



**State of Oklahoma
Department of Central Services
Construction and Properties**

NOTICE TO PROCEED / WORK ORDER

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

Notice to proceed date: **8/23/2011**

In accordance with the Agreement or Purchase Order dated: **N/A**

Between the Vendor's client identified as the Owner: **The State of Oklahoma,**
acting through the Department of Central Services,
Construction and Properties Division on behalf of the
Department of Central Services
2401 N. Lincoln Blvd.
Oklahoma City, OK 73105

and the Vendor: **Oklahoma Roofing & Sheet Metal**
P.O. Box 96528
Oklahoma City, OK 73143

For the following Projects: DCS Project Numbers: **R12002 Area 2**
R12004 Area 4
R12005 Area 5
DCS Purchase Order Numbers: **N/A** (*Please, reference on all invoices*)
Project name: **State of Oklahoma Roofing Maintenance Contracts**
Areas 2, 4, & 5

1. Authorization is given to proceed with the **State of Oklahoma Roofing Maintenance Contract – Area 2, 4, & 5.**
2. Work Periods set forth in the agreement or purchase order begin upon receipt of this Notice to Proceed / Work Order.
3. Contract Time: **365 Days.**
4. Contract Sum: **Determined by projects as assigned on an as needed basis.**
5. Completion Date: **8/22/2012**

Distribution: _____

- Contractor
- Consultant, If Applicable
- Using Agency
- CAP Project Manager
- CAP Project File



**State of Oklahoma
Department of Central Services
Construction and Properties**

**Amendment to Standard Form of Agreement
Between Owner and Consultant**

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification. This document is a modified form of AIA Document B151-1997 and has been edited under license number 119870 issued to the State of Oklahoma.

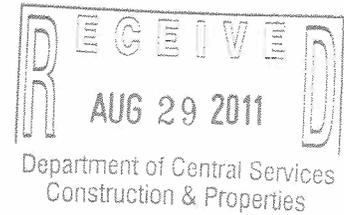
AGREEMENT made as of the **23rd** day of **August** in the year **2011**.

BETWEEN the Consultant's client identified as the Owner:

**The State of Oklahoma
acting through the Department of Central Services,
Construction and Properties Division
P. O. Box 53448
Oklahoma City, Oklahoma 73152-3448**

And the Consultant: **Oklahoma Roofing & Sheet Metal, Inc.**

For the following project: **Line Item Roofing Projects Statewide
Areas 2, 4, & 5**



The Owner and Consultant agree as follows:

ARTICLE 1. 4th of 4 annual options to renew; additional line items

Add the following:

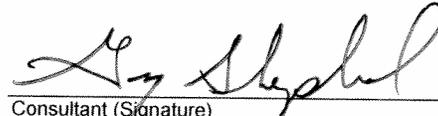
Article 3.4 renewal period for Fiscal Year 2012 August 23, 2011 through August 22, 2012

Add to Specifications and Line Item Prices the attached schedule for additional services to be provided through the State of Oklahoma Roof Asset Management Program.

N/A						
Using Agency			Signature		Date	
GL Unit: N/A	Acct: N/A	Sub-Acct: N/A	Fund Type: N/A	Class Fund: N/A	Dept: N/A	Bud Ref: N/A

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


 Owner
 John W. Morrison AIA
 State Construction Administrator
 Construction and Properties Division

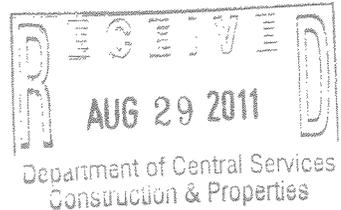

 Consultant (Signature)
 Gerry Shepherd President
 (Printed Name and Title)

- 5.1 20 900 Furnish mechanical services for miscellaneous rooftop work**
- 5.1 20 901 Mechanical Journeyman shall provide services needed in conjunction with roof maintenance, repair, or replacement in accordance with all applicable code.
- 5.1 20 902 Mechanical Apprentice shall provide services needed in conjunction with roof maintenance, repair, or replacement in accordance with all applicable code.
- 5.1 20 903 Labor shall be billed on an hourly rate.
- 5.1 20 904 All parts shall be billed at cost plus a maximum markup of 15%.
- 5.1 20 905 Quote for mechanical services shall be provided with roofing contractor's proposal.
- 5.1 20 906 Weekend work shall be 1.5 times standard rate per hour.
- 5.1 20 907 Holidays (recognized by the State of Oklahoma) rate per hour shall be 2 times standard rate per hour.

5.1 20 901	Furnish Mechanical Journeyman for miscellaneous rooftop services.	<u>1,500</u> Hours x <u>\$115.50</u>	= <u>\$173,250.00</u>
5.1 20 902	Furnish Mechanical Apprentice for miscellaneous rooftop services.	<u>1,500</u> Hours x <u>\$99.00</u>	= <u>\$148,500.00</u>
5.1 20 903	Furnish parts and materials for miscellaneous mechanical rooftop services.	\$ <u>cost</u> x 15%	= \$ _____

- 5.1 20 930 Furnish electrical services for miscellaneous rooftop work**
- 5.1 20 931 Electrical Journeyman shall provide services needed in conjunction with roof maintenance, repair, or replacement in accordance with all applicable code.
- 5.1 20 932 Electrical Apprentice shall provide services needed in conjunction with roof maintenance, repair, or replacement in accordance with all applicable code.
- 5.1 20 933 Labor shall be billed on an hourly rate.
- 5.1 20 934 All parts shall be billed at cost plus a maximum markup of 15%.
- 5.1 20 935 Quote for electrical services shall be provided with roofing contractor's proposal.
- 5.1 20 936 Weekend work shall be 1.5 times standard rate per hour.
- 5.1 20 937 Holidays (recognized by the State of Oklahoma) rate per hour shall be 2 times standard rate per hour.

5.1 20 931	Furnish Electrical Journeyman for miscellaneous rooftop services.	<u>1,500</u> Hours x <u>\$77.00</u>	= <u>\$115,500.00</u>
5.1 20 932	Furnish Electrical Apprentice for miscellaneous rooftop services.	<u>1,500</u> Hours x <u>\$44.00</u>	= <u>\$66,000.00</u>
5.1 20 933	Furnish parts and materials for miscellaneous electrical rooftop services.	\$ <u>cost</u> x 15%	= \$ _____



- 5.1 20 960 Furnish plumbing services for miscellaneous rooftop work**
 5.1 20 961 Plumbing Journeyman shall provide services needed in conjunction with roof maintenance, repair, or replacement in accordance with all applicable code.
 5.1 20 962 Plumbing Apprentice shall provide services needed in conjunction with roof maintenance, repair, or replacement in accordance with all applicable code.
 5.1 20 963 Labor shall be billed on an hourly rate.
 5.1 20 964 All parts shall be billed at cost plus a maximum markup of 15%.
 5.1 20 965 Quote for plumbing services shall be provided with roofing contractor's proposal.
 5.1 20 966 Weekend work shall be 1.5 times standard rate per hour.
 5.1 20 967 Holidays (recognized by the State of Oklahoma) rate per hour shall be 2 times standard rate per hour.

5.1 20 961	Furnish Plumbing Journeyman for miscellaneous rooftop services.	<u>1,500</u> Hours x <u>\$99.00</u>	= <u>\$148,500.00</u>
5.1 20 962	Furnish Plumbing Apprentice for miscellaneous rooftop services.	<u>1,500</u> Hours x <u>\$99.00</u>	= <u>\$148,500.00</u>
5.1 20 963	Furnish parts and materials for miscellaneous plumbing rooftop services.	\$ <u>cost</u> x	15% = \$ <u> </u>



Department of Central Services
 Construction & Properties



State of Oklahoma
Department of Central Services
Construction and Properties Division

**Standard Form of Agreement Between Owner and Contractor where
the basis of payment is a Stipulated Sum**

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

AGREEMENT made as of the 16 th day of August, 2007.

BETWEEN the Owner: State of Oklahoma
Construction and Properties Division
Department of Central Services
Will Rogers Office Building
2401 N. Lincoln, Suite 106
Oklahoma City, OK 73152-3448

On behalf of: Department of Central Services
Will Rogers Office Building
2401 N. Lincoln, Suite 106
Oklahoma City, OK 73152-3448

And the Contractor: Oklahoma Roofing & Sheet Metal, Inc.
P.O. Box 96528
Oklahoma City, OK 73143

The Project is: State of Oklahoma, Roofing Maintenance Contract for **Area 5 per the Project Manual for DCS # 08001**

The Consultant is: **N/A**

The Owner and the Contractor agree as follows:

ARTICLE 1 THE CONTRACT DOCUMENTS

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

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 **365** days from the date of commencement, or as follows: **None**, 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 (According to the Lump Sum Price stated in each Work Order for each Requisition/Proposal received, and based on 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. (No Alternates).

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. (No Options).

4.4 **Unit prices**, if any, are as follows: **See "Attachment A" Copies of Bid Forms for the specified area with the Unit Prices.**

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 Division of the Department of Central 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: (Insert other date)

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:

.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 ten percent (10%). 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;

.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 ten percent (10%).

.3 Subtract the aggregate of previous payments made by the Owner; and

.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:

.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).

.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:

.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

.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: **John W. Morrison AIA**
State Construction Administrator
Construction and Properties Division
Department of Central Services
P. O. Box 53448
Oklahoma City, OK 73152-3448

7.4 The Contractor's representative is: **Gerry Shepherd, Vice President of Oklahoma Roofing & Sheet Metal.**

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

7.6 Other provisions: **None**

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 and are as follows: See Project Manual for DCS # 08001, for Area 5 per the map in the Project Manual, dated 06/07.

8.1.4 The Specifications are those contained in the Project Manual dated as in Subparagraph 8.1.3, and are as follows: See Project Manual for DCS # 08001, for Area 5 per the map in the Project Manual, dated 06/07.

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

N/A

8.1.6 The Addenda, if any, are as follows:

Number: 1	Date: July 11, 2007	Pages: 1
Number: 2	Date: July 19, 2007	Pages: 1
Number: 3	Date: July 19, 2007	Pages: 1
Number: 4	Date: July 19, 2007	Pages: 1

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: **"Attachment A" Copies of the Bid Forms For Each the Specified Area are attached.**

8.1.9 **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 Consultant 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 consultant 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.

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

Number	Date	Pages
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:

8.1.9 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 Consultant 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 consultant 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.

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
DEPARTMENT OF CENTRAL SERVICES

Oklahoma Roofing & Sheet Metal
PO Box 96528
Oklahoma City, OK 73143

Signed by John Morrison
Owner (Signature)

Signed by Melvin Thompson
Contractor (Signature)

John W. Morrison AIA
State Construction Administrator
Construction and Properties Division

Melvin Thompson, President 73-1183407
(Printed name and title) FEI #



State of Oklahoma
Department of Central Services
Construction and Properties Division

Non-Collusion Affidavit

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

Melvin Thompson, of lawful age, being first duly sworn, on oath says that (s)he is the agent authorized by Contractor to submit the above Contract to the State of Oklahoma.

Affiant further states that contractor has not paid, given, or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma any money or other thing of value, either directly or indirectly, in the procuring of the Contract.

Melvin Thompson
Oklahoma Roofing & Sheet Metal, Inc.
Contractor

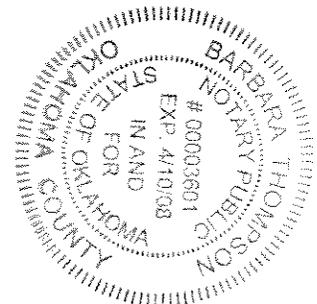
Melvin Thompson President
(Printed name and title)

Subscribed and sworn to before me this 16th day of August, 2007.

Barbara Thompson
Notarial Officer

Commission Number: 00003601

My Commission Expires: 4-10-08



Indefinite Quantity Unit Price Schedule

DCS # 08002

THIS SET OF BID FORMS IS FOR AREA 4

WORK DESCRIPTION Specification Number	Unit	Unit Price
2.1 WATERPROOFING & DAMPPROOFING		
2.1 10 100 Pressure cleaning.	SF	\$ 0.20
2.1 10 150 Bio-Algaecide, one application	SF	\$ 0.48
2.1 10 200 Waterproofing, asphalt emulsion coating, brush applied, per coat.	SF	\$ 0.60
2.1 10 300 Waterproofing, rubberized coating, brush applied, per coat.	SF	\$ 0.30
2.1 10 400 Waterproofing, vinyl/acrylic, brush applied (smooth), per coat.	SF	\$ 2.15
2.1 10 500 Waterproofing, non-pigmented synthetic resin, sprayed on, 1 coat.	SF	\$ 1.90
2.1 10 600 Waterproofing, premium clear cladding 1 coat flooded	SF	\$ 2.05
2.1 10 700 Waterproofing, above & below grade	SF	\$5.75
2.1 10 800 Waterproofing, elastomeric joint sealant	LF	\$4.20
2.1 20 100 Caulking, remove existing, clean & prime joint.	LF	\$ 1.68
2.1 20 200 Caulking, epoxized urethane 1/4" x 1/4" compound, 2 component, in place.	LF	\$ 1.35
2.1 20 300 Caulking, polyurethane, 1/4" x 1/4" 1 component, in place.	LF	\$ 0.58
2.1 20 400 Caulking, polyurethane, 1/2" x 1/2" 1 component, in place.	LF	\$ 0.62
2.1 20 500 Caulking, silicone rubber, 1/4" x 1/4" in place.	LF	\$ 1.25
2.1 20 600 Caulking, silicone rubber, 3/4" x 3/8" in place.	LF	\$ 1.30

2.1	30	100	Backer rod, polyethylene, 3/8" diameter installed in pre-prepared opening.	LF	\$ 0.12
2.1	30	200	Backer rod, polyethylene, 1/2" diameter installed in pre-prepared opening.	LF	\$ 0.14
2.1	30	300	Backer rod, polyethylene, 3/4" diameter installed in pre-prepared opening.	LF	\$ 0.17
2.1	30	400	Backer rod, polyethylene, 1" diameter installed in pre-prepared opening.	LF	\$ 0.20
2.1	40	100	Building paper, asphalt felt sheathing paper, 30 # in place.	SF	\$ 0.23
2.1	40	200	Building paper, red rosin paper, 5 sq. rolls, 4 lbs. per sq., in place.	SF	\$ 0.19
2.1	50	100	Vapor retarder, 2 ply inorganic, applied in Type III asphalt, in place.	SF	\$ 1.10
2.1	60	100	Prime deck using asphalt primer	SF	\$ 0.23

2.2 INSULATION

2.2	10	100	Demolition of roof insulation, per in. of depth.	SF	\$ 0.35
2.2	10	200	Demolition of lightweight cementitious fill, per inch of depth.	SF	\$ 0.20
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	\$ 1.38
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	\$ 1.55
2.2	20	300	Roof deck insulation, Isocyanurate in 4' X 4' or 4' X 8' sheets, 1 1/2" thick, R-10.0, mechanically fastened.	SF	\$ 1.19
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	\$ 1.63
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	\$ 0.90

2.2	30	200	Roof deck insulation, fiberboard in 4'x 4' sheets, 1" thick, R-2.78, applied in Type IV asphalt.	SF	\$ 1.02
2.2	30	300	Roof deck insulation, fiberboard in 4'x 4' sheets, 1/2" thick, R-1.39 mechanically fastened	SF	\$ 0.48
2.2	30	400	Roof deck insulation, fiberboard in 4' x 4' sheets, 1" thick, R-2.78, mechanically fastened.	SF	\$ 0.76
2.2	30	500	Roof deck insulation, 4' by 9' by 1/4" adhered or fastened, equiv. to Dens Deck	SF	\$ 0.75
2.2	30	600	Roof deck insulation, 4' by 9' by 1/2" adhered or fastened, equiv. to Dens Deck	SF	\$ 0.90
2.2	40	100	Roof deck insulation, lightweight, air Entrained pregenerated cellular foam mixed with Portland R-value depending on thickness, per inch of depth.	SF	\$ 0.90
2.2	50	100	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, applied in Type IV asphalt, per inch of depth.	SF	\$ 1.09
2.2	50	200	Roof deck insulation, perlite, tapered 1/8" applied in asphalt, per SF, per inch of thickness	SF	\$ 1.27
2.2	60	100	Roof deck insulation, cold insulation adhesive, per layer per square foot	SF	\$ 0.36
2.2	60	200	Roof deck insulation, foam adhesive, per layer per square foot	SF	\$ 0.58

2.3 SHINGLES, SHAKES & ROOFING TILES

2.3	10	100	Remove composition shingles and felts . to decking (for 1 layer of shingles and felt)	SF	\$ 0.37
2.3	10	200	Remove roof tiles of clay, concrete, or slate for 1 layer of tiles and felt	SF	\$ 0.55
2.3	10	300	Remove wood shingles or shakes. for 1 layer of wood shingles/shakes and felt	SF	\$ 0.30
2.3	20	100	Shingles, fiberglass, Class A, 25-year standard strip shingles.	SF	\$ 1.60

2.3	20	200	Shingles, fiberglass, Class A, 30-year laminated multi-layered shingles.	SF	\$ 1.84
2.3	20	300	Shingles, fiberglass, Class A, 40-year premium laminated multi-layered shingles	SF	\$ 2.00
2.3	30	100	Replace roof tiles (clay, slate)	EA	\$ 30.00
2.3	40	100	No. 1 Blue label sawn and kiln-dried Western red cedar shingles, 16"length. Fire-retardant pressure treated units.	SF	\$ 3.95
2.3	40	200	No. 1 Blue label tapersawn and kiln-dried Western red cedar shakes, 24"length with 5/8" butt. Fire-retardant pressure treated units.	SF	\$ 4.00
2.3	40	300	Ice and water shield underlayment	SF	\$ 0.87
2.3	50	100	Additional cost for over 9/12 pitch	SF	\$ 0.10

2.4 ROOFING & ROOF RESTORATION

2.4	10	100	Remove built-up roofing, multi-ply with aggregate, (1 layer 4-ply built-up roofing).	SF	\$ 0.39
2.4	10	110	Spud embedded aggregate.	SF	\$ 0.21
2.4	10	120	Sweep loose aggregate from membrane	SF	\$ 0.30
2.4	10	130	Wet vacuum loose aggregate from membrane	SF	\$ 0.12
2.4	10	200	Remove single ply roof, ballast and membrane only.	SF	\$ 0.06
2.4	10	210	Remove single ply roof, membrane (partial or fully adhered) only.	SF	\$ 0.03
2.4	10	220	Remove single ply roof, membrane(mechanically attached) only.	SF	\$ 0.08
2.4	10	300	Remove copper sheet roofing.	SF	\$ 0.18
2.4	10	400	Flood coat and gravel surface, asphalt	SF	\$ 0.89
2.4	10	500	Flood coat and gravel surface, coal tar pitch	SF	\$ 1.24
2.4	10	600	Flood coat and gravel surface, Equiv. to Hickman 505	SF	\$ 1.94

2.4	10	700	Floodcoat with white marble and white low-VOC adhesive, Energy Star	SF	\$ 2.75
2.4	20	100	3 ply fiberglass, Type IV asphalt.	SF	\$ 1.49
2.4	20	150	3 ply type IV TC fiberglass felt, coal tar pitch, 10 year warranty	SF	\$ 1.81
2.4	30	100	4 ply Type IV fiberglass felt, Type IV asphalt, 20 year warranty	SF	\$ 2.05
2.4	30	200	4 ply, type IV TC fiberglass felt, coal tar pitch, 20 year warranty	SF	\$ 3.07
2.4	30	300	3 ply type VI fiberglass felts, 1 ply polyester in asphalt, equiv. to Hickman 101	SF	\$ 3.05
2.4	30	400	Two ply modified system with Energy Star cap, ply per square foot	SF	\$ 4.39
2.4	30	500	Two ply modified bitumen roof system with Energy Star coating, per square foot	SF	\$ 5.11
2.4	40	100	Built-up roof, 3 ply, cold process adhesive Type G2, (quantity 1-500 sf), 20 year warranty	SF	\$ 14.50
2.4	40	200	Built-up roof, 4 ply cold process adhesive Type G2, 20 year warranty	SF	\$ 2.24
2.4	40	300	3 plies Type 6 in Type 3 asphalt w/white Mod Bit w/white adhesive Energy Star, Fire Rated	SF	\$ 4.25
2.4	40	400	3 ply trilaminate BUR in low-solvent/ Low-odor adhesive with gravel	SF	\$ 3.50
2.4	50	100	Built-up roof, 2 ply Type IV fiberglass 1 ply modified bitumen sheet, Type IV asphalt, 10 year warranty	SF	\$ 2.49
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	\$ 2.65
2.4	50	225	Built-up roof, added cost mechanically attached G2 fiberglass base sheet	SF	\$ 0.30
2.4	50	250	Built-up roof, added cost Type IV asphalt attached G2 fiberglass base sheet	SF	\$ 0.23

2.4	50	275	Built-up roof, added cost Type IV asphalt attached G2 fiberglass base sheet	SF	\$ 0.71
2.4	50	280	Venting base sheet, installed in asphalt per square foot	SF	\$ 0.93
2.4	50	285	Venting base sheet, mechanically attached per square foot	SF	\$ 1.86
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	\$ 6.65
2.4	50	350	Built-up roof, premium asphalt equiv. to Hickman 101, added cost per ply per square foot.	SF	\$ 0.30
2.4	50	400	Built-up roof, Perma Mop asphalt, added cost per ply per square foot.	SF	\$ 0.29
2.4	50	450	Built-up roof, Demi Mop asphalt, added cost per ply per square foot.	SF	\$ 0.27
2.4	50	500	Built-up roof, elastomeric modified asphalt, elongation 128 – 150 percent, added cost per ply per square ft.	SF	\$ 0.31
2.4	50	550	Cold process adhesive added cost per ply, per square foot	SF	\$ 0.34
2.4	50	600	Cold process adhesive, added cost per ply, per square foot, low fume/solvent equiv. to Siplast SFT	SF	\$ 0.72
2.4	50	650	Built-up roof, surface with cold asphaltic adhesive and gravel.	SF	\$ 0.25
2.4	50	700	Built-up roofing, surface with emulsion and granules.	SF	\$ 0.21
2.4	50	750	Built-up roof, surface with emulsion and aluminum coating.	SF	\$ 0.18
2.4	50	800	Energy Star coating over smooth Surface roofing per square foot	SF	\$ 3.46
2.4	50	850	Built-up roof, surface with aluminum coating or paint	SF	\$ 0.32
2.4	60	100	Built-up roofing repairs; fibered asphalt mastic (trowel grade) with fiberglass mesh.	SF	\$ 0.10

2.4	60	200	Built-up roofing repairs; fibered asphalt mastic (brush grade) with fiberglass mesh.	SF	\$ 0.10
2.4	60	300	Built-up roofing repairs; pitch based mastic with fiberglass mesh	SF	\$ 0.12
2.4	60	400	Built-up roofing repairs, elastomeric mastic with fiberglass mesh.	SF	\$ 0.62
2.4	70	100	Single-ply roof, EPDM, 60 mils, mechanically fastened.	SF	\$ 1.71
2.4	70	200	Single-ply roof, EPDM, 60 mils, fully adhered.	SF	\$ 1.88
2.4	70	300	Single-ply roof, EPDM 120 mils, fully adhered, fleece back	SF	\$ 2.09
2.4	70	400	Single-ply roof, TPO 80 mils reinforced, fully adhered	SF	\$ 2.55
2.4	70	500	Single-ply roof, PVC 60 mils, fully adhered	SF	\$ 2.42
2.4	80	100	Flashing membrane, aluminum, foil clad, modified bitumen membrane.	SF	\$ 4.37
2.4	80	200	Flashing membrane, 1-ply polyester and 1 ply modified bitumen.	SF	\$ 3.85
2.4	80	300	Flashing membrane, base ply and granular surface modified cap	SF	\$ 5.46
2.4	80	400	Flashing membrane, PVC.	SF	\$ 7.20
2.4	80	500	Premium Flashing membrane, equiv. to Hickman Pikaply MS-4	SF	\$ 4.36
2.4	80	600	Flashing membrane, EPDM.	SF	\$ 7.06
2.4	80	700	Flashing membrane, TPO fleeceback	SF	\$ 3.85
2.4	90	100	Polyurethane foam roofing 1" thick	SF	\$ 1.19
2.4	90	200	Polyurethane foam, low rise adhesive Equiv. to Carlisle Fast 100	SF	\$ 0.49
2.4	90	300	Polyurethane foam roofing, DFT: minimum 30 mils, Acrylic.	SF	\$ 0.26

2.4	90	400	Polyurethane foam roofing, DFT: minimum 22 mils, Silicone.	SF	\$ 0.39
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2.5 MASONRY

2.5	10	100	Brick remove and reset (Quantity 1-50 sf)	SF	\$ 10.50
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2.5	10	200	Brick, remove and reset (Quantity over 50 sf)	SF	\$ 9.75
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2.5	10	300	Block, remove and reset.	EA	\$ 150.00
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2.5	10	400	Coping stones, remove and reset.	EA	\$ 200.00
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2.5	20	100	Tuck pointing, 8 ft. high wall	LF	\$ 4.45
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2.6 METAL WORK

2.6	10	100	Remove standard metal decking	SF	\$ 1.00
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2.6	10	200	Install Metal deck	SF	\$ 3.82
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2.6	20	100	Remove metal counterflashing	LF	\$ 0.25
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2.6	20	200	Counterflashing, galvanized 24 gauge galvanized, 6" wide.	LF	\$ 2.51
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2.6	20	300	Counterflashing, copper, 16 oz, 6" wide. 24 gauge galvanized	LF	\$ 4.61
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2.6	20	400	Receiver flashing, 24 gauge, galvanized	LF	\$ 3.25
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2.6	30	100	Remove metal edge, gravel stop, eave strip or coping.	LF	\$ 0.25
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2.6	30	200	Metal edge, galvanized 6" face, hemmed.	LF	\$ 5.15
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2.6	30	300	Gravel stop, galvanized steel, 24 ga., 6" face	LF	\$ 6.30
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2.6	40	100	Remove metal gutter.	LF	\$ 0.50
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2.6	40	200	Gutter, galvanized steel, 24 gauge 5" box or ogee, mill finish.	LF	\$ 10.60
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2.6	40	300	Gutter, galvanized steel, 24 gauge 5" box or ogee, Kynar finish	LF	\$ 12.65
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2.6	40	400	Gutter, copper, 16 oz., half round, 5" wide.	LF	\$ 13.55
2.6	40	500	Gutter, copper, 16 oz., half round, 6" wide.	LF	\$ 13.95
2.6	50	100	Remove metal downspouts.	LF	\$ 0.50
2.6	50	200	Downspout, galvanized, 24 gauge 3" X 4", Kynar finished	LF	\$ 13.55
2.6	50	300	Downspout, galvanized, 24 gauge 3" x 4"	LF	\$ 7.00
2.6	50	400	Downspout, GI, 24 ga. 4" round, Kynar finished	LF	\$ 5.50
2.6	50	500	Downspout, copper, 16 oz., 6" round.	LF	\$ 14.00
2.6	50	600	Downspout, strainer	EA	\$ 3.00
2.6	60	100	Metal flashing, copper, 16 oz., apron flashing, 9" wide.	LF	\$ 4.50
2.6	60	200	Metal flashing, copper, 16 oz., step flashing.	EA	\$ 25.00
2.6	60	225	Flashing, pipe penetration, Single ply PVC	EA	\$ 55.00
2.6	60	300	Metal splash pan, copper, 16 oz.	EA	\$ 30.00
2.6	60	350	Metal splash pan, 24 ga. Galv.	EA	\$ 30.00
2.6	60	400	Metal trim, aluminum, painted	SF	\$ 7.65
2.6	60	500	Metal storm collar.	EA	\$ 30.00
2.6	60	600	Metal coping, galvanized steel, 24 ga.	SF	\$ 7.55
2.6	60	700	Standing seam panels, 24 ga.prefinished	SF	\$ 4.60
2.6	60	750	R Panels, 26 galvanized, pre-finished	SF	\$ 3.57
2.6	60	800	Panel batten covers, standing seam	LF	\$ 0.73
2.6	60	900	Hat channels, galvanized	LF	\$ 1.00
2.6	60	950	Standing seam, continuous clip	LF	\$ 1.00

2.6 60 975	Standing seam 4" clips	SF	\$ 0.75
2.6 60 980	Standing seam panels, 18" wide	SF	\$ 4.96
2.6 60 990	Sealed seam metal roofing, factory-formed, prefinished	SF	\$ 5.58
2.6 70 100	Resolder joints in sheet metal	LF	\$ 0.50
2.6 70 200	4" Metal stud, 16 gauge, galvanized	LF	\$ 2.66
2.6 70 300	6" Metal stud, 16 gauge, galvanized	LF	\$ 2.86
2.6 70 400	Roof jack, galvanized 24 gauge	EA	\$ 150.00
2.6 70 500	Ice Dams, standing seam roofs	EA	\$ 48.00
2.6 70 600	Snow Retention Systems Standing seam roofs	EA	\$ 56.00
2.6 70 700	Zees, 11 gauge	EA	\$ 40.00

2.7 WOODWORK

2.7 10 100	Demolition of plywood or standard 1" x 6" decking.	SF	\$ 0.50
2.7 10 200	Demolition of standard 2" x 6" tongue and groove decking.	SF	\$ 0.80
2.7 20 100	Plywood decking, CDX, 1/2" thick	SF	\$ 1.40
2.7 20 200	Plywood decking, CDX, 5/8" thick	SF	\$ 1.42
2.7 20 300	Plywood decking, CDX, 3/4" thick	SF	\$ 1.70
2.7 20 400	Standard 1" x 6" decking.	SF	\$ 0.45
2.7 20 500	Standard 2" x 6" tongue and groove decking.	SF	\$ 2.10
2.7 30 100	Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8".	LF	\$ 1.25
2.7 30 200	Cants, treated wood, 4" x 4" diagonal.	LF	\$ 0.75
2.7 40 100	Nailer, treated wood, 1" x 4".	LF	\$ 2.10
2.7 40 200	Nailer, treated wood, 2 x 4".	LF	\$ 3.78

2.7	40	300	Nailer, treated wood, 2" x 6".	LF	\$ 4.04
2.7	50	100	Curbing, treated wood, 2" x 12".	LF	\$ 4.35
2.7	60	100	Joist, fir, 2" x 6".	LF	\$ 2.50
2.7	60	200	Joist, fir, 2" x 10".	LF	\$ 3.10
2.7	60	300	Facia board, 1 x 10, treated wood	LF	\$ 3.20

2.8 ROOF SPECIALTIES & ACCESSORIES

2.8	10	100	Remove roof hatch.	EA	\$ 600.00
2.8	10	200	Roof hatch, 16 gauge or heavier 2'6" x 3'0".	EA	\$ 1,100.00
2.8	10	300	Roof hatch, 16 gauge or heavier larger sizes.	EA	\$ 3,600.00
2.8	10	400	Tectum roof deck tile, 1" thick	SF	\$ 3.80
2.8	20	100	Remove existing roof drain, except plumbing.	EA	\$ 280.00
2.8	20	200	Install new roof drain, except plumbing	EA	\$ 500.00
2.8	20	225	Install interior roof drain, Single ply PVC	EA	\$ 325.00
2.8	20	250	Install new roof drain cover	EA	\$ 88.00
2.8	20	300	Reflash existing roof drain.	EA	\$ 480.00
2.8	20	400	Plumbing stack, 4# lead flashing	EA	\$ 105.00
2.8	20	500	Scupper, GI, 24 ga.; match existing configuration.	EA	\$ 75.00
2.8	20	525	Scupper, metal coated for single ply PVC	EA	\$ 155.00
2.8	20	600	Conductor head	EA	\$ 120.00
2.8	30	100	Remove existing walkway, built-up roofs.	SF	\$ 0.18
2.8	30	200	Walkway, built-up roofs.	SF	\$ 3.00
2.8	40	100	Roof Ventilators, per 2000 CFM	EA	\$ 800.00

2.8	40	200	Install roof curb, 3' by 6' with flashing nailer	EA	\$ 600.00
2.8	40	300	Install roof curb, owner furnished	EA	\$ 400.00
2.8	40	400	Furnish and install skylight, 4' by 4'	EA	\$ 800.00
2.8	40	500	Install temporary fall protection per eight linear feet	EA	\$ 265.00
2.8	50	100	Roof ladder, steel, bolted to concrete, up to 20 ft., without cage.	LF	\$ 1,200.00
2.8	50	150	Pipe supports, 1/2 ' – 1 1/2" pipe	EA	\$ 35.00
2.8	50	175	Pipe supports, 2" – 3 1/2" pipe	EA	\$ 48.00
2.8	50	200	Roof ladder, steel, bolted to concrete, 20 ft. and up with cage.	LF	\$ 3,600.00
2.8	50	300	Roof ladder, security ladder guard	SF	\$ 980.00
2.8	60	100	Termination bar, aluminum, 1/4" x 1".	LF	\$ 1.89
2.8	70	100	Pitch pocket, GI, 24 ga. 4" x 4", with storm collar.	EA	\$ 75.00
2.8	70	150	Pre built form with filler, 6" round	EA	\$ 55.00
2.8	70	200	Pitch pocket, GI, 24 ga. 8" x 8", with storm collar.	EA	\$ 85.00
2.8	70	250	Pre built form with filler, 8" round	EA	\$ 68.00
2.8	70	300	Pitch pocket, resurface top only.	EA	\$ 35.00
2.8	70	325	Pitch pocket, single ply PVC	EA	\$ 70.00
2.8	80	100	Expansion joint, butyl or neoprene bellows,	LF	\$ 10.00
2.8	80	200	Expansion joint, 24 gauge, G90 metal	LF	\$ 10.75
2.8	90	100	Reflective coating applied, metal roof Energy Star rated	SF	\$ 1.60
2.8	90	200	Reflective coating applied, singly ply/BUR Energy Star rated	SF	\$ 1.58

2.9 ROOF SERVICES

2.9 10 100	Asbestos core testing, (2" x 2").	EA	\$ 1,250.00
2.9 10 200	Core analysis (14" x 14").	EA	\$ 300.00
2.9 20 100	Non-destructive roof scan (0-50,000sf, full service).	EA	\$ 2,000.00
2.9 20 200	Non-destructive roof scan (0-50,000 sf, limited service).	EA	\$ 1,500.00
2.9 30 100	On-site Construction services, basic service	SF	\$ 0.06
2.9 30 200	On-site Construction services, full service	SF	\$ 0.12
2.9 40 100	Field/shop drawings (0-10,000 sq. ft.)	SF	\$ 0.03
2.9 40 200	Field/shop drawings (10,000- up sq. ft.)	SF	\$ 0.02
2.9 40 300	Structural Engineer Plans and Specifications with Professional Seal	SF	\$ 0.15
2.9 40 400	Fire Marshall Review	EA	\$ 0.05
2.9 40 500	Architectural Plans and Specifications with Professional Seal	SF	\$ 0.23
2.9 40 600	Architectural inspection and job Oversight service, per day	SF	\$ 550.00
2.9 40 700	Additional cost to work prisons and difficult jobs, per day	SF	\$ 810.00
2.9 40 800	Additional cost for fill dirt on difficult access jobs	CF	\$ 10.15
2.9 40 900	Additional cost for sod on difficult access jobs	SF	\$ 3.75
2.9 50 500	Contractors per diem costs for work outside major population areas.	DAY	\$ 72.00
2.9 60 100	Contractors per diem/costs for asbestos abatement planning.	DAY	\$ 650.00
2.9 70 100	Asbestos abatement activities, removal and disposal waste BUR,	SF	\$ 1.00

3.0 ROOF MANAGEMENT SERVICES

3.1	10	100	Annual Roof Inspection	SF	\$.04
3.1	20	100	Semi-Annual Roof Inspection	SF	\$.04
3.1	30	100	Computerized Roof Management Program	SF	\$.10
3.1	40	100	Leak investigation, two man crew	HR	\$ 128.00

5.0 ADDITIONAL ITEMS

5.1	10	100	Dump fees		
5.1	10	101	(0) to (50) miles round trip	EA	\$ 250.00
5.1	10	102	(51) to (100) miles round trip	EA	\$ 265.00
5.1	10	103	In excess of (100) miles round trip	EA	\$ 300.00
5.1	20	100	Furnish Crane, hydraulic 100 foot boom	HR	\$ 175.00
5.1	20	200	Furnish Forklift, reach	HR	\$ 50.00
5.1	20	300	Furnish Man Lift, articulated	HR	\$ 55.00
5.1	20	400	Furnish smokeless kettle for job	DAY	\$ 6.00
5.1	20	500	Furnish external stair tower, set up and tear down	EA	\$ 1,200.00
5.1	20	600	Furnish Stockade Fence, set up and tear down	LF	\$ 14.00
5.1	20	700	Furnish Scaffolding, set up and tear down per 8 foot stage	EA	\$ 265.00
5.1	20	800	Furnish Safety Monitor on roof	HR	\$ 42.60
5.1	20	850	Furnish Safety Monitor for traffic	HR	\$ 42.60
5.1	30	100	20 Year No Dollar Limit, State of Oklahoma Roof Warranty Roofs up to 10,000 sq. ft.	SF	\$ 0.15
5.1	30	200	20 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs exceeding 10,000 sq. ft	SF	\$ 0.10
5.1	40	100	10 Year No Dollar Limit	SF	\$ 0.09

State of Oklahoma Roof Warranty
Roofs up to 10,000 sq. ft.

5.1 40 200	10 Year No Dollar Limit State of Oklahoma Roof Warranty Roofs exceeding 10,000 sq. ft	SF	\$ 0.05
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