\_\_\_\_\_  
(EIN/TIN Number)

The Using Agency certifies that funds are available and dedicated to complete the contract sums stated in this Contract. The Using Agency agrees to pay all project related costs including but not limited to work related to unknown site conditions, remediation of discovered environmental conditions, legal expenses, judgments and any reasonable project related expense.

**ATTACHMENTS:**

1. Non-Collusion Affidavit



**State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties**

**Non-Collusion Affidavit**

The statement below must be signed and notarized before this contract will become effective

STATE OF Oklahoma )  
 ) ss  
COUNTY OF Cleveland )

Project Name: State of Oklahoma Roof Asset Management Program Area 1  
CAP Project #: 20100

Jimmy Guthrie, of lawful age, being first duly sworn, on oath states

(s)he is the duly authorized agent of Univeral Roofing & Sheet Metal Inc. the Company under the contract which is attached to this statement, for the purpose of certifying the facts pertaining to the giving of things of value to government personnel in order to procure said Contract.

(S)He is fully aware of the facts and circumstances surrounding the making of the Contract to which this statement is attached and has been personally and directly involved in the proceedings leading to the procurement of said Contract: and

Neither the Company nor anyone subject to the Company's direction or control has paid, given or donated or agreed to pay, give or donate to any office or employee of the State of Oklahoma any money or other thing of value, either directly or indirectly, in procuring the Contract to which this statement is attached.

**Univeral Roofing & Sheet Metal Inc.**

(Company Printed Name)

Jimmy Guthrie  
(Authorized Representative Signature)

Subscribed and sworn to before me this 31st day of October, 2019

Jimmy Guthrie  
(Authorized Representative Printed Name)

President  
(Authorized Representative Printed Title)

[Signature]  
(Signature of notarial officer)



My Commission Expires: August 27, 2023

My Commission #: 15007940





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/29/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER <b>INSURICA - Oklahoma City</b> <b>5100 N. Classen Blvd, #300</b> <b>Oklahoma City, OK 73118</b>	CONTACT NAME: <b>Christi M Lewis, CIC, CISR</b> PHONE (A/C, No, Ext): <b>(405) 556-2329</b> FAX (A/C, No): <b>(405) 556-2332</b> E-MAIL ADDRESS: <b>Christi.Lewis@INSURICA.com</b>
	INSURER(S) AFFORDING COVERAGE INSURER A: <b>Acadia Insurance Company</b> NAIC # <b>31325</b> INSURER B: <b>Continental Western Insurance Co.</b> <b>10804</b> INSURER C: <b>CompSource Mutual Insurance Co.</b> <b>36188</b> INSURER D: _____ INSURER E: _____ INSURER F: _____
INSURED  <b>Universal Roofing &amp; Sheet Metal, Inc.</b> <b>P.O. Box 6650</b> <b>Moore, OK 73153</b>	

COVERAGES                      CERTIFICATE NUMBER:                      REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>		CPA4167778-25	10/1/2019	10/1/2020	EACH OCCURRENCE \$ <b>1,000,000</b> DAMAGE TO RENTED PREMISES (Ea occurrence) \$ <b>100,000</b> MED EXP (Any one person) \$ <b>5,000</b> PERSONAL & ADV INJURY \$ <b>1,000,000</b> GENERAL AGGREGATE \$ <b>2,000,000</b> PRODUCTS - COMP/OP AGG \$ <b>2,000,000</b>
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>		CPA4167778-25	10/1/2019	10/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ <b>1,000,000</b> BODILY INJURY (Per person) \$ _____ BODILY INJURY (Per accident) \$ _____ PROPERTY DAMAGE (Per accident) \$ _____
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ <b>0</b>	<input checked="" type="checkbox"/>		CUA4675393-25	10/1/2019	10/1/2020	EACH OCCURRENCE \$ <b>4,000,000</b> AGGREGATE \$ <b>4,000,000</b>
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	03264555	10/1/2019	10/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ <b>1,000,000</b> E.L. DISEASE - EA EMPLOYEE \$ <b>1,000,000</b> E.L. DISEASE - POLICY LIMIT \$ <b>1,000,000</b>

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
**FOR BID PURPOSES AREA 1 AND AREA 3. Certificate holder is afforded additional insured status with respects to auto, general liability and umbrella liability to all parties if required by written contract subject to policy terms and provisions. Coverages afforded under these policies will not be cancelled or allowed to expire until at least 30 days prior written notice has been given to owner.**

<b>CERTIFICATE HOLDER</b>  State of Oklahoma, Office of Management and Enterprise Services, Div. of Capital Assets Mgt. Construction and Properties Dept. Will Rogers Building 2401 Lincoln Blvd, Suite 106 Oklahoma City, OK 73152-3448	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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**State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties**

**Bid Form**

To: Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties  
P. O. Box 53448  
Oklahoma City, Oklahoma 73152-3448

From: Universal Roofing & Sheet Metal Inc.

*(Firm Name)*

Po Box 6605

*(Address)*

Moore, Oklahoma 73153

*(City/State/Zip)*

405-799-6400

*(Telephone No.)*

27-0030166

*(EIN/TIN No.)*

jguthrie@ursm.net

*(Email Address)*

Add #1 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

*(List Addendum Number(s) received above)*

1. The undersigned, being familiar with the local conditions affecting the cost and performance of the work, and with the Contract Documents, including the Solicitation for Bids Notice, General Conditions, Special Conditions for Construction Contracts, Specifications, Plans and Addendum Number(s) (listed above) on file in the Office of Management and Enterprise Services, Capital Assets Management, Construction and Properties, Will Rogers Building, 2401 N. Lincoln Blvd. Suite 212, Oklahoma City, Oklahoma 73105-4402, and in accordance with the provisions thereof, hereby proposes to furnish all labor, materials and equipment necessary for the following, in accordance with the plans and specifications for CAP Project Number 20100, for the sums listed.
2. In submitting the bid, it is understood that the right is reserved by the State of Oklahoma to reject any and all bids, and it is agreed that this bid may not be withdrawn for a period of thirty (30) days after the date of closing of same. Work is to start within ten (10) days after receipt of NOTICE TO PROCEED/WORK ORDER.
3. If the bid exceeds \$50,000, it shall be accompanied by a certified check or a cashier's check made payable to the State of Oklahoma, or a Corporate Surety Bond of a surety company duly authorized to do business in the State of Oklahoma, in the sum of five percent (5%) of the total amount of the bid (unless otherwise specified in the bid documents) which is submitted as bid security, conditioned upon the Bidder's entering into a contract with the State of Oklahoma in accordance with the terms of the bid. It is agreed that said bid security of the successful bidder will constitute liquidated damages, and not a penalty for the failure of the bidder to enter into a contract in accordance with this bid.
4. We propose to complete this work from the date of receipt of the NOTICE TO PROCEED/WORK ORDER to JUNE 30, 2020 WITH THE OPTION TO RENEW FOR FOUR (4) ADDITIONAL ONE (1) YEAR PERIODS.
5. The Bidder certifies that:
  - A. They are an Equal Employment Opportunity Employer and that they do not discriminate in any of their business or employment practices.
  - B. They, and all subcontractors and suppliers performing works on the Project, will comply with the provisions of the Oklahoma Taxpayer and Citizen Protection Act of 2007 and participate in the Status Verification System. The Status Verification System is defined in Oklahoma Statutes, Title 25. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify).
  - C. They will comply with the laws relating to public construction in the Oklahoma Statutes (Title 61) and the Oklahoma Administrative Code (Section 580, Chapter 20).
  - D. They will comply with all State of Oklahoma Governor's Executive Orders, including those relating to the prohibited use of any and all tobacco product on any and all properties owned, leased or contracted for use by the State of Oklahoma, including but not limited to all buildings, land and vehicles owned, leased or contracted for use by agencies or instrumentalities of the State of Oklahoma.



**State Roof Asset Management Program Bid / CAP Project No. 20100**

**Form Roofing Contract AREA 1 Universal Roofing**

2.1	WATERPROOFING & DAMPPROOFING		Unit	Unit Price	x	Estimated Quantity	=	Extended Price per Year
2.1 10 100	Pressure cleaning.		SF	\$0.28	x	10,000	=	\$2,800.00
2.1 10 150	Bio-Algaecide, one application.		SF	\$0.49	x	10,000	=	\$4,900.00
2.1 10 200	Waterproofing, asphalt emulsion coating, brush applied, per coat.		SF	\$0.60	x	1,000	=	\$600.00
2.1 10 250	Penetrating sealer siloxane water repellent.		SF	\$0.85	x	750	=	\$637.50
2.1 10 300	Waterproofing, rubberized coating, brush applied, per coat.		SF	\$0.27	x	1,000	=	\$270.00
2.1 10 400	Waterproofing, vinyl/acrylic, brush applied (smooth), per coat.		SF	\$2.60	x	1,000	=	\$2,600.00
2.1 10 500	Waterproofing, non-pigmented synthetic resin, sprayed on, 1 coat.		SF	\$2.35	x	1,000	=	\$2,350.00
2.1 10 600	Waterproofing, premium clear cladding 1 coat flooded.		SF	\$2.45	x	1,000	=	\$2,450.00
2.1 10 700	Waterproofing, above & below grade per coat.		SF	\$4.45	x	1,000	=	\$4,450.00
2.1 10 750	Waterproofing cold fluid applied brush, roll or spray.		SF	\$4.45	x	100	=	\$445.00
2.1 10 800	Waterproofing, Elastomeric Joint Sealant 1/4" x 1/4".		LF	\$3.10	x	500	=	\$1,550.00
2.1 10 801	Urethane Injection at 1" expansion joint in wall.		LF	\$4.45	x	1,000	=	\$4,450.00
2.1 10 850	Vehicular urethane aliphatic traffic coating.		SF	\$6.85	x	500	=	\$3,425.00
2.1 10 900	Masonry cleaning, walls.		SF	\$1.20	x	5,000	=	\$6,000.00
2.1 15 450	Bentonite Geotextile waterproofing.		SF	\$7.75	x	100	=	\$775.00
2.1 20 100	Caulking, remove existing, clean & prime joint.		LF	\$1.85	x	5,000	=	\$9,250.00

2.1	20	200	Caulking, epoxy urethane 1/4" x 1/4" compound, 2 component, in place.	LF	\$1.20	x	1,000	=	\$1,200.00
2.1	20	300	Caulking, polyurethane, 1/4" x 1/4", 1 component, in place.	LF	\$0.58	x	1,000	=	\$580.00
2.1	20	400	Caulking, polyurethane, 1/2" x 1/2", 1 component, in place.	LF	\$0.58	x	1,000	=	\$580.00
2.1	20	500	Caulking, silicone rubber, 1/4" x 1/4", in place.	LF	\$1.15	x	1,000	=	\$1,150.00
2.1	20	600	Caulking, silicone rubber, 3/4" x 3/8" in place.	LF	\$1.25	x	1,000	=	\$1,250.00
2.1	20	650	Preformed silicone faced 1" expansion joint.	LF	\$55.00	x	10	=	\$550.00
2.1	20	700	Preformed silicone faced 2" expansion joint.	LF	\$75.00	x	10	=	\$750.00
2.1	30	100	Backer rod, polyethylene, 3/8" diameter installed in pre-prepared opening.	LF	\$0.10	x	2,000	=	\$200.00
2.1	30	200	Backer rod, polyethylene, 1/2" diameter installed in pre-prepared opening.	LF	\$0.15	x	2,000	=	\$300.00
2.1	30	300	Backer rod, polyethylene, 3/4" diameter installed in pre-prepared opening.	LF	\$0.20	x	2,000	=	\$400.00
2.1	30	400	Backer rod, polyethylene, 1" diameter installed in pre-prepared opening.	LF	\$0.03	x	2,000	=	\$50.00
2.1	40	100	Building paper, asphalt felt sheathing paper, 30 # in place.	SF	\$0.30	x	15,000	=	\$4,500.00
2.1	40	200	Building paper, red rosin paper, 5 sq. rolls, 4 lbs. per sq., in place.	SF	\$0.15	x	15,000	=	\$2,250.00
2.1	50	100	Vapor retarder, 2 ply inorganic, applied in Type III asphalt, in place.	SF	\$1.45	x	1,000	=	\$1,450.00
2.1	60	100	Prime deck using asphalt primer.	SF	\$0.30	x	5,000	=	\$1,500.00

## 2.2 INSULATION

2.2	10	100	Demolition of roof insulation, per in. of depth.	SF	\$0.23	x	100,000	=	\$23,000.00
2.2	10	200	Demolition of lightweight cementitious fill, per inch of depth.	SF	\$0.20	x	10,000	=	\$2,000.00
2.2	20	100	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1-1/2" thick, R-10.0, applied in Type IV asphalt.	SF	\$1.40	x	10,000	=	\$14,000.00
2.2	20	200	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 2-1/2" thick, R-15.30, applied in Type IV asphalt.	SF	\$1.75	x	50,000	=	\$87,500.00
2.2	20	300	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, in 1-1/2" thick, R-10.0, mechanically fastened.	SF	\$1.30	x	10,000	=	\$13,000.00
2.2	20	400	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 2-1/2" thick, R-15.3, mechanically fastened.	SF	\$1.65	x	50,000	=	\$82,500.00
2.2	30	100	Roof deck insulation, fiberboard in 4' x 4' or 4' x 8' sheets, 1/2" thick, R-1.39, applied in Type IV asphalt.	SF	\$1.38	x	10,000	=	\$13,800.00
2.2	30	200	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, applied in Type IV asphalt.	SF	\$1.40	x	10,000	=	\$14,000.00
2.2	30	300	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39 mechanically fastened.	SF	\$0.35	x	10,000	=	\$3,500.00
2.2	30	400	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, mechanically fastened.	SF	\$0.52	x	10,000	=	\$5,200.00
2.2	30	500	Roof deck insulation, 4' x 8' x 1/4" adhered or fastened, equiv to Dens Deck.	SF	\$0.75	x	10,000	=	\$7,500.00

2.2	30	600	Roof deck insulation, 4' x 8' x 1/2" adhered or fastened, equiv to Dens Deck.	SF	\$1.05	x	10,000	=	\$10,500.00
2.2	40	100	Roof deck insulating concrete, lightweight air entrained pre-generated cellular concrete mixed with Portland, R-value depending on thickness, per inch of depth per square foot.	SF	\$1.25	x	10,000	=	\$12,500.00
2.2	50	100	Roof deck insulaton, Isocyanurate (black facer only), tapered, 1/4" per foot slope, applied in Type IV asphalt, per inch of depth.	SF	\$1.20	x	10,000	=	\$12,000.00
2.2	50	200	Roof deck insulaton, perlite, tapered 1/8", applied in asphalt, per SF, per inch of thickness.	SF	\$1.00	x	10,000	=	\$10,000.00
2.2	60	100	Roof deck insulation, cold insulation adhesive, per layer per square foot.	SF	\$0.15	x	10,000	=	\$1,500.00
2.2	60	200	Roof deck insulation, Foam Adhesive per layer square foot.	SF	\$0.60	x	10,000	=	\$6,000.00

### SHINGLES, SHAKES & ROOFING

#### 2.3 TILES

2.3	10	100	Remove composition shingles and felts, to decking (for 1 layer of shingles and felt).	SF	\$0.38	x	50,000	=	\$19,000.00
2.3	10	200	Remove roof tiles of clay, concrete, or slate for 1 layer of tiles and felt.	SF	\$0.95	x	5,000	=	\$4,750.00
2.3	10	300	Remove wood shingles or shakes, for 1 layer of wood shingles/shakes and felt.	SF	\$0.40	x	5,000	=	\$2,000.00
2.3	10	320	Asfalt Starter, Universal Starter Course	LF	\$1.75	x	100	=	\$175.00
2.3	10	330	Ridge Cap, Composition Shingles	LF	\$3.15	x	100	=	\$315.00
2.3	10	340	Ridge Cap, High Profile	LF	\$5.65	x	100	=	\$565.00
2.3	10	350	Continuous Ridge Vent, Shingle-over style	LF	\$7.30	x	100	=	\$730.00

2.3	10	360	Step Flashing	LF	\$8.25	x	100	=	\$825.00
2.3	20	100	Shingles, fiberglass, Class A, 25-year standard strip shingles.	SF	\$1.75	x	5,000	=	\$8,750.00
2.3	20	200	Shingles, fiberglass, Class A, 30-year laminated multi-layered shingles.	SF	\$1.85	x	25,000	=	\$46,250.00
2.3	20	300	Shingles, fiberglass, Class A, 40-year premium laminated multi-layered shingles.	SF	\$2.30	x	2,000	=	\$4,600.00
2.3	30	100	Replace roof tiles (clay, slate).	EA	\$50.00	x	50	=	\$2,500.00
2.3	30	200	Multi-Width Slate Polymer Tile.	SF	\$15.00	x	50	=	\$750.00
2.3	40	100	No. 1 Blue label sawn and kiln-dried Western red cedar shingles, 16" length. Fire-retardant pressure treated units.	SF	\$3.10	x	2,000	=	\$6,200.00
2.3	40	200	No. 1 Blue label taper sawn and kiln-dried Western red cedar shakes, 24" length with 5/8" butt. Fire-retardant pressure treated units.	SF	\$3.45	x	2,000	=	\$6,900.00
2.3	40	300	Ice and water shield underlayment.	SF	\$0.75	x	2,000	=	\$1,500.00
2.3	50	100	Additional cost for over 9/12 pitch.	SF	\$0.10	x	5,000	=	\$500.00
<b>2.4 ROOFING &amp; ROOF RESTORATION</b>									
2.4	10	100	Remove built-up roofing, multi-ply with aggregate, (1 layer 4-ply built-up roofing).	SF	\$0.35	x	100,000	=	\$35,000.00
2.4	10	110	Spud embedded aggregate.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	10	120	Sweep loose aggregate from membrane.	SF	\$0.25	x	25,000	=	\$6,250.00
2.4	10	130	Wet vacuum loose aggregate from membrane.	SF	\$0.10	x	25,000	=	\$2,500.00
2.4	10	200	Remove single ply roof, ballast and membrane only.	SF	\$0.05	x	25,000	=	\$1,250.00

2.4	10	210	Remove single ply roof, membrane (partial or fully adhered) only.	SF	\$0.05	x	25,000	=	\$1,250.00
2.4	10	220	Remove single ply roof, membrane (mechanically attached) only.	SF	\$0.05	x	25,000	=	\$1,250.00
2.4	10	300	Remove copper sheet roofing.	SF	\$0.12	x	10,000	=	\$1,200.00
2.4	10	400	Flood coat and gravel surface, asphalt.	SF	\$0.98	x	50,000	=	\$49,000.00
2.4	10	500	Flood coat and gravel surface, coal tar pitch.	SF	\$0.45	x	10,000	=	\$4,500.00
2.4	10	600	Flood coat and gravel surface, Modified Cold process coal tar adhesive equal to Garland Black Knight Cold.	SF	\$2.00	x	5,000	=	\$10,000.00
2.4	10	700	Flood coat with white marble and white low-VOC adhesive, Energy Star.	SF	\$1.05	x	5,000	=	\$5,250.00
2.4	20	100	3 ply fiberglass, Type IV asphalt.	SF	\$1.15	x	25,000	=	\$28,750.00
2.4	20	150	3 ply type IV TC fiberglass felt, coal tar pitch, 10 year warranty.	SF	\$1.15	x	25,000	=	\$28,750.00
2.4	30	100	4 ply Type IV fiberglass felt, Type IV asphalt, 20 year warranty.	SF	\$2.65	x	25,000	=	\$66,250.00
2.4	30	200	4 ply, type IV TC fiberglass felt, coal tar pitch, 20 year warranty.	SF	\$1.35	x	25,000	=	\$33,750.00
2.4	30	300	3 ply type VI fiberglass felts, 1 ply polyester in asphalt, equiv to Hickman 101.	SF	\$1.75	x	25,000	=	\$43,750.00
2.4	30	400	2 ply modified system with Energy Star cap ply per square foot.	SF	\$2.87	x	25,000	=	\$71,750.00
2.4	30	500	2 ply modified bitumen roof system with Bottom ply in asphalt cap ply in cold process adhesive. Equal to Siplast 20/30 FR.	SF	\$4.05	x	25,000	=	\$101,250.00



2.4	30	600	2 ply high performance modified bitumen roof system with asphalt flood coat & gravel surfacing 30 year warranty.	SF	\$5.85	x	5,000	=	\$29,250.00
2.4	30	700	2 ply high performance modified bitumen roof equal to Garland Stress Ply Plus.	SF	\$5.35	x	5,000	=	\$26,750.00
2.4	40	100	Siplast 20/30FR with Eco Active Noxite Granules. Pollutant absorbing, 20 year system or equal.	SF	\$5.15	x	2,000	=	\$10,300.00
2.4	40	200	3 plies Type 6 in Type 3 asphalt w/white Mod Bit w/white adhesive Energy Star, Fire Rated.	SF	\$2.25	x	10,000	=	\$22,500.00
2.4	40	300	3 ply trilaminate BUR in low-solvent/low-odor adhesive with gravel.	SF	\$1.95	x	10,000	=	\$19,500.00
2.4	50	100	Built-up roof, 2 ply Type IV fiberglass, 1 ply modified bitumen sheet, Type IV asphalt, 10 year warranty.	SF	\$2.15	x	25,000	=	\$53,750.00
2.4	50	200	Built-up roof, 1 ply modified bitumen base sheet, 1 ply modified bitumen cap sheet, Type IV asphalt, 10 year warranty.	SF	\$2.75	x	25,000	=	\$68,750.00
2.4	50	225	Built-up roof, added cost mechanically attached G2 fiberglass base sheet.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	50	250	Built-up roof, added cost Type IV asphalt attached G2 fiberglass base sheet.	SF	\$0.35	x	25,000	=	\$8,750.00
2.4	50	280	Venting base sheet, installed in asphalt per square foot.	SF	\$0.35	x	25,000	=	\$8,750.00
2.4	50	285	Venting base sheet, mechanically attached per square foot.	SF	\$1.10	x	25,000	=	\$27,500.00
2.4	50	300	Built-up roof, premium asphalt equiv. to Garland modified coal tar pitch Millennium, added cost per ply per square foot.	SF	\$8.15	x	5,000	=	\$40,750.00

2.4	50	310	Built-up roof system, 4" hail total system 20. Two plies mod bit with flood and gravel. Year total system warranty. Labor and material. Equal to Siplast 4" hail NDL.	SF	\$4.65	x	5,000	=	\$23,250.00
2.4	50	320	Fluid Applied Reinforced Roof System, two base coats with reinforcing, three finish coats, 20 year warranty. Equal to Hydro Stop system.	SF	\$2.65	x	15,000	=	\$39,750.00
2.4	50	400	Built-up roof, Perma Mop asphalt, added cost per ply per square foot.	SF	\$0.45	x	25,000	=	\$11,250.00
2.4	50	450	Built-up roof, Demi Mop asphalt, added cost per ply per square foot.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	50	500	Built-up roof, elastomeric modified asphalt, elongation 128-150 percent, added cost per ply per sq ft.	SF	\$0.15	x	25,000	=	\$3,750.00
2.4	50	501	SBS Modified Bitumen Cap Sheet Overlay, Cold Applied, Hot Air Welded Laps.	SF	\$2.85	x	25,000	=	\$71,250.00
2.4	50	550	Cold process adhesive, added cost per ply, per square foot.	SF	\$0.35	x	15,000	=	\$5,250.00
2.4	50	600	Cold process adhesive, added cost per ply, per sq ft, low fume/solvent equiv. to Siplast SFT.	SF	\$0.40	x	15,000	=	\$6,000.00
2.4	50	650	Built-up roof, surface with cold asphaltic adhesive and gravel.	SF	\$0.20	x	15,000	=	\$3,000.00
2.4	50	700	Built-up roofing, surface with emulsion and granules.	SF	\$0.20	x	10,000	=	\$2,000.00
2.4	50	750	Built-up roof, surface with emulsion and aluminum coating.	SF	\$0.22	x	5,000	=	\$1,100.00
2.4	50	800	Energy Star coating over smooth surface roofing.	SF	\$1.35	x	5,000	=	\$6,750.00

2.4	50	850	Built-up roof, surface with aluminum coating or paint.	SF	\$0.20	x	10,000	=	\$2,000.00
2.4	60	100	Built-up roofing repairs; fibered asphalt mastic (trowel grade) with fiberglass mesh.	SF	\$1.50	x	5,000	=	\$7,500.00
2.4	60	200	Built-up roofing repairs; fibered asphalt mastic (brush grade) with fiberglass mesh.	SF	\$0.15	x	5,000	=	\$750.00
2.4	60	300	Built-up roofing repairs; pitch based mastic with fiberglass mesh.	SF	\$0.25	x	5,000	=	\$1,250.00
2.4	60	400	Built-up roofing repairs, elastomeric mastic with fiberglass mesh.	SF	\$0.35	x	5,000	=	\$1,750.00
2.4	70	100	Single-ply roof, EPDM, 60 mils, mechanically fastened.	SF	\$1.55	x	10,000	=	\$15,500.00
2.4	70	200	Single-ply roof, EPDM, 60 mils, fully adhered.	SF	\$1.75	x	10,000	=	\$17,500.00
2.4	70	300	Single-ply roof, EPDM, 120 mils, fully adhered, fleece back.	SF	\$2.00	x	10,000	=	\$20,000.00
2.4	70	350	Single-ply roof, TPO, 60 mils reinforced, fully adhered.	SF	\$3.20	x	10,000	=	\$32,000.00
2.4	70	400	Single-ply roof, TPO, 80 mils reinforced, fully adhered.	SF	\$3.60	x	10,000	=	\$36,000.00
2.4	70	420	Single Ply Roof, TPO, prefabricated pipe boot flashing.	EA	\$45.00	x	50	=	\$2,250.00
2.4	70	500	Single-ply roof, PVC 60 mils, fully adhered.	SF	\$3.20	x	5,000	=	\$16,000.00
2.4	80	100	Flashing membrane, aluminum, foil clad, modified bitumen membrane.	SF	\$4.85	x	5,000	=	\$24,250.00
2.4	80	200	Flashing membrane, 1-ply polyester and 1 ply modified bitumen.	SF	\$3.70	x	5,000	=	\$18,500.00
2.4	80	300	Flashing membrane, base ply and granular surface modified cap.	SF	\$5.25	x	5,000	=	\$26,250.00

2.4	80	350	PMMA flashing membrane, resin based liquid flashing	SF	\$26.00	x	100	=	\$2,600.00
2.4	80	400	Flashing membrane, PVC.	SF	\$4.85	x	2,000	=	\$9,700.00
2.4	80	500	Premium Flashing membrane, equiv. to Hickman Pikaply MS-4.	SF	\$2.50	x	2,000	=	\$5,000.00
2.4	80	600	Flashing membrane, EPDM.	SF	\$5.25	x	2,000	=	\$10,500.00
2.4	80	700	Flashing membrane, TPO fleece back.	SF	\$0.75	x	2,000	=	\$1,500.00
2.4	80	800	Flashing membrane, high performance 2 ply modified bitumen in cold modified asphalt flashing adhesive.	SF	\$8.55	x	2,000	=	\$17,100.00
2.4	90	100	Polyurethane foam roofing 1" thick.	SF	\$0.95	x	15,000	=	\$14,250.00
2.4	90	200	Polyurethane foam, low rise adhesive, equiv. to Carlisle Fast 100.	SF	\$0.45	x	5,000	=	\$2,250.00
2.4	90	300	Polyurethane foam roofing, DFT: minimum 30 mils, Acrylic.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	90	400	Polyurethane foam roofing, DFT: minimum 22 mils, Silicone.	SF	\$0.40	x	25,000	=	\$10,000.00
<b>2.5 MASONRY</b>									
2.5	10	100	Brick, remove and reset (Quantity 1-50 sf).	SF	\$11.00	x	50	=	\$550.00
2.5	10	200	Brick, remove and reset (Quantity over 50 sf).	SF	\$12.55	x	100	=	\$1,255.00
2.5	10	250	Patch limestone spall to match existing.	SF	\$235.00	x	10	=	\$2,350.00
2.5	10	275	Repair limestone cracks.	LF	\$38.00	x	50	=	\$1,900.00
2.5	10	280	Reset/Secure limestone panel.	EA	\$2,800.00	x	1	=	\$2,800.00
2.5	10	285	Replace limestone panel, per 1" thickness.	SF	\$450.00	x	5	=	\$2,250.00

2.5	10	290	Anchor stones with Helifix anchors.	EA	\$70.00	x	10	=	\$700.00
2.5	10	295	Swing stage, per 10' section per month.	EA	\$515.00	x	5	=	\$2,575.00
2.5	10	300	Block, remove and reset.	EA	\$150.00	x	5	=	\$750.00
2.5	10	400	Coping stones, remove and reset.	EA	\$200.00	x	5	=	\$1,000.00
2.5	20	100	Tuck pointing brick, 8ft high wall.	LF	\$5.00	x	250	=	\$1,250.00
2.5	20	150	Tuck point stone, 8ft high wall.	LF	\$5.00	x	250	=	\$1,250.00
2.5	20	170	Repair of 1" expansion joint by urethane injection.	LF	\$36.00	x	250	=	\$9,000.00
2.5	20	200	Excavation of dirt to allow below grade grade. Price id per L' by 8" deep and sloped or shored to meet OSHA trench requirements.	LF	\$225.00	x	250	=	\$56,250.00

## 2.6 METAL WORK

2.6	10	100	Remove standard metal decking.	SF	\$0.95	x	5,000	=	\$4,750.00
2.6	10	200	Install metal deck.	SF	\$3.78	x	5,000	=	\$18,900.00
2.6	20	100	Remove metal counter flashing.	LF	\$0.40	x	2,000	=	\$800.00
2.6	20	200	Counter flashing, galvanized, 24 gauge, 6" wide.	LF	\$2.75	x	2,000	=	\$5,500.00
2.6	20	300	Counter flashing, copper, 16 oz, 6" wide, 24 gauge galvanized.	LF	\$3.85	x	1,000	=	\$3,850.00
2.6	20	400	Receiver flashing, 24 gauge, galvanized.	LF	\$2.50	x	1,000	=	\$2,500.00
2.6	30	100	Remove metal edge, gravel stop, eave strip or coping.	LF	\$0.35	x	2,000	=	\$700.00
2.6	30	200	Metal edge, galvanized, 6" face, hemmed.	LF	\$4.40	x	2,000	=	\$8,800.00

2.6	30	300	Gravel stop, galvanized steel, 24 gauge, 6" face.	LF	\$5.85	x	2,000	=	\$11,700.00
2.6	30	400	Gravel stop, galvanized steel, ANSI SPRI ES-1.	LF	\$7.15	x	2,000	=	\$14,300.00
2.6	40	100	Remove metal gutter.	LF	\$0.45	x	1,500	=	\$675.00
2.6	40	200	Gutter, galvanized steel, 24 gauge, 5" box or ogee, mill finish.	LF	\$10.10	x	2,500	=	\$25,250.00
2.6	40	300	Gutter, galvanized steel, 24 gauge, 5" box or ogee, Kynar finish.	LF	\$13.00	x	2,000	=	\$26,000.00
2.6	40	400	Gutter, copper, 16 oz, half round, 5" wide.	LF	\$13.65	x	1,000	=	\$13,650.00
2.6	40	500	Gutter, copper, 16 oz, half round, 6" wide.	LF	\$14.00	x	1,000	=	\$14,000.00
2.6	40	120	Drip Edge, Residential style	LF	\$2.14	x	100	=	\$214.00
2.6	40	150	Valley Metal, W profile, painted	LF	\$8.21	x	100	=	\$821.00
2.6	40	220	Guttering/Downspout - Aluminum - up tp 5" Residential Type - R&R	LF	\$5.71	x	100	=	\$571.00
2.6	40	420	Flashing, Pipe Jack , up to 4"	EA	\$39.95	x	1	=	\$39.95
2.6	40	430	Flashing, Pipe Jack, 4" to 6"	EA	\$54.57	x	1	=	\$54.57
2.6	40	520	Roof Vent, Turtle type	EA	\$55.29	x	1	=	\$55.29
2.6	40	530	Exhaust Cap, through roof, 6" to 8"	EA	\$78.85	x	1	=	\$78.85
2.6	50	100	Remove metal downspout.	LF	\$0.40	x	500	=	\$200.00
2.6	50	200	Downspout, galvanized, 24 gauge, 3" x 4", Kynar finish.	LF	\$12.85	x	500	=	\$6,425.00
2.6	50	300	Downspout, galvanized, 24 gauge, 3" x 4".	LF	\$7.00	x	500	=	\$3,500.00
2.6	50	400	Downspout, GI, 24 gauge, 4" round, Kynar finished.	LF	\$5.50	x	500	=	\$2,750.00



2.6	50	500	Downspout, copper, 16 oz, 6" round.	LF	\$14.00	x	500	=	\$7,000.00
2.6	50	600	Downspout, strainer.	EA	\$2.00	x	50	=	\$100.00
2.6	60	100	Metal flashing, copper, 16 oz, apron flashing, 9" wide.	LF	\$4.50	x	250	=	\$1,125.00
2.6	60	200	Metal flashing, copper, 16 oz, step flashing.	EA	\$19.00	x	10	=	\$190.00
2.6	60	225	Flashing, pipe penetration, single ply PVC.	EA	\$50.00	x	5	=	\$250.00
2.6	60	300	Metal splash pan, copper, 16 oz.	EA	\$26.00	x	10	=	\$260.00
2.6	60	350	Metal splash pan, 24 gauge, galvanized.	EA	\$22.00	x	10	=	\$220.00
2.6	60	400	Metal trim, aluminum, painted.	SF	\$8.25	x	500	=	\$4,125.00
2.6	60	500	Metal storm collar.	EA	\$35.00	x	10	=	\$350.00
2.6	60	600	Metal coping, galvanized steel, 24 gauge.	SF	\$8.00	x	1,000	=	\$8,000.00
2.6	60	650	Metal coping, galvanized steel, 24 gauge, ANSI SPRI ES - 1.	SF	\$9.25	x	1,000	=	\$9,250.00
2.6	60	700	Standing seam panels, 24 gauge, prefinished.	SF	\$4.50	x	5,000	=	\$22,500.00
2.6	60	750	R Panels, 26 galvanized, pre-finished.	LF	\$3.60	x	5,000	=	\$18,000.00
2.6	60	800	Panel batten covers, standing seam.	LF	\$0.75	x	7,500	=	\$5,625.00
2.6	60	900	Hat channels, galvanized.	LF	\$1.00	x	7,500	=	\$7,500.00
2.6	60	950	Standing seam, continuous clip.	LF	\$0.90	x	7,500	=	\$6,750.00
2.6	60	975	Standing seam, 4" clips.	EA	\$6.00	x	10	=	\$60.00
2.6	60	980	Standing seam panels, 18" wide.	SF	\$7.40	x	5,000	=	\$37,000.00
2.6	60	990	Head wall flashing.	SF	\$6.75	x	200	=	\$1,350.00
2.6	70	100	Ridge Cap Flashing.	SF	\$7.00	x	200	=	\$1,400.00

2.6	70	200	4" metal stud, 15 gauge, galvanized	LF	\$1.10	x	10,000	=	\$11,000.00
2.6	70	300	6" metal stud, 16 gauge galvanized.	LF	\$1.30	x	10,000	=	\$13,000.00
2.6	70	400	Roof jack, galvanized, 24 gauge.	EA	\$135.00	x	10	=	\$1,350.00
2.6	70	500	Ice Dams, standing seam roofs.	EA	\$35.00	x	10	=	\$350.00
2.6	70	600	Snow Retention Systems, standing seam roofs.	EA	\$45.00	x	10	=	\$450.00
2.6	70	700	Zees, 14 gauge.	EA	\$135.00	x	10	=	\$1,350.00
<b>2.7 WOODWORK</b>									
2.7	10	100	Demolition of plywood or standard 1" x 6" decking.	SF	\$0.45	x	10,000	=	\$4,500.00
2.7	10	200	Demolition of standard 2" x 6" tongue and groove decking.	SF	\$0.78	x	10,000	=	\$7,800.00
2.7	20	100	Plywood decking, CDX, 1/2" thick.	SF	\$1.35	x	5,000	=	\$6,750.00
2.7	20	200	Plywood decking, CDX, 5/8" thick.	SF	\$1.37	x	20,000	=	\$27,400.00
2.7	20	300	Plywood decking, CDX, 3/4" thick.	SF	\$1.69	x	10,000	=	\$16,900.00
2.7	20	400	Standard 1" x 6" decking.	SF	\$0.43	x	10,000	=	\$4,300.00
2.7	20	500	Standard 2" x 6" tongue and groove decking.	SF	\$2.08	x	5,000	=	\$10,400.00
2.7	30	100	Cants, wood fiber, trapezoidal, 1-1/2" x 5-5/8".	LF	\$1.15	x	1,000	=	\$1,150.00
2.7	30	200	Cants, treated wood, 4" x 4" diagonal.	LF	\$0.65	x	2,000	=	\$1,300.00
2.7	40	100	Nailer, treated wood, 1" x 4".	LF	\$1.85	x	1,000	=	\$1,850.00
2.7	40	200	Nailer, treated wood, 2" x 4".	LF	\$3.80	x	1,000	=	\$3,800.00
2.7	40	300	Nailer, treated wood, 2" x 6".	LF	\$3.90	x	1,000	=	\$3,900.00
2.7	50	100	Curbing, treated wood, 2" x 12".	LF	\$4.00	x	1,000	=	\$4,000.00

2.7	60	100	Joist, fir, 2" x 6".	LF	\$2.45	x	1,000	=	\$2,450.00
2.7	60	200	Joist, fir, 2" x 10".	LF	\$2.25	x	1,000	=	\$2,250.00
2.7	60	300	Fascia board, 1" x 10", treated wood	LF	\$2.75	x	1,000	=	\$2,750.00

## 2.8 ROOF SPECIALTIES & ACCESSORIES

2.8	10	100	Remove roof hatch.	EA	\$300.00	x	1	=	\$300.00
2.8	10	200	Roof hatch, 16 gauge or heavier 2'6" x 3'0".	EA	\$1,200.00	x	1	=	\$1,200.00
2.8	10	300	Roof Hatch railing.	EA	\$1,200.00	x	1	=	\$1,200.00
2.8	10	400	Tectum roof deck tile, 1" thick.	SF	\$3.50	x	2,000	=	\$7,000.00
2.8	20	100	Remove existing roof drain, except plumbing.	EA	\$220.00	x	5	=	\$1,100.00
2.8	20	200	Install new roof drain, except plumbing.	EA	\$800.00	x	5	=	\$4,000.00
2.8	20	225	Install interior roof drain, single ply PVC.	EA	\$425.00	x	5	=	\$2,125.00
2.8	20	250	Install new roof drain cover.	EA	\$75.00	x	5	=	\$375.00
2.8	20	300	Flash existing roof drain.	EA	\$425.00	x	5	=	\$2,125.00
2.8	20	400	Plumbing stack, 4# lead flashing.	EA	\$100.00	x	5	=	\$500.00
2.8	20	500	Scupper, GI, 24 ga.; match existing configuration.	EA	\$100.00	x	50	=	\$5,000.00
2.8	20	525	Scupper, metal coated for single ply PVC.	EA	\$100.00	x	5	=	\$500.00
2.8	20	600	Conductor head.	EA	\$125.00	x	50	=	\$6,250.00
2.8	30	100	Remove existing walkway, built-up roofs.	SF	\$0.10	x	5,000	=	\$500.00

2.8	30	150	Remove existing walkway, concrete pavers	SF	\$2.00	x	1,000	=	\$2,000.00
2.8	30	200	Walkway, built-up roofs.	SF	\$3.15	x	5,000	=	\$15,750.00
2.8	30	300	Walkway, concrete pavers.	SF	\$25.00	x	1,000	=	\$25,000.00
2.8	40	100	Roof Ventilators, per 2000 CFM.	EA	\$1,000.00	x	1	=	\$1,000.00
2.8	40	200	Install roof curb, 3' x 6' with flashing nailer.	EA	\$550.00	x	5	=	\$2,750.00
2.8	40	300	Skylight, meets OSHA fall protection, meets class 4 hail, 20 yr warranty.	EA	\$2,050.00	x	5	=	\$10,250.00
2.8	40	400	Furnish and install skylight, 4' x 4'.	EA	\$800.00	x	5	=	\$4,000.00
2.8	40	500	Install temporary fall protection per eight linear feet.	EA	\$200.00	x	200	=	\$40,000.00
2.8	50	100	Roof ladder, steel, bolted to concrete, up to 20 ft, without cage.	EA	\$2,000.00	x	1	=	\$2,000.00
2.8	50	150	Pipe supports, 1/2" - 1-1/2" pipe.	EA	\$30.00	x	50	=	\$1,500.00
2.8	50	175	Pipe supports, 2" - 3-1/2" pipe.	EA	\$43.00	x	50	=	\$2,150.00
2.8	50	200	Roof ladder, steel, bolted to concrete, 20 ft and up with cage.	EA	\$2,800.00	x	1	=	\$2,800.00
2.8	50	300	Roof ladder, security ladder guard.	EA	\$800.00	x	1	=	\$800.00
2.8	60	100	Termination bar, aluminum, 1/4" x 1".	LF	\$1.70	x	2,000	=	\$3,400.00
2.8	70	100	Pitch pocket, GI, 24 gauge, 4" x 4", with storm collar.	EA	\$70.00	x	25	=	\$1,750.00
2.8	70	150	Pre built form with filler, 6" round.	EA	\$50.00	x	25	=	\$1,250.00
2.8	70	200	Pitch pocket, GI, 24 gauge, 8" x 8", with storm collar.	EA	\$70.00	x	25	=	\$1,750.00
2.8	70	210	Pre built form with filler, 8" round.	EA	\$60.00	x	25	=	\$1,500.00
2.8	70	300	Pitch pocket, resurface top only.	EA	\$30.00	x	50	=	\$1,500.00

2.8	70	325	Pitch pocket, single ply PVC.	EA	\$68.00	x	5	=	\$340.00
2.8	70	340	Resin based reinforced penetration flashing per 12" x 12" penetration.	EA	\$340.00	x	1	=	\$340.00
2.8	80	100	Expansion joint, butyl or neoprene bellows.	LF	\$11.00	x	500	=	\$5,500.00
2.8	80	200	Expansion joint, 24 gauge, G90 metal.	LF	\$11.00	x	500	=	\$5,500.00
2.8	90	100	Reflective coating applied, metal roof Energy Star rated.	SF	\$1.50	x	2,000	=	\$3,000.00
2.8	90	200	Reflective coating applied, singly ply/BUR Energy Star rated.	SF	\$1.50	x	2,000	=	\$3,000.00
<b>2.9 ROOF SERVICES</b>									
2.9	10	100	Asbestos core testing, (2" x 2").	EA	\$1,250.00	x	1	=	\$1,250.00
2.9	10	200	Core analysis (14" x 14").	EA	\$250.00	x	1	=	\$250.00
2.9	20	100	Non-destructive roof scan (0-50,000 sq ft, full service).	EA	\$1,400.00	x	1	=	\$1,400.00
2.9	20	200	Non-destructive roof scan (0-50,000 sq ft, limited service).	EA	\$1,300.00	x	1	=	\$1,300.00
2.9	30	100	On-site construction services, basic service.	SF	\$0.06	x	10,000	=	\$600.00
2.9	30	200	On-site construction services, full service.	SF	\$0.11	x	10,000	=	\$1,100.00
2.9	40	100	Field/shop drawings (0-10,000 sq ft).	SF	\$0.03	x	5,000	=	\$150.00
2.9	40	200	Field/shop drawings (over 10,000 sq ft).	SF	\$0.02	x	10,000	=	\$200.00
2.9	40	300	Structural engineer plans and specifications with professional seal.	SF	\$0.15	x	5,000	=	\$750.00
2.9	40	400	Fire Marshall review.	EA	\$250.00	x	3	=	\$750.00

2.9	40	500	Architectural plans and specifications with professional seal.	SF	\$0.29	x	50,000	=	\$14,500.00
2.9	40	600	Architectural inspection and project oversight, on location service.	SF	\$0.15	x	25,000	=	\$3,750.00
2.9	40	700	Additional cost to work prisons and difficult access jobs.	DAY	\$750.00	x	20	=	\$15,000.00
2.9	40	800	Additional cost for fill dirt on difficult access jobs.	CF	\$9.00	x	20	=	\$180.00
2.9	40	900	Additional cost for sod on difficult access jobs.	SF	\$1.00	x	100	=	\$100.00
2.9	50	500	Contractors per diem costs for work outside major population areas.	DAY	\$58.00	x	100	=	\$5,800.00
2.9	60	100	Contractors per diem costs for asbestos abatement planning.	DAY	\$600.00	x	10	=	\$6,000.00
2.9	70	100	Asbestos abatement activities, removal and disposal waste BUR.	SF	\$1.00	x	5,000	=	\$5,000.00

### 3.0 ROOF MANAGEMENT SERVICES

3.1	10	100	Annual Roof Inspection.	SF	\$0.04	x	50,000	=	\$2,000.00
3.1	20	100	Semi-Annual Roof Inspection.	SF	\$0.04	x	25,000	=	\$1,000.00
3.1	30	100	Computerized Roof Management Program.	SF	\$0.10	x	25,000	=	\$2,500.00
3.1	40	100	Leak investigation, two man crew.	HR	\$125.00	x	8	=	\$1,000.00

### 5.0 ADDITIONAL ITEMS

5.1	10	100	Dump fees.						
5.1	10	101	(0) to (50) miles round trip.	EA	\$485.00	x	40	=	\$19,400.00
5.1	10	102	(51) to (100) miles round trip.	EA	\$485.00	x	40	=	\$19,400.00



5.1	10	103	In excess of (100) miles round trip.	EA	\$485.00	x	40	=	\$19,400.00
5.1	20	100	Furnish crane, hydraulic 100 ft boom.	HR	\$180.00	x	8	=	\$1,440.00
5.1	20	200	Furnish forklift, reach.	HR	\$80.00	x	8	=	\$640.00
5.1	20	300	Furnish man lift, articulated.	HR	\$85.00	x	8	=	\$680.00
5.1	20	400	Furnish smokeless kettle for job.	DAY	\$3.00	x	100	=	\$300.00
5.1	20	500	Furnish external stair tower, set up and tear down.	EA	\$1,100.00	x	5	=	\$5,500.00
5.1	20	600	Furnish stockade fence, set up and tear down.	LF	\$14.00	x	50	=	\$700.00
5.1	20	650	Furnish construction security fence.	LF	\$14.00	x	100	=	\$1,400.00
5.1	20	700	Furnish scaffolding, set up and tear down, per 8 ft stage.	EA	\$260.00	x	5	=	\$1,300.00
5.1	20	800	Furnish safety monitor on roof.	HR	\$40.00	x	40	=	\$1,600.00
5.1	20	850	Furnish safety monitor for traffic.	HR	\$40.00	x	40	=	\$1,600.00
5.1	20	900	Furnish mechanical proposal for miscellaneous rooftop services. <b>Subcontractor proposal plus fifteen percent. (See Specification. Do not enter any pricing.)</b>						
5.1	20	931	Furnish electrical proposal for miscellaneous rooftop services. <b>Subcontractor proposal plus fifteen percent. (See Specification. Do not enter any pricing.)</b>						
5.1	20	961	Furnish Plumbing Proposal for miscellaneous rooftop services. <b>Subcontractor proposal plus fifteen percent. (See Specification. Do not enter any pricing.)</b>						
5.1	30	100	20 year, no dollar limit, State of Oklahoma roof warranty, roofs up to 10,000 sq ft.	SF	\$0.12	x	50,000	=	\$6,000.00

5.1	30	200	20 year, no dollar limit, State of Oklahoma roof warranty, roofs exceeding 10,000 sq ft.	SF	\$0.07	x	150,000	=	\$10,500.00
5.1	40	100	10 year, no dollar limit, State of Oklahoma roof warranty, roofs up to 10,000 sq ft.	SF	\$0.09	x	50,000	=	\$4,500.00
5.1	40	200	10 year, no dollar limit, State of Oklahoma roof warranty, roofs exceeding 10,000 sq ft.	SF	\$0.06	x	150,000	=	\$9,000.00

**TOTAL PRICE:**

**\$2,643,437.16**



**State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties Department**

**Notice To Proceed/Work Order**

Value -Added Programs

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This document has important legal consequences. Consultation with an attorney is encouraged.

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Notice to proceed date: **December 11, 2019.**

**BETWEEN** the Vendor's  
client – identified as the  
Owner:

**State of Oklahoma  
Office of Management and Enterprise Services  
Division of Capital Assets Management  
Construction and Properties Department  
Will Rogers Building  
2401 N. Lincoln, Suite 212  
Oklahoma City, OK 73152-3448**

On behalf of Using Agency: **OMES/CAM Construction & Properties**

And the Vendor: **Universal Roofing and Sheet Metal, Inc.  
PO Box 6650  
Moore, OK 73153**

For the following Project CAP Project Number: **20101** (*reference on all invoices*)  
Project Name: **State Of Oklahoma Roof Asset Management Program Map Area 3**

1. Authorization is given to proceed with the project of: **State Of Oklahoma Roof Asset Management Program.**
2. Work Periods set forth in the agreement or purchase order begin upon receipt of this Notice to Proceed / Work Order.
3. Contract Time: **From the date of this Notice To Proceed thru June 30, 2020 with the Option to renew at the same terms and conditions for four (4) additional one (1) year periods**
4. Substantial Completion Date: **June 30, 2020.**



This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion.

**AGREEMENT** made as of the 1<sup>st</sup> day of December, 2019.

**BETWEEN** the Owner: **State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties  
Will Rogers Building  
2401 N. Lincoln, Suite 212  
Oklahoma City, OK 73152-3448**

On behalf of  
Using Agency: **Office of Management and Enterprise Services  
Division of Capital Assets Management  
Construction and Properties Department**

And the Contractor: **Universal Roofing and Sheet Metal, Inc.  
PO Box 6650  
Moore, OK 73153**

For the Project: CAP Project No: **20101**  
Project Name: **Roof Asset Management Program Area 3**  
Project Location: **Variou**

The Consultant is: **N/A**

The Owner and the Contractor agree as follows:

**ARTICLE 1. THE CONTRACT DOCUMENTS**

1.1 The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications and Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than Modifications, appears in Article 8.

**ARTICLE 2. THE WORK OF THIS CONTRACT**

2.1 The Contractor shall fully execute the Work described in the Contract Documents, except to the extent specifically indicated in the Contract Documents to be the responsibility of others.

**ARTICLE 3. DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION**

3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.

3.2 The Contract Time shall be measured from the date of Work Order.

3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than June 30, 2020, subject to adjustments of this Contract Time as provided in the Contract Documents.

**ARTICLE 4. CONTRACT SUM**

4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be Indefinite Delivery, Indefinite Quantity, on an as needed basis, based upon the Unit Price Schedule, attached, subject to additions and deductions as provided in the Contract Documents.

4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner.

None

**4.3 Options.** The following options shall remain available for 30 days after the contract date. After the expiration date, the cost of the option may be negotiated by the Owner and Contractor.

**None**

**4.4 Unit prices,** if any, are as follows:

**See bid form, attached**

## **ARTICLE 5. PAYMENTS**

### **5.1 PROGRESS PAYMENTS**

**5.1.1** The Contractor shall follow the current Rules and Procedures established by the Construction and Properties of Capital Assets Management, Office of Management and Enterprise Services, State of Oklahoma to ensure compliance with state statutes.

**5.1.2** Based upon Applications for Payment submitted to the Consultant by the Contractor and Certificates for Payment issued by the Consultant, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

**5.1.3** The period covered by each Application for Payment shall be one calendar month ending on the last day of the month or as follows: **N/A**

**5.1.4** Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Consultant may require. This schedule, unless objected to by the Consultant, shall be used as a basis for reviewing the Contractor's Application for Payment.

**5.1.5** Applications for Payment shall indicate the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

**5.1.6** Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

**5.1.6.1** Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedules of values, less retainage of five percent (5%). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Subparagraph 7.3.8 of CAP Document A201-General Conditions;

**5.1.6.2** Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of five percent (5%).

**5.1.6.3** Subtract the aggregate of previous payments made by the Owner; and

**5.1.6.4** Subtract amounts, if any, for which the Consultant has withheld or nullified a Certificate for Payment as provided in Paragraph 9.5 of CAP Document A201-1997.

**5.1.7** The progress payment amount determined in accordance with Subparagraph 5.1.6 shall be further modified under the following circumstances:

**5.1.7.1** Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Consultant and Owner shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and (stat other requirements if any).

**5.1.7.2** Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Subparagraph 9.10.3 of CAP Document A201-General Conditions.

**5.1.8** Reduction or limitation of retainage, if any, shall be as follows: Refer to CAP Form A201 General Conditions Section 9.3.1.1.

### **5.2 FINAL PAYMENT**

**5.2.1** Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when:

**5.2.1.1** the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Subparagraph 12.2.2 of CAP Document A201-General Conditions, and to satisfy other requirements, if any, which extend beyond final payment; and

**5.2.1.2** a final Certificate for Payment has been issued by the Consultant and accepted by the Owner.

5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Consultant's final Certificate for Payment.

**ARTICLE 6. TERMINATION OR SUSPENSION**

6.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of CAP Document A201-General Conditions.

6.2 The Work may be suspended by the Owner as provided in Article 14 of CAP Document A201-General Conditions.

**ARTICLE 7. MISCELLANEOUS PROVISIONS**

7.1 Where reference is made in this Agreement to a provision of CAP Document A201-General Conditions or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Document.

7.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the legal state rate.

7.3 The Owner's representative is: **Mickerl Jones, Director**  
**Construction and Properties** P. O. Box 53448  
**Capital Assets Management** Oklahoma City, OK 73152-3448

7.4 The Contractor's representative is: **Jimmy Guthrie**

7.6 Neither the Owner's nor the Contractor's representative shall be changed without ten days written notice to the other party.

7.7 **AUDITS AND RECORDS CLAUSE:** As used in this clause, "records" includes books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form. In accepting any contract with the State, the Contractor agrees any pertinent State or Federal agency will have the right to examine and audit all records relevant to execution of the resultant contract. The contractor is required to retain all records relative to this contract for the duration of the contract term and for a period of three years following completion and/or termination of the contract. If an audit, litigation, or other action involving such records are started before the end of the three year period, the records are required to be maintained for three years from the date that all issues arising out of the action are resolved or until the end of the three year retention period, whichever is later.

7.8 The Contractor certifies that it and all proposed subcontractors, whether known or unknown at the time this contract is executed or awarded, are in compliance with 25 O.S. §1313 and participate in the Status Verification System. The Status Verification System is defined in 25 O.S. §1312 and includes but is not limited to the free Employee Verification Program (E-Verify) available at [www.dhs.gov/e-verify](http://www.dhs.gov/e-verify).

7.9 Other provisions:

7.9.1 Per the State of Oklahoma Governor's Executive Order 2012-01, filed February 6, 2012 and effective July 1, 2012, the use of any tobacco product shall be prohibited on any and all properties owned, leased or contracted for use by the State of Oklahoma, including by not limited to all buildings, land and vehicles owned, leased or contracted for use by agencies or instrumentalities of the State of Oklahoma.

**ARTICLE 8. ENUMERATION OF CONTRACT DOCUMENTS**

8.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated as follows:

8.1.1 The Agreement is this executed edition of the Standard Form of Agreement Between Owner and Contractor, CAP Document A101.

8.1.2 The General Conditions are the current edition of the General Conditions of the Contract for Construction, CAP Document A201, as incorporated in the Project Manual.

8.1.3 The Supplementary and other Conditions of the Contract are those contained in the Project Manual dated **October 2019** and are as follows:

Document \_\_\_\_\_ Date \_\_\_\_\_

8.1.4 The Specifications are those contained in the Project Manual dated **October 2019** as in Subparagraph 8.1.3, and are as follows:

Number Title Date  
**20101 Project Specifications October 2019**



8.1.5 The Drawings are as follows, and are dated N/A unless a different date is shown below:

Number	Title	Date
--------	-------	------

8.1.6 The Addenda, if any, are as follows:

Number	Date	Pages
<b>Addendum 1</b>	<b>10/24/19</b>	<b>12</b>

8.1.7 Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 8.

8.1.8 Other documents, if any, forming part of the Contract Documents are as follows:

- Purchase Order**
- Notice to Proceed/Work Order**
- Unit price bid form**

This agreement is entered into as of the day and year first written above and is executed in at least three original copies, of which one is to be delivered to the Contractor, one to the Consultant for use in the administration of the Contract, and the remainder to the Owner.

This Agreement entered into as of the day and year written above.

STATE OF OKLAHOMA  
Office of Management and Enterprise Services  
Capital Assets Management

UNIVERSAL ROOFING AND SHEET METAL, INC

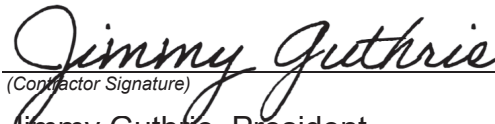
**Mickerl Jones**

Digitally signed by Mickerl Jones  
DN: cn=Mickerl Jones, o=CAP, ou=OMES,  
email=Mike.Jones@omes.ok.gov, c=US  
Date: 2019.12.11 11:30:26 -06'00'

\_\_\_\_\_  
(Owner Signature)

\_\_\_\_\_  
(Date Signed)

Mickerl Jones  
Director  
Construction and Properties



12/3/19  
\_\_\_\_\_  
(Date Signed)

\_\_\_\_\_  
(Contractor Signature)

**Jimmy Guthrie, President**

\_\_\_\_\_  
(Printed Name and Title)

**27-0030166**

\_\_\_\_\_  
(EIN/TIN Number)

The Using Agency certifies that funds are available and dedicated to complete the contract sums stated in this Contract. The Using Agency agrees to pay all project related costs including but not limited to work related to unknown site conditions, remediation of discovered environmental conditions, legal expenses, judgments and any reasonable project related expense.

**ATTACHMENTS:**

1. Non-Collusion Affidavit



**State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties**

**Non-Collusion Affidavit**

The statement below must be signed and notarized before this contract will become effective

STATE OF Oklahoma )  
 ) ss  
COUNTY OF Cleveland )

Project Name: State of Oklahoma Roof Asset Management Program Area 1  
CAP Project #: 20100

Jimmy Guthrie, of lawful age, being first duly sworn, on oath states

(s)he is the duly authorized agent of Univeral Roofing & Sheet Metal Inc. the Company under the contract which is attached to this statement, for the purpose of certifying the facts pertaining to the giving of things of value to government personnel in order to procure said Contract.

(S)He is fully aware of the facts and circumstances surrounding the making of the Contract to which this statement is attached and has been personally and directly involved in the proceedings leading to the procurement of said Contract: and

Neither the Company nor anyone subject to the Company's direction or control has paid, given or donated or agreed to pay, give or donate to any office or employee of the State of Oklahoma any money or other thing of value, either directly or indirectly, in procuring the Contract to which this statement is attached.

**Univeral Roofing & Sheet Metal Inc.**

(Company Printed Name)

Jimmy Guthrie  
(Authorized Representative Signature)

Subscribed and sworn to before me this 31st day of October, 2019

Jimmy Guthrie  
(Authorized Representative Printed Name)

President  
(Authorized Representative Printed Title)

[Signature]  
(Signature of notarial officer)



My Commission Expires: August 27, 2023

My Commission #: 15007940



UNIVRO001C

CLEWIS

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/29/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> INSURICA - Oklahoma City 5100 N. Classen Blvd, #300 Oklahoma City, OK 73118  <i>6.7.1</i>	<b>CONTACT NAME:</b> Christi M Lewis, CIC, CISR	
	<b>PHONE (A/C, No, Ext):</b> (405) 556-2329	<b>FAX (A/C, No):</b> (405) 556-2332
<b>E-MAIL ADDRESS:</b> Christi.Lewis@INSURICA.com		
<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURER A:</b> Acadia Insurance Company		<b>31325</b>
<b>INSURER B:</b> Continental Western Insurance Co.		<b>10804</b>
<b>INSURER C:</b> CompSource Mutual Insurance Co.		<b>36188</b>
<b>INSURER D:</b>		
<b>INSURER E:</b>		
<b>INSURER F:</b>		


**INSURED**  
Universal Roofing & Sheet Metal, Inc.  
P.O. Box 6650  
Moore, OK 73153

**COVERAGES**                      **CERTIFICATE NUMBER:**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X		CPA4167778-25	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	X		CPA4167778-25	10/1/2019	10/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0	X		CUA4675393-25	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N	03264555	10/1/2019	10/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
FOR BID PURPOSES AREA 1 AND AREA 3. Certificate holder is afforded additional insured status with respects to auto, general liability and umbrella liability to all parties if required by written contract subject to policy terms and provisions. Coverages afforded under these policies will not be cancelled or allowed to expire until at least 30 days prior written notice has been given to owner.

<b>CERTIFICATE HOLDER</b>  State of Oklahoma, Office of Management and Enterprise Services, Div. of Capital Assets Mgt. Construction and Properties Dept. Will Rogers Building 2401 Lincoln Blvd, Suite 106 Oklahoma City, OK 73152-3448	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	<b>AUTHORIZED REPRESENTATIVE</b>  



**State of Oklahoma  
Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties**

**Bid Form**

To: Office of Management and Enterprise Services  
Capital Assets Management  
Construction and Properties  
P. O. Box 53448  
Oklahoma City, Oklahoma 73152-3448

From: Univeral Roofing & Sheet Metal Inc.  
*(Firm Name)*

Po Box 6605  
*(Address)*

Moore, Oklahoma 73153  
*(City/State/Zip)*

405-799-6400  
*(Telephone No.)*

27-0030166  
*(EIN/TIN No.)*

jguthrie@ursm.net  
*(Email Address)*

Add #1 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
*(List Addendum Number(s) received above)*

1. The undersigned, being familiar with the local conditions affecting the cost and performance of the work, and with the Contract Documents, including the Solicitation for Bids Notice, General Conditions, Special Conditions for Construction Contracts, Specifications, Plans and Addendum Number(s) (listed above) on file in the Office of Management and Enterprise Services, Capital Assets Management, Construction and Properties, Will Rogers Building, 2401 N. Lincoln Blvd. Suite 212, Oklahoma City, Oklahoma 73105-4402, and in accordance with the provisions thereof, hereby proposes to furnish all labor, materials and equipment necessary for the following, in accordance with the plans and specifications for CAP Project Number 20101, for the sums listed.
2. In submitting the bid, it is understood that the right is reserved by the State of Oklahoma to reject any and all bids, and it is agreed that this bid may not be withdrawn for a period of thirty (30) days after the date of closing of same. Work is to start within ten (10) days after receipt of NOTICE TO PROCEED/WORK ORDER.
3. If the bid exceeds \$50,000, it shall be accompanied by a certified check or a cashier's check made payable to the State of Oklahoma, or a Corporate Surety Bond of a surety company duly authorized to do business in the State of Oklahoma, in the sum of five percent (5%) of the total amount of the bid (unless otherwise specified in the bid documents) which is submitted as bid security, conditioned upon the Bidder's entering into a contract with the State of Oklahoma in accordance with the terms of the bid. It is agreed that said bid security of the successful bidder will constitute liquidated damages, and not a penalty for the failure of the bidder to enter into a contract in accordance with this bid.
4. We propose to complete this work from the date of receipt of the NOTICE TO PROCEED/WORK ORDER to JUNE 30, 2020 WITH THE OPTION TO RENEW FOR FOUR (4) ADDITIONAL ONE (1) YEAR PERIODS.
5. The Bidder certifies that:
  - A. They are an Equal Employment Opportunity Employer and that they do not discriminate in any of their business or employment practices.
  - B. They, and all subcontractors and suppliers performing works on the Project, will comply with the provisions of the Oklahoma Taxpayer and Citizen Protection Act of 2007 and participate in the Status Verification System. The Status Verification System is defined in Oklahoma Statutes, Title 25, §1312 and includes but is not limited to the free Employment Verification Program (E-Verify).
  - C. They will comply with the laws relating to public construction in the Oklahoma Statutes (Title 61) and the Oklahoma Administrative Code (Section 580, Chapter 20).
  - D. They will comply with all State of Oklahoma Governor's Executive Orders, including those relating to the prohibited use of any and all tobacco product on any and all properties owned, leased or contracted for use by the State of Oklahoma, including but not limited to all buildings, land and vehicles owned, leased or contracted for use by agencies or instrumentalities of the State of Oklahoma.

**State Roof Asset Management Program Bid / CAP Project No. 20101**

**Form Roofing Contract AREA 3 Universal Roofing**

2.1	WATERPROOFING & DAMPPROOFING		Unit	Unit Price	x	Estimated Quantity =	Extended Price per Year
2.1	10	100	Pressure cleaning.	SF	\$0.28	x 10,000 =	\$2,800.00
2.1	10	150	Bio-Algaecide, one application.	SF	\$0.49	x 10,000 =	\$4,900.00
2.1	10	200	Waterproofing, asphalt emulsion coating, brush applied, per coat.	SF	\$0.60	x 1,000 =	\$600.00
2.1	10	250	Penetrating sealer siloxane water repellent.	SF	\$0.85	x 750 =	\$637.50
2.1	10	300	Waterproofing, rubberized coating, brush applied, per coat.	SF	\$0.27	x 1,000 =	\$270.00
2.1	10	400	Waterproofing, vinyl/acrylic, brush applied (smooth), per coat.	SF	\$2.60	x 1,000 =	\$2,600.00
2.1	10	500	Waterproofing, non-pigmented synthetic resin, sprayed on, 1 coat.	SF	\$2.35	x 1,000 =	\$2,350.00
2.1	10	600	Waterproofing, premium clear cladding 1 coat flooded.	SF	\$2.45	x 1,000 =	\$2,450.00
2.1	10	700	Waterproofing, above & below grade per coat.	SF	\$4.45	x 1,000 =	\$4,450.00
2.1	10	750	Waterproofing cold fluid applied brush, roll or spray.	SF	\$4.45	x 100 =	\$445.00
2.1	10	800	Waterproofing, Elastomeric Joint Sealant 1/4" x 1/4".	LF	\$3.10	x 500 =	\$1,550.00
2.1	10	801	Urethane Injection at 1" expansion joint in wall.	LF	\$4.45	x 1,000 =	\$4,450.00
2.1	10	850	Vehicular urethane aliphatic traffic coating.	SF	\$6.85	x 500 =	\$3,425.00
2.1	10	900	Masonry cleaning, walls.	SF	\$1.20	x 5,000 =	\$6,000.00
2.1	15	450	Bentonite Geotextile waterproofing.	SF	\$7.75	x 100 =	\$775.00
2.1	20	100	Caulking, remove existing, clean & prime joint.	LF	\$1.85	x 5,000 =	\$9,250.00

2.1	20	200	Caulking, epoxy urethane 1/4" x 1/4" compound, 2 component, in place.	LF	\$1.20	x	1,000	=	\$1,200.00
2.1	20	300	Caulking, polyurethane, 1/4" x 1/4", 1 component, in place.	LF	\$0.58	x	1,000	=	\$580.00
2.1	20	400	Caulking, polyurethane, 1/2" x 1/2", 1 component, in place.	LF	\$0.58	x	1,000	=	\$580.00
2.1	20	500	Caulking, silicone rubber, 1/4" x 1/4", in place.	LF	\$1.15	x	1,000	=	\$1,150.00
2.1	20	600	Caulking, silicone rubber, 3/4" x 3/8" in place.	LF	\$1.25	x	1,000	=	\$1,250.00
2.1	20	650	Preformed silicone faced 1" expansion joint.	LF	\$55.00	x	10	=	\$550.00
2.1	20	700	Preformed silicone faced 2" expansion joint.	LF	\$75.00	x	10	=	\$750.00
2.1	30	100	Backer rod, polyethylene, 3/8" diameter installed in pre-prepared opening.	LF	\$0.10	x	2,000	=	\$200.00
2.1	30	200	Backer rod, polyethylene, 1/2" diameter installed in pre-prepared opening.	LF	\$0.15	x	2,000	=	\$300.00
2.1	30	300	Backer rod, polyethylene, 3/4" diameter installed in pre-prepared opening.	LF	\$0.20	x	2,000	=	\$400.00
2.1	30	400	Backer rod, polyethylene, 1" diameter installed in pre-prepared opening.	LF	\$0.03	x	2,000	=	\$50.00
2.1	40	100	Building paper, asphalt felt sheathing paper, 30 # in place.	SF	\$0.30	x	15,000	=	\$4,500.00
2.1	40	200	Building paper, red rosin paper, 5 sq. rolls, 4 lbs. per sq., in place.	SF	\$0.15	x	15,000	=	\$2,250.00
2.1	50	100	Vapor retarder, 2 ply inorganic, applied in Type III asphalt, in place.	SF	\$1.45	x	1,000	=	\$1,450.00
2.1	60	100	Prime deck using asphalt primer.	SF	\$0.30	x	5,000	=	\$1,500.00

## 2.2 INSULATION

2.2	10	100	Demolition of roof insulation, per in. of depth.	SF	\$0.23	x	100,000	=	\$23,000.00
2.2	10	200	Demolition of lightweight cementitious fill, per inch of depth.	SF	\$0.20	x	10,000	=	\$2,000.00
2.2	20	100	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1-1/2" thick, R-10.0, applied in Type IV asphalt.	SF	\$1.40	x	10,000	=	\$14,000.00
2.2	20	200	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 2-1/2" thick, R-15.30, applied in Type IV asphalt.	SF	\$1.75	x	50,000	=	\$87,500.00
2.2	20	300	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, in 1-1/2" thick, R-10.0, mechanically fastened.	SF	\$1.30	x	10,000	=	\$13,000.00
2.2	20	400	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 2-1/2" thick, R-15.3, mechanically fastened.	SF	\$1.65	x	50,000	=	\$82,500.00
2.2	30	100	Roof deck insulation, fiberboard in 4' x 4' or 4' x 8' sheets, 1/2" thick, R-1.39, applied in Type IV asphalt.	SF	\$1.38	x	10,000	=	\$13,800.00
2.2	30	200	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, applied in Type IV asphalt.	SF	\$1.40	x	10,000	=	\$14,000.00
2.2	30	300	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39 mechanically fastened.	SF	\$0.35	x	10,000	=	\$3,500.00
2.2	30	400	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, mechanically fastened.	SF	\$0.52	x	10,000	=	\$5,200.00
2.2	30	500	Roof deck insulation, 4' x 8' x 1/4" adhered or fastened, equiv to Dens Deck.	SF	\$0.75	x	10,000	=	\$7,500.00



2.2	30	600	Roof deck insulation, 4' x 8' x 1/2" adhered or fastened, equiv to Dens Deck.	SF	\$1.05	x	10,000	=	\$10,500.00
2.2	40	100	Roof deck insulating concrete, lightweight air entrained pre-generated cellular concrete mixed with Portland, R-value depending on thickness, per inch of depth per square foot.	SF	\$1.25	x	10,000	=	\$12,500.00
2.2	50	100	Roof deck insulaton, Isocyanurate (black facer only), tapered, 1/4" per foot slope, applied in Type IV asphalt, per inch of depth.	SF	\$1.20	x	10,000	=	\$12,000.00
2.2	50	200	Roof deck insulaton, perlite, tapered 1/8", applied in asphalt, per SF, per inch of thickness.	SF	\$1.00	x	10,000	=	\$10,000.00
2.2	60	100	Roof deck insulation, cold insulation adhesive, per layer per square foot.	SF	\$0.15	x	10,000	=	\$1,500.00
2.2	60	200	Roof deck insulation, Foam Adhesive per layer square foot.	SF	\$0.60	x	10,000	=	\$6,000.00

## SHINGLES, SHAKES & ROOFING

### 2.3 TILES

2.3	10	100	Remove composition shingles and felts, to decking (for 1 layer of shingles and felt).	SF	\$0.38	x	50,000	=	\$19,000.00
2.3	10	200	Remove roof tiles of clay, concrete, or slate for 1 layer of tiles and felt.	SF	\$0.95	x	5,000	=	\$4,750.00
2.3	10	300	Remove wood shingles or shakes, for 1 layer of wood shingles/shakes and felt.	SF	\$0.40	x	5,000	=	\$2,000.00
2.3	10	320	Asfalt Starter, Universal Starter Course	LF	\$1.75	x	100	=	\$175.00
2.3	10	330	Ridge Cap, Composition Shingles	LF	\$3.15	x	100	=	\$315.00
2.3	10	340	Ridge Cap, High Profile	LF	\$5.65	x	100	=	\$565.00
2.3	10	350	Continuous Ridge Vent, Shingle-over style	LF	\$7.30	x	100	=	\$730.00

2.3	10	360	Step Flashing	LF	\$8.25	x	100	=	\$825.00
2.3	20	100	Shingles, fiberglass, Class A, 25-year standard strip shingles.	SF	\$1.75	x	5,000	=	\$8,750.00
2.3	20	200	Shingles, fiberglass, Class A, 30-year laminated multi-layered shingles.	SF	\$1.85	x	25,000	=	\$46,250.00
2.3	20	300	Shingles, fiberglass, Class A, 40-year premium laminated multi-layered shingles.	SF	\$2.30	x	2,000	=	\$4,600.00
2.3	30	100	Replace roof tiles (clay, slate).	EA	\$50.00	x	50	=	\$2,500.00
2.3	30	200	Multi-Width Slate Polymer Tile.	SF	\$15.00	x	50	=	\$750.00
2.3	40	100	No. 1 Blue label sawn and kiln-dried Western red cedar shingles, 16" length. Fire-retardant pressure treated units.	SF	\$3.10	x	2,000	=	\$6,200.00
2.3	40	200	No. 1 Blue label taper sawn and kiln-dried Western red cedar shakes, 24" length with 5/8" butt. Fire-retardant pressure treated units.	SF	\$3.45	x	2,000	=	\$6,900.00
2.3	40	300	Ice and water shield underlayment.	SF	\$0.75	x	2,000	=	\$1,500.00
2.3	50	100	Additional cost for over 9/12 pitch.	SF	\$0.10	x	5,000	=	\$500.00
<b>2.4 ROOFING &amp; ROOF RESTORATION</b>									
2.4	10	100	Remove built-up roofing, multi-ply with aggregate, (1 layer 4-ply built-up roofing).	SF	\$0.35	x	100,000	=	\$35,000.00
2.4	10	110	Spud embedded aggregate.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	10	120	Sweep loose aggregate from membrane.	SF	\$0.25	x	25,000	=	\$6,250.00
2.4	10	130	Wet vacuum loose aggregate from membrane.	SF	\$0.10	x	25,000	=	\$2,500.00
2.4	10	200	Remove single ply roof, ballast and membrane only.	SF	\$0.05	x	25,000	=	\$1,250.00

2.4	10	210	Remove single ply roof, membrane (partial or fully adhered) only.	SF	\$0.05	x	25,000	=	\$1,250.00
2.4	10	220	Remove single ply roof, membrane (mechanically attached) only.	SF	\$0.05	x	25,000	=	\$1,250.00
2.4	10	300	Remove copper sheet roofing.	SF	\$0.12	x	10,000	=	\$1,200.00
2.4	10	400	Flood coat and gravel surface, asphalt.	SF	\$0.98	x	50,000	=	\$49,000.00
2.4	10	500	Flood coat and gravel surface, coal tar pitch.	SF	\$0.45	x	10,000	=	\$4,500.00
2.4	10	600	Flood coat and gravel surface, Modified Cold process coal tar adhesive equal to Garland Black Knight Cold.	SF	\$2.00	x	5,000	=	\$10,000.00
2.4	10	700	Flood coat with white marble and white low-VOC adhesive, Energy Star.	SF	\$1.05	x	5,000	=	\$5,250.00
2.4	20	100	3 ply fiberglass, Type IV asphalt.	SF	\$1.15	x	25,000	=	\$28,750.00
2.4	20	150	3 ply type IV TC fiberglass felt, coal tar pitch, 10 year warranty.	SF	\$1.15	x	25,000	=	\$28,750.00
2.4	30	100	4 ply Type IV fiberglass felt, Type IV asphalt, 20 year warranty.	SF	\$2.65	x	25,000	=	\$66,250.00
2.4	30	200	4 ply, type IV TC fiberglass felt, coal tar pitch, 20 year warranty.	SF	\$1.35	x	25,000	=	\$33,750.00
2.4	30	300	3 ply type VI fiberglass felts, 1 ply polyester in asphalt, equiv to Hickman 101.	SF	\$1.75	x	25,000	=	\$43,750.00
2.4	30	400	2 ply modified system with Energy Star cap ply per square foot.	SF	\$2.87	x	25,000	=	\$71,750.00
2.4	30	500	2 ply modified bitumen roof system with Bottom ply in asphalt cap ply in cold process adhesive. Equal to Siplast 20/30 FR.	SF	\$4.05	x	25,000	=	\$101,250.00

2.4	30	600	2 ply high performance modified bitumen roof system with asphalt flood coat & gravel surfacing 30 year warranty.	SF	\$5.85	x	5,000	=	\$29,250.00
2.4	30	700	2 ply high performance modified bitumen roof equal to Garland Stress Ply Plus.	SF	\$5.35	x	5,000	=	\$26,750.00
2.4	40	100	Siplast 20/30FR with Eco Active Noxite Granules. Pollutant absorbing, 20 year system or equal.	SF	\$5.15	x	2,000	=	\$10,300.00
2.4	40	200	3 plies Type 6 in Type 3 asphalt w/white Mod Bit w/white adhesive Energy Star, Fire Rated.	SF	\$2.25	x	10,000	=	\$22,500.00
2.4	40	300	3 ply trilaminate BUR in low-solvent/low-odor adhesive with gravel.	SF	\$1.95	x	10,000	=	\$19,500.00
2.4	50	100	Built-up roof, 2 ply Type IV fiberglass, 1 ply modified bitumen sheet, Type IV asphalt, 10 year warranty.	SF	\$2.15	x	25,000	=	\$53,750.00
2.4	50	200	Built-up roof, 1 ply modified bitumen base sheet, 1 ply modified bitumen cap sheet, Type IV asphalt, 10 year warranty.	SF	\$2.75	x	25,000	=	\$68,750.00
2.4	50	225	Built-up roof, added cost mechanically attached G2 fiberglass base sheet.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	50	250	Built-up roof, added cost Type IV asphalt attached G2 fiberglass base sheet.	SF	\$0.35	x	25,000	=	\$8,750.00
2.4	50	280	Venting base sheet, installed in asphalt per square foot.	SF	\$0.35	x	25,000	=	\$8,750.00
2.4	50	285	Venting base sheet, mechanically attached per square foot.	SF	\$1.10	x	25,000	=	\$27,500.00
2.4	50	300	Built-up roof, premium asphalt equiv. to Garland modified coal tar pitch Millennium, added cost per ply per square foot.	SF	\$8.15	x	5,000	=	\$40,750.00

2.4	50	310	Built-up roof system, 4" hail total system 20. Two plies mod bit with flood and gravel. Year total system warranty. Labor and material. Equal to Siplast 4" hail NDL.	SF	\$4.65	x	5,000	=	\$23,250.00
2.4	50	320	Fluid Applied Reinforced Roof System, two base coats with reinforcing, three finish coats, 20 year warranty. Equal to Hydro Stop system.	SF	\$2.65	x	15,000	=	\$39,750.00
2.4	50	400	Built-up roof, Perma Mop asphalt, added cost per ply per square foot.	SF	\$0.45	x	25,000	=	\$11,250.00
2.4	50	450	Built-up roof, Demi Mop asphalt, added cost per ply per square foot.	SF	\$0.30	x	25,000	=	\$7,500.00
2.4	50	500	Built-up roof, elastomeric modified asphalt, elongation 128-150 percent, added cost per ply per sq ft.	SF	\$0.15	x	25,000	=	\$3,750.00
2.4	50	501	SBS Modified Bitumen Cap Sheet Overlay, Cold Applied, Hot Air Welded Laps.	SF	\$2.85	x	25,000	=	\$71,250.00
2.4	50	550	Cold process adhesive, added cost per ply, per square foot.	SF	\$0.35	x	15,000	=	\$5,250.00
2.4	50	600	Cold process adhesive, added cost per ply, per sq ft, low fume/solvent equiv. to Siplast SFT.	SF	\$0.40	x	15,000	=	\$6,000.00
2.4	50	650	Built-up roof, surface with cold asphaltic adhesive and gravel.	SF	\$0.20	x	15,000	=	\$3,000.00
2.4	50	700	Built-up roofing, surface with emulsion and granules.	SF	\$0.20	x	10,000	=	\$2,000.00
2.4	50	750	Built-up roof, surface with emulsion and aluminum coating.	SF	\$0.22	x	5,000	=	\$1,100.00
2.4	50	800	Energy Star coating over smooth surface roofing.	SF	\$1.35	x	5,000	=	\$6,750.00

2.4	50	850	Built-up roof, surface with aluminum coating or paint.	SF	\$0.20	x	10,000	=	\$2,000.00
2.4	60	100	Built-up roofing repairs; fibered asphalt mastic (trowel grade) with fiberglass mesh.	SF	\$1.50	x	5,000	=	\$7,500.00
2.4	60	200	Built-up roofing repairs; fibered asphalt mastic (brush grade) with fiberglass mesh.	SF	\$0.15	x	5,000	=	\$750.00
2.4	60	300	Built-up roofing repairs; pitch based mastic with fiberglass mesh.	SF	\$0.25	x	5,000	=	\$1,250.00
2.4	60	400	Built-up roofing repairs, elastomeric mastic with fiberglass mesh.	SF	\$0.35	x	5,000	=	\$1,750.00
2.4	70	100	Single-ply roof, EPDM, 60 mils, mechanically fastened.	SF	\$1.55	x	10,000	=	\$15,500.00
2.4	70	200	Single-ply roof, EPDM, 60 mils, fully adhered.	SF	\$1.75	x	10,000	=	\$17,500.00
2.4	70	300	Single-ply roof, EPDM, 120 mils, fully adhered, fleece back.	SF	\$2.00	x	10,000	=	\$20,000.00
2.4	70	350	Single-ply roof, TPO, 60 mils reinforced, fully adhered.	SF	\$3.20	x	10,000	=	\$32,000.00
2.4	70	400	Single-ply roof, TPO, 80 mils reinforced, fully adhered.	SF	\$3.60	x	10,000	=	\$36,000.00
2.4	70	420	Single Ply Roof, TPO, prefabricated pipe boot flashing.	EA	\$45.00	x	50	=	\$2,250.00
2.4	70	500	Single-ply roof, PVC 60 mils, fully adhered.	SF	\$3.20	x	5,000	=	\$16,000.00
2.4	80	100	Flashing membrane, aluminum, foil clad, modified bitumen membrane.	SF	\$4.85	x	5,000	=	\$24,250.00
2.4	80	200	Flashing membrane, 1-ply polyester and 1 ply modified bitumen.	SF	\$3.70	x	5,000	=	\$18,500.00
2.4	80	300	Flashing membrane, base ply and granular surface modified cap.	SF	\$5.25	x	5,000	=	\$26,250.00

2.4	80	350	PMMA flashing membrane, resin based liquid flashing	SF	\$26.00	x	100	=	\$2,600.00	
2.4	80	400	Flashing membrane, PVC.	SF	\$4.85	x	2,000	=	\$9,700.00	
2.4	80	500	Premium Flashing membrane, equiv. to Hickman Pikaply MS-4.	SF	\$2.50	x	2,000	=	\$5,000.00	
2.4	80	600	Flashing membrane, EPDM.	SF	\$5.25	x	2,000	=	\$10,500.00	
2.4	80	700	Flashing membrane, TPO fleece back.	SF	\$0.75	x	2,000	=	\$1,500.00	
2.4	80	800	Flashing membrane, high performance 2 ply modified bitumen in cold modified asphalt flashing adhesive.	SF	\$8.55	x	2,000	=	\$17,100.00	
2.4	90	100	Polyurethane foam roofing 1" thick.	SF	\$0.95	x	15,000	=	\$14,250.00	
2.4	90	200	Polyurethane foam, low rise adhesive, equiv. to Carlisle Fast 100.	SF	\$0.45	x	5,000	=	\$2,250.00	
2.4	90	300	Polyurethane foam roofing, DFT: minimum 30 mils, Acrylic.	SF	\$0.30	x	25,000	=	\$7,500.00	
2.4	90	400	Polyurethane foam roofing, DFT: minimum 22 mils, Silicone.	SF	\$0.40	x	25,000	=	\$10,000.00	
<b>2.5 MASONRY</b>										
2.5	10	100	Brick, remove and reset (Quantity 1-50 sf).	SF	\$11.00	x	50	=	\$550.00	
2.5	10	200	Brick, remove and reset (Quantity over 50 sf).	SF	\$12.55	x	100	=	\$1,255.00	
2.5	10	250	Patch limestone spall to match existing.	SF	\$235.00	x	10	=	\$2,350.00	
2.5	10	275	Repair limestone cracks.	LF	\$38.00	x	50	=	\$1,900.00	
2.5	10	280	Reset/Secure limestone panel.	EA	\$2,800.00	x	1	=	\$2,800.00	
2.5	10	285	Replace limestone panel, per 1" thickness.	SF	\$450.00	x	5	=	\$2,250.00	

2.5	10	290	Anchor stones with Helifix anchors.	EA	\$70.00	x	10	=	\$700.00
2.5	10	295	Swing stage, per 10' section per month.	EA	\$515.00	x	5	=	\$2,575.00
2.5	10	300	Block, remove and reset.	EA	\$150.00	x	5	=	\$750.00
2.5	10	400	Coping stones, remove and reset.	EA	\$200.00	x	5	=	\$1,000.00
2.5	20	100	Tuck pointing brick, 8ft high wall.	LF	\$5.00	x	250	=	\$1,250.00
2.5	20	150	Tuck point stone, 8ft high wall.	LF	\$5.00	x	250	=	\$1,250.00
2.5	20	170	Repair of 1" expansion joint by urethane injection.	LF	\$36.00	x	250	=	\$9,000.00
2.5	20	200	Excavation of dirt to allow below grade grade. Price id per L' by 8" deep and sloped or shored to meet OSHA trench requirements.	LF	\$225.00	x	250	=	\$56,250.00
<b>2.6 METAL WORK</b>									
2.6	10	100	Remove standard metal decking.	SF	\$0.95	x	5,000	=	\$4,750.00
2.6	10	200	Install metal deck.	SF	\$3.78	x	5,000	=	\$18,900.00
2.6	20	100	Remove metal counter flashing.	LF	\$0.40	x	2,000	=	\$800.00
2.6	20	200	Counter flashing, galvanized, 24 gauge, 6" wide.	LF	\$2.75	x	2,000	=	\$5,500.00
2.6	20	300	Counter flashing, copper, 16 oz, 6" wide, 24 gauge galvanized.	LF	\$3.85	x	1,000	=	\$3,850.00
2.6	20	400	Receiver flashing, 24 gauge, galvanized.	LF	\$2.50	x	1,000	=	\$2,500.00
2.6	30	100	Remove metal edge, gravel stop, eave strip or coping.	LF	\$0.35	x	2,000	=	\$700.00
2.6	30	200	Metal edge, galvanized, 6" face, hemmed.	LF	\$4.40	x	2,000	=	\$8,800.00



2.6	30	300	Gravel stop, galvanized steel, 24 gauge, 6" face.	LF	\$5.85	x	2,000	=	\$11,700.00
2.6	30	400	Gravel stop, galvanized steel, ANSI SPRI ES-1.	LF	\$7.15	x	2,000	=	\$14,300.00
2.6	40	100	Remove metal gutter.	LF	\$0.45	x	1,500	=	\$675.00
2.6	40	200	Gutter, galvanized steel, 24 gauge, 5" box or ogee, mill finish.	LF	\$10.10	x	2,500	=	\$25,250.00
2.6	40	300	Gutter, galvanized steel, 24 gauge, 5" box or ogee, Kynar finish.	LF	\$13.00	x	2,000	=	\$26,000.00
2.6	40	400	Gutter, copper, 16 oz, half round, 5" wide.	LF	\$13.65	x	1,000	=	\$13,650.00
2.6	40	500	Gutter, copper, 16 oz, half round, 6" wide.	LF	\$14.00	x	1,000	=	\$14,000.00
2.6	40	120	Drip Edge, Residential style	LF	\$2.14	x	100	=	\$214.00
2.6	40	150	Valley Metal, W profile, painted	LF	\$8.21	x	100	=	\$821.00
2.6	40	220	Guttering/Downspout - Aluminum - up tp 5" Residential Type - R&R	LF	\$5.71	x	100	=	\$571.00
2.6	40	420	Flashing, Pipe Jack , up to 4"	EA	\$39.95	x	1	=	\$39.95
2.6	40	430	Flashing, Pipe Jack, 4" to 6"	EA	\$54.57	x	1	=	\$54.57
2.6	40	520	Roof Vent, Turtle type	EA	\$55.29	x	1	=	\$55.29
2.6	40	530	Exhaust Cap, through roof, 6" to 8"	EA	\$78.85	x	1	=	\$78.85
2.6	50	100	Remove metal downspout.	LF	\$0.40	x	500	=	\$200.00
2.6	50	200	Downspout, galvanized, 24 gauge, 3" x 4", Kynar finish.	LF	\$12.85	x	500	=	\$6,425.00
2.6	50	300	Downspout, galvanized, 24 gauge, 3" x 4".	LF	\$7.00	x	500	=	\$3,500.00
2.6	50	400	Downspout, GI, 24 gauge, 4" round, Kynar finished.	LF	\$5.50	x	500	=	\$2,750.00

2.6	50	500	Downspout, copper, 16 oz, 6" round.	LF	\$14.00	x	500	=	\$7,000.00
2.6	50	600	Downspout, strainer.	EA	\$2.00	x	50	=	\$100.00
2.6	60	100	Metal flashing, copper, 16 oz, apron flashing, 9" wide.	LF	\$4.50	x	250	=	\$1,125.00
2.6	60	200	Metal flashing, copper, 16 oz, step flashing.	EA	\$19.00	x	10	=	\$190.00
2.6	60	225	Flashing, pipe penetration, single ply PVC.	EA	\$50.00	x	5	=	\$250.00
2.6	60	300	Metal splash pan, copper, 16 oz.	EA	\$26.00	x	10	=	\$260.00
2.6	60	350	Metal splash pan, 24 gauge, galvanized.	EA	\$22.00	x	10	=	\$220.00
2.6	60	400	Metal trim, aluminum, painted.	SF	\$8.25	x	500	=	\$4,125.00
2.6	60	500	Metal storm collar.	EA	\$35.00	x	10	=	\$350.00
2.6	60	600	Metal coping, galvanized steel, 24 gauge.	SF	\$8.00	x	1,000	=	\$8,000.00
2.6	60	650	Metal coping, galvanized steel, 24 gauge, ANSI SPRI ES - 1.	SF	\$9.25	x	1,000	=	\$9,250.00
2.6	60	700	Standing seam panels, 24 gauge, prefinished.	SF	\$4.50	x	5,000	=	\$22,500.00
2.6	60	750	R Panels, 26 galvanized, pre-finished.	LF	\$3.60	x	5,000	=	\$18,000.00
2.6	60	800	Panel batten covers, standing seam.	LF	\$0.75	x	7,500	=	\$5,625.00
2.6	60	900	Hat channels, galvanized.	LF	\$1.00	x	7,500	=	\$7,500.00
2.6	60	950	Standing seam, continuous clip.	LF	\$0.90	x	7,500	=	\$6,750.00
2.6	60	975	Standing seam, 4" clips.	EA	\$6.00	x	10	=	\$60.00
2.6	60	980	Standing seam panels, 18" wide.	SF	\$7.40	x	5,000	=	\$37,000.00
2.6	60	990	Head wall flashing.	SF	\$6.75	x	200	=	\$1,350.00
2.6	70	100	Ridge Cap Flashing.	SF	\$7.00	x	200	=	\$1,400.00

2.6	70	200	4" metal stud, 15 gauge, galvanized	LF	\$1.10	x	10,000	=	\$11,000.00
2.6	70	300	6" metal stud, 16 gauge galvanized.	LF	\$1.30	x	10,000	=	\$13,000.00
2.6	70	400	Roof jack, galvanized, 24 gauge.	EA	\$135.00	x	10	=	\$1,350.00
2.6	70	500	Ice Dams, standing seam roofs.	EA	\$35.00	x	10	=	\$350.00
2.6	70	600	Snow Retention Systems, standing seam roofs.	EA	\$45.00	x	10	=	\$450.00
2.6	70	700	Zees, 14 gauge.	EA	\$135.00	x	10	=	\$1,350.00
<b>2.7 WOODWORK</b>									
2.7	10	100	Demolition of plywood or standard 1" x 6" decking.	SF	\$0.45	x	10,000	=	\$4,500.00
2.7	10	200	Demolition of standard 2" x 6" tongue and groove decking.	SF	\$0.78	x	10,000	=	\$7,800.00
2.7	20	100	Plywood decking, CDX, 1/2" thick.	SF	\$1.35	x	5,000	=	\$6,750.00
2.7	20	200	Plywood decking, CDX, 5/8" thick.	SF	\$1.37	x	20,000	=	\$27,400.00
2.7	20	300	Plywood decking, CDX, 3/4" thick.	SF	\$1.69	x	10,000	=	\$16,900.00
2.7	20	400	Standard 1" x 6" decking.	SF	\$0.43	x	10,000	=	\$4,300.00
2.7	20	500	Standard 2" x 6" tongue and groove decking.	SF	\$2.08	x	5,000	=	\$10,400.00
2.7	30	100	Cants, wood fiber, trapezoidal, 1-1/2" x 5-5/8".	LF	\$1.15	x	1,000	=	\$1,150.00
2.7	30	200	Cants, treated wood, 4" x 4" diagonal.	LF	\$0.65	x	2,000	=	\$1,300.00
2.7	40	100	Nailer, treated wood, 1" x 4".	LF	\$1.85	x	1,000	=	\$1,850.00
2.7	40	200	Nailer, treated wood, 2" x 4".	LF	\$3.80	x	1,000	=	\$3,800.00
2.7	40	300	Nailer, treated wood, 2" x 6".	LF	\$3.90	x	1,000	=	\$3,900.00
2.7	50	100	Curbing, treated wood, 2" x 12".	LF	\$4.00	x	1,000	=	\$4,000.00

2.7	60	100	Joist, fir, 2" x 6".	LF	\$2.45	x	1,000	=	\$2,450.00
2.7	60	200	Joist, fir, 2" x 10".	LF	\$2.25	x	1,000	=	\$2,250.00
2.7	60	300	Fascia board, 1" x 10", treated wood	LF	\$2.75	x	1,000	=	\$2,750.00

## 2.8 ROOF SPECIALTIES & ACCESSORIES

2.8	10	100	Remove roof hatch.	EA	\$300.00	x	1	=	\$300.00
2.8	10	200	Roof hatch, 16 gauge or heavier 2'6" x 3'0".	EA	\$1,200.00	x	1	=	\$1,200.00
2.8	10	300	Roof Hatch railing.	EA	\$1,200.00	x	1	=	\$1,200.00
2.8	10	400	Tectum roof deck tile, 1" thick.	SF	\$3.50	x	2,000	=	\$7,000.00
2.8	20	100	Remove existing roof drain, except plumbing.	EA	\$220.00	x	5	=	\$1,100.00
2.8	20	200	Install new roof drain, except plumbing.	EA	\$800.00	x	5	=	\$4,000.00
2.8	20	225	Install interior roof drain, single ply PVC.	EA	\$425.00	x	5	=	\$2,125.00
2.8	20	250	Install new roof drain cover.	EA	\$75.00	x	5	=	\$375.00
2.8	20	300	Flash existing roof drain.	EA	\$425.00	x	5	=	\$2,125.00
2.8	20	400	Plumbing stack, 4# lead flashing.	EA	\$100.00	x	5	=	\$500.00
2.8	20	500	Scupper, GI, 24 ga.; match existing configuration.	EA	\$100.00	x	50	=	\$5,000.00
2.8	20	525	Scupper, metal coated for single ply PVC.	EA	\$100.00	x	5	=	\$500.00
2.8	20	600	Conductor head.	EA	\$125.00	x	50	=	\$6,250.00
2.8	30	100	Remove existing walkway, built-up roofs.	SF	\$0.10	x	5,000	=	\$500.00

2.8	30	150	Remove existing walkway, concrete pavers	SF	\$2.00	x	1,000	=	\$2,000.00
2.8	30	200	Walkway, built-up roofs.	SF	\$3.15	x	5,000	=	\$15,750.00
2.8	30	300	Walkway, concrete pavers.	SF	\$25.00	x	1,000	=	\$25,000.00
2.8	40	100	Roof Ventilators, per 2000 CFM.	EA	\$1,000.00	x	1	=	\$1,000.00
2.8	40	200	Install roof curb, 3' x 6' with flashing nailer.	EA	\$550.00	x	5	=	\$2,750.00
2.8	40	300	Skylight, meets OSHA fall protection, meets class 4 hail, 20 yr warranty.	EA	\$2,050.00	x	5	=	\$10,250.00
2.8	40	400	Furnish and install skylight, 4' x 4'.	EA	\$800.00	x	5	=	\$4,000.00
2.8	40	500	Install temporary fall protection per eight linear feet.	EA	\$200.00	x	200	=	\$40,000.00
2.8	50	100	Roof ladder, steel, bolted to concrete, up to 20 ft, without cage.	EA	\$2,000.00	x	1	=	\$2,000.00
2.8	50	150	Pipe supports, 1/2" - 1-1/2" pipe.	EA	\$30.00	x	50	=	\$1,500.00
2.8	50	175	Pipe supports, 2" - 3-1/2" pipe.	EA	\$43.00	x	50	=	\$2,150.00
2.8	50	200	Roof ladder, steel, bolted to concrete, 20 ft and up with cage.	EA	\$2,800.00	x	1	=	\$2,800.00
2.8	50	300	Roof ladder, security ladder guard.	EA	\$800.00	x	1	=	\$800.00
2.8	60	100	Termination bar, aluminum, 1/4" x 1".	LF	\$1.70	x	2,000	=	\$3,400.00
2.8	70	100	Pitch pocket, GI, 24 gauge, 4" x 4", with storm collar.	EA	\$70.00	x	25	=	\$1,750.00
2.8	70	150	Pre built form with filler, 6" round.	EA	\$50.00	x	25	=	\$1,250.00
2.8	70	200	Pitch pocket, GI, 24 gauge, 8" x 8", with storm collar.	EA	\$70.00	x	25	=	\$1,750.00
2.8	70	210	Pre built form with filler, 8" round.	EA	\$60.00	x	25	=	\$1,500.00
2.8	70	300	Pitch pocket, resurface top only.	EA	\$30.00	x	50	=	\$1,500.00

2.8	70	325	Pitch pocket, single ply PVC.	EA	\$68.00	x	5	=	\$340.00
2.8	70	340	Resin based reinforced penetration flashing per 12" x 12" penetration.	EA	\$340.00	x	1	=	\$340.00
2.8	80	100	Expansion joint, butyl or neoprene bellows.	LF	\$11.00	x	500	=	\$5,500.00
2.8	80	200	Expansion joint, 24 gauge, G90 metal.	LF	\$11.00	x	500	=	\$5,500.00
2.8	90	100	Reflective coating applied, metal roof Energy Star rated.	SF	\$1.50	x	2,000	=	\$3,000.00
2.8	90	200	Reflective coating applied, singly ply/BUR Energy Star rated.	SF	\$1.50	x	2,000	=	\$3,000.00
<b>2.9 ROOF SERVICES</b>									
2.9	10	100	Asbestos core testing, (2" x 2").	EA	\$1,250.00	x	1	=	\$1,250.00
2.9	10	200	Core analysis (14" x 14").	EA	\$250.00	x	1	=	\$250.00
2.9	20	100	Non-destructive roof scan (0-50,000 sq ft, full service).	EA	\$1,400.00	x	1	=	\$1,400.00
2.9	20	200	Non-destructive roof scan (0-50,000 sq ft, limited service).	EA	\$1,300.00	x	1	=	\$1,300.00
2.9	30	100	On-site construction services, basic service.	SF	\$0.06	x	10,000	=	\$600.00
2.9	30	200	On-site construction services, full service.	SF	\$0.11	x	10,000	=	\$1,100.00
2.9	40	100	Field/shop drawings (0-10,000 sq ft).	SF	\$0.03	x	5,000	=	\$150.00
2.9	40	200	Field/shop drawings (over 10,000 sq ft).	SF	\$0.02	x	10,000	=	\$200.00
2.9	40	300	Structural engineer plans and specifications with professional seal.	SF	\$0.15	x	5,000	=	\$750.00
2.9	40	400	Fire Marshall review.	EA	\$250.00	x	3	=	\$750.00

2.9	40	500	Architectural plans and specifications with professional seal.	SF	\$0.29	x	50,000	=	\$14,500.00
2.9	40	600	Architectural inspection and project oversight, on location service.	SF	\$0.15	x	25,000	=	\$3,750.00
2.9	40	700	Additional cost to work prisons and difficult access jobs.	DAY	\$750.00	x	20	=	\$15,000.00
2.9	40	800	Additional cost for fill dirt on difficult access jobs.	CF	\$9.00	x	20	=	\$180.00
2.9	40	900	Additional cost for sod on difficult access jobs.	SF	\$1.00	x	100	=	\$100.00
2.9	50	500	Contractors per diem costs for work outside major population areas.	DAY	\$58.00	x	100	=	\$5,800.00
2.9	60	100	Contractors per diem costs for asbestos abatement planning.	DAY	\$600.00	x	10	=	\$6,000.00
2.9	70	100	Asbestos abatement activities, removal and disposal waste BUR.	SF	\$1.00	x	5,000	=	\$5,000.00

### 3.0 ROOF MANAGEMENT SERVICES

3.1	10	100	Annual Roof Inspection.	SF	\$0.04	x	50,000	=	\$2,000.00
3.1	20	100	Semi-Annual Roof Inspection.	SF	\$0.04	x	25,000	=	\$1,000.00
3.1	30	100	Computerized Roof Management Program.	SF	\$0.10	x	25,000	=	\$2,500.00
3.1	40	100	Leak investigation, two man crew.	HR	\$125.00	x	8	=	\$1,000.00

### 5.0 ADDITIONAL ITEMS

5.1	10	100	Dump fees.						
5.1	10	101	(0) to (50) miles round trip.	EA	\$485.00	x	40	=	\$19,400.00
5.1	10	102	(51) to (100) miles round trip.	EA	\$485.00	x	40	=	\$19,400.00

5.1	10	103	In excess of (100) miles round trip.	EA	\$485.00	x	40	=	\$19,400.00
5.1	20	100	Furnish crane, hydraulic 100 ft boom.	HR	\$180.00	x	8	=	\$1,440.00
5.1	20	200	Furnish forklift, reach.	HR	\$80.00	x	8	=	\$640.00
5.1	20	300	Furnish man lift, articulated.	HR	\$85.00	x	8	=	\$680.00
5.1	20	400	Furnish smokeless kettle for job.	DAY	\$3.00	x	100	=	\$300.00
5.1	20	500	Furnish external stair tower, set up and tear down.	EA	\$1,100.00	x	5	=	\$5,500.00
5.1	20	600	Furnish stockade fence, set up and tear down.	LF	\$14.00	x	50	=	\$700.00
5.1	20	650	Furnish construction security fence.	LF	\$14.00	x	100	=	\$1,400.00
5.1	20	700	Furnish scaffolding, set up and tear down, per 8 ft stage.	EA	\$260.00	x	5	=	\$1,300.00
5.1	20	800	Furnish safety monitor on roof.	HR	\$40.00	x	40	=	\$1,600.00
5.1	20	850	Furnish safety monitor for traffic.	HR	\$40.00	x	40	=	\$1,600.00
5.1	20	900	Furnish mechanical proposal for miscellaneous rooftop services. <b>Subcontractor proposal plus fifteen percent. (See Specification. Do not enter any pricing.)</b>						
5.1	20	931	Furnish electrical proposal for miscellaneous rooftop services. <b>Subcontractor proposal plus fifteen percent. (See Specification. Do not enter any pricing.)</b>						
5.1	20	961	Furnish Plumbing Proposal for miscellaneous rooftop services. <b>Subcontractor proposal plus fifteen percent. (See Specification. Do not enter any pricing.)</b>						
5.1	30	100	20 year, no dollar limit, State of Oklahoma roof warranty, roofs up to 10,000 sq ft.	SF	\$0.12	x	50,000	=	\$6,000.00



5.1	30	200	20 year, no dollar limit, State of Oklahoma roof warranty, roofs exceeding 10,000 sq ft.	SF	\$0.07	x	150,000	=	\$10,500.00
5.1	40	100	10 year, no dollar limit, State of Oklahoma roof warranty, roofs up to 10,000 sq ft.	SF	\$0.09	x	50,000	=	\$4,500.00
5.1	40	200	10 year, no dollar limit, State of Oklahoma roof warranty, roofs exceeding 10,000 sq ft.	SF	\$0.06	x	150,000	=	\$9,000.00

**TOTAL PRICE:**

**\$2,643,437.16**