



- Driver's Licenses & ID Cards
- Vehicles, Plates & Titles
- Business Services
- More Services

## Business Entity Search

### Entity Information

<b>Entity Name</b>	GARLAND/DBS, INC.		
<b>File Number</b>	67039327	<b>Status</b>	ACTIVE
<b>Entity Type</b>	CORPORATION	<b>Type of Corp</b>	FOREIGN BCA
<b>Qualification Date (Foreign)</b>	01-20-2010	<b>State</b>	DELAWARE
<b>Duration Date</b>	PERPETUAL		
<b>Annual Report Filing Date</b>	01-01-2025	<b>Annual Report Year</b>	2025
<b>Agent Information</b>	C T CORPORATION SYSTEM 208 SO LASALLE ST, SUITE 814 CHICAGO ,IL 60604-1101	<b>Agent Change Date</b>	04-16-2021

### Services and More Information

Choose a tab below to view services available to this business and more information about this business.

- Available Services
- Officers**
- Assumed Name
- Old Corp Name
- File History

[Purchase Master Entity Certificate of Good Standing](#)

[Change of Registered Agent and/or Registered Office](#)

[Adopting Assumed Name](#)





**Garland/DBS, Inc.**  
**3800 East 91<sup>st</sup> Street**  
**Cleveland, OH 44105**  
**Phone: (800) 762-8225**  
**Fax: (216) 883-2055**



## **ROOFING MATERIAL AND SERVICES PROPOSAL**

**Village of Oak Park**  
**North Pumping Station**  
**1010 Ridgeland Ave**  
**Oak Park, IL 60302**

**Date Submitted: 2/27/2026**  
**Proposal #: 25-IL-260109**  
**MICPA # PW1925**

**Illinois General Contractor License #: 104.015673**

Purchase orders to be made out to: Garland/DBS, Inc.

**Please Note:** The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Racine County, WI and OMNIA Partners, Public Sector (U.S. Communities). The line item pricing breakdown from Attachment C: Bid Form should be viewed as the maximum price an agency will be charged under the agreement. Garland/DBS, Inc. administered an informal competitive process for obtaining quotes for the project with the hopes of providing a lower market-adjusted price whenever possible.

### **Scope of Work:**

1. Remove chain link fence and salvage for reinstallation.
2. Remove existing roof down to concrete deck.
3. Remove and replace the internal roof drain assembly with new cast iron drain assembly.
4. Apply Garla-Prime VOC to concrete deck at 0.5 gallons per 100 square feet.
5. Install HPR Torch Base over the entire deck as a vapor barrier.
6. Install ¼":12" tapered polyisocyanurate system set in Insul-Lock HR, average R-30, staggering the joints, to enable positive drainage.
7. Install ½" DensDeck Prime cover board set in Insul-Lock HR.
  - a. Install 4'x4' ½":12" drain sump detail at internal roof drain.
8. Install HPR Torch Base base sheet over the field of the roof.
9. Install StressPly IV Plus Mineral cap sheet over the field of the roof.

10. Install HPR Torch Base and StressPly IV Plus Mineral to all penetration and perimeter flashing areas.
  - a. Install new wood nailer at perimeter parapet as required for new metal coping cap detail.
  - i. Apply Pro-Stop FR Primer to all exposed wood prior to roofing membrane install.
  - b. At perimeter parapet, install modified base sheet up and over and secure to backside nailer. Install cap sheet to the top of the interior vertical and secure with termination bar and Tuff Stuff MS. Install R-Mer Seal over the top of the parapet and secure to the termination bar and backside nailer.
  - c. Install 4'x6'x1/2" roofing walk pad under weather equipment.
11. Install new 24ga kynar coated galvanized steel metal coping cap detail to the perimeter parapet wall.
12. Apply Garla-Brite to the field and flashings, 1.0 GAL/SQ per coat, 2 coats total, installed in a cross-hatch pattern.
13. Reinstall chain link fence, honoring original layout, ensuring a watertight connection to the parapet wall.
14. Reinstall electrical conduit and provide Dura-Blok support.

<b>Proposal Price Based Upon Market Experience:</b>	<b>\$ 81,587</b>
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**Garland/DBS Price Based Upon Local Market Competition:**

<b>R.B. Crowther Company</b>	<b>\$</b>	<b>81,587</b>
Malcor Roofing	\$	84,014
Waukegan Roofing	\$	85,862

Potential issues that could arise during the construction phase of the project will be addressed via unit pricing for additional work beyond the scope of the specifications. This could range anywhere from wet insulation, to the replacement of deteriorated wood nailers.

Please Note – The construction industry is experiencing unprecedented global pricing and availability pressures for many key building components. Specifically, the roofing industry is currently experiencing long lead times and significant price increases with roofing insulation and roofing fasteners. Therefore, this proposal can only be held for 30 days. DBS greatly values your business, and we are working diligently with our long-term suppliers to minimize price increases and project delays which could effect your project. Thank you for your understanding and cooperation.

**Clarifications/Exclusions:**

1. Permits are Included
2. Bonds are included.
3. Plumbing, Mechanical, Electrical work is excluded.
4. Masonry work is included to which it obtains to the scope of work.
5. Interior Temporary protection is excluded.
6. Prevailing Wages are included.
7. Any work not exclusively described in the above proposal scope of work is excluded.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

*Nathan Parker*

Nathan Parker  
Garland/DBS, Inc.  
(216) 302-3791



# THE GARLAND COMPANY, INC.

**HIGH PERFORMANCE BUILDING ENVELOPE SYSTEMS**

3800 EAST 91ST. STREET • CLEVELAND, OHIO 44105-2197  
PHONE: (216) 641-7500 • FAX: (216) 641-0633

MATT LEMERE  
P: (773) 633-7114  
[mlemere@garlandinc.com](mailto:mlemere@garlandinc.com)

February 27, 2026

TO: Jake Vest, Village of Oak Park  
RE: North Pumping Station Roof Replacement Project

Jake,

Here is a quick summary of the proposed re-roof project.

To fully replace the flat roof at the Pump Station the cost will be \$81,587 total.

A pre-bid was held at the North Pumping Station and R.B. Crowther Company of Morris provided the lowest cost of three bids total. R.B. Crowther is a Garland certified installer and has completed similar work with success.

The scope of work will remove the existing roof system down to the deck. A vapor barrier will be installed over the concrete deck, new polyisocyanurate roof insulation providing R-30 thermal value and a gypsum cover board will be installed along with a new internal roof drain assembly. The Garland 2-ply modified bitumen waterproofing membrane will then be installed along with associated metal detail. The new roof system will include a 30-year warranty issued by Garland.

Garland will manage the entire project through the government cooperative purchasing program, Omnia (formerly known as US Communities). Using Omnia will make Garland/DBS the general contractor and add a level of security to the work for the village. The Village will enter into a contract with Garland/DBS as opposed to with the installing roofing contractor. This same process has been used by the Village for other waterproofing work in the recent past.

Here are the steps ahead for executing this project:

- Village Board approval of the bid and the project
- Contracts executed for work and work scheduling
- Garland holds mandatory Pre-construction Meeting with the Village and R.B. Crowther
- Project site staging
- Roof Work (with Garland on-site inspections throughout)

- Garland provides job close-out assistance with punch list items to be finished
- Final inspection by Garland for warranty
- Warranty approval process and issue of warranty
- Ongoing inspections by Garland as a part of a proactive preventive maintenance program are included for the life of the roof system

In the following pages I have included the detailed Garland/DBS proposal that includes the bid results. Following board approval, contract docs will be provided for review and signature.

I am available to review or answer any questions from anyone in the Village. Thank you!

Regards,

Matt Lemere



Project Manual For:

**VILLAGE OF OAK PARK  
2026 ROOF REPLACEMENT  
NORTH PUMPING STATION**



**Project #:** 25-xx-XXXXX  
**Due Date:** February 24<sup>th</sup>, 2026  
12:00 pm Central

**Project Owner:**  
Village of Oak Park  
123 Madison St  
Oak Park, IL 60302



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# 1 Instruction to Bidders

In accordance with the Invitation to Bid, the bid form must be submitted in accordance with the following:

**BID DUE DATE: FEBRUARY 24, 2026 @ 12PM Central**

1. Bids can be submit in one of the following two formats using the bid forms as provided herein:
  - a. E-mail Bids to: [DBSbids@garlandind.com](mailto:DBSbids@garlandind.com)
  - b. Fax Bids to: (216) 883-2055
  - c. CenterPoint Portal: Link to be provided
2. If you have any questions regarding the bid documents, please call MATT LEMERE at (773) 633-7114.
3. Coordination with the Owner, as specified hereinafter, shall be made exclusively through the General Contractor’s Representative(s): MATT LEMERE at (773) 633-7114.
4. Bid Bonds **are not** required for this project. Performance and Payment Bonds **will not be** required if awarded the project. Performance and payment bonds will be provided by Garland/DBS, Inc., herein referred to as “General Contractor” for the project.
5. Time is of the essence prior to contract signing, the number of consecutive working days necessary for the completion of the project shall be established by both parties. The Contractor agrees that failure to complete the scope of work within that stipulated period shall result in the assessment liquidated damages
6. It is the General Contractor’s intention to remit payment of approved invoice amounts within forty-five (45) days of General Contractor’s acceptance. Most often payment is made at thirty (30) days. Deductions may be made for unapproved amounts invoiced and/or any penalties or damages incurred by the Owner or General Contractor.
7. The final invoice for retention will be paid upon the General Contractor’s receipt of final payment by the Owner.
8. All Invoices must be submitted to General Contractor on AIA G702/G703 invoice forms or approved equal.
9. The contractor shall be prepared to submit a Certificate of Insurance with the Owner and General Contractor identified as the additional insured in accordance with the requirements as outlined in the Supplementary Conditions.
10. The Contractor shall be responsible for any building permits required by the County where the project is located, and must comply with all local, State, and Federal requirements.
11. Once the project is awarded and a start date is determined the contractor must continue to work, full-time and with a sufficient workforce able to faithfully prosecute the Work until final completion is issued by the General Contractor. Roofing must be performed in logical sequence and in accordance with the specification documents as provided herein, deviations will only be allowed under direction of the General Contractor or Owner.



Village of Oak Park  
2026 Roof Replacement –  
North Pumping Station

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12. **Bid sheets have be provided and shall be completed in full.** Unit costs must be provided for additional / optional items that are reasonably foreseen as being required for the roof installation. Any expected latent or concealed site conditions should be identified upfront with unit pricing.
13. Bidders are reminded that the General Contractor is purchasing the Garland roof system materials for this project. Bidders should adjust profit and overhead accordingly as they are not incurring the expense of the materials, but will still need to handle the materials and load the roof once the materials arrive to the site.
14. Bidders are reminded that the freight for the General Contractor supplied materials will be paid for by the General Contractor and will not be an expense to the Bidder.
15. Bidders are reminded that sales or use tax on the General Contractor supplied materials will be paid for by the General Contractor and will not be an expense to the Bidder.
16. Bidders are responsible for all materials not supplied by the General Contractor, as well as, the associative costs for freight and sales or use taxes, if applicable.
17. As a general contractor, Garland/DBS can choose to award subcontract based upon any combination of price, qualifications, past performance, schedule and availability. The Owner and Garland/DBS have the right to accept or reject any or all subcontractor quotes for any reason. Prospective subcontractor(s) shall have no legal recourse against the Owner and Garland/DBS for the acceptance or rejection of any subcontractor quote



## 2 Bid Forms

Bidder must completely fill-out the following bid forms and submit them via the following methods:

1. E-mail Bids to: [DBSbids@garlandind.com](mailto:DBSbids@garlandind.com)
2. Fax Bids to: (216) 883-2055
3. Via Web Portal: Garland/DBS Project Center link to be provided

Bidders should use best efforts to identify potential latent or concealed site conditions and provide unit costs for them in the appropriate section of the bid documents as to establish pricing for what may be unforeseen site conditions upfront.

### **PLEASE DOUBLE CHECK YOUR PRICING TO BE AS COMPETITIVE AS POSSIBLE:**

1.  The General Contractor is purchasing the Garland roof system materials for this project.
  - a. Adjust profit and overhead accordingly as you are not incurring the expense of the materials
  - b. Account for the handling, storage and staging of the Garland materials in your price
2.  The General Contractor is responsible for paying the freight associated with the Garland roof system materials.
  - a. Remove any associated freight on Garland material from your price
3.  The General Contractor is responsible for paying the sales or use tax on the Garland roof system materials.
  - a. Do not include sales and use tax , if applicable, for the Garland Roof System Materials in your price
  - b. Include all other materials not supplied by the General Contractor, as well as, the costs, freight, and sales or use taxes associated with them.
4.  The General Contractor is providing Performance and Payment Bonds if the project is awarded.
  - a. Do not include the costs of performance and payment bonds in your price.

## 3 Summary Scope of Work

SECTION 01010

SUMMARY OF WORK

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

A. Attached GENERAL CONDITIONS, BID FORM, Component sections, forms a component part of this section.

#### 1.2 SUMMARY OF WORK

##### A. Village of Oak Park – North Pumping Station Roof Replacement

1. Remove chain link fence and salvage for reinstallation.
  - a. Fencing and electrical conduit to be removed and reinstalled by others, not the roofing contractor.
2. Remove existing roof down to concrete deck.
3. Remove and replace the internal roof drain assembly with new cast iron drain assembly.
4. Apply Garla-Prime VOC to concrete deck at 0.5 gallons per 100 square feet.
5. Install HPR Torch Base over the entire deck as a vapor barrier.
6. Install ¼":12" tapered polyisocyanurate system, average R-30, set in Insul-Lock HR, staggering the joints, to enable positive drainage.
7. Install ½" DensDeck Prime cover board set in Insul-Lock HR.
  - a. Install 4'x4' ½":12" drain sump detail at internal roof drain.
8. Install HPR Torch Base base sheet over the field of the roof.
9. Install StressPly IV Plus Mineral cap sheet over the field of the roof.
10. Install HPR Torch Base and StressPly IV Plus Mineral to all penetration and perimeter flashing areas.
  - a. Install new wood nailer at perimeter parapet as required for new metal coping cap detail.
    - i. Apply Pro-Stop FR Primer to all exposed wood prior to roofing membrane install.
  - b. At perimeter parapet, install modified base sheet up and over and secure to backside nailer. Install cap sheet to the top of the interior vertical and secure with termination bar and Tuff Stuff MS. Install R-Mer Seal over the top of the parapet and secure to the termination bar and backside nailer.
  - c. Install 4'x6'x1/2" roofing walk pad under weather equipment.
  - d. Extend plumbing stack minimum 12" above the field of the roof prior to installation of new lead boot.
11. Install new 24ga kynar coated galvanized steel metal coping cap detail to the perimeter parapet wall.
12. Apply Garla-Brite to the field and flashings, 1.0 GAL/SQ per coat, 2 coats total, installed in a cross-hatch pattern.
13. Reinstall chain link fence, honoring original layout, ensuring a watertight connection to the parapet wall.
  - a. By others, not the roofing contractor.
14. Reinstall electrical conduit and provide Dura-Blok support.
  - a. By others, not the roofing contractor.



### 1.3 INTENT OF THE SPECIFICATIONS

- A. The intent of these specifications is to describe the material and methods of construction required for the performance of the work. In general, it is intended that the drawings shall delineate the detailed extent of the work. When there is a discrepancy between drawings, referenced specifications, and standards and this specification, this specification shall govern.

### 1.4 PROTECTION

- A. The contractor shall use every available precaution to provide for the safety of the property owner, visitors to the site, and all connected with the work under the Contract.
- B. All existing facilities both above and below ground shall be protected and maintained free of damage. Existing facilities shall remain operating during the period of construction unless otherwise permitted. All access roadways must remain open to traffic unless otherwise permitted.
- C. Barricades shall be erected to fence off all construction areas from operations personnel.
- D. Safety Requirements:
  - 1. All application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements.
  - 2. Comply with federal, state, and local and owner fire and safety requirements.
  - 3. Advise owner whenever work is expected to be hazardous to owner employees and/or operations.
  - 4. Maintain a crewman as a floor guard whenever roof decking is being repaired or replaced and whenever any roofing is being removed.
  - 5. Maintain proper fire extinguisher within easy access whenever power tools, roofing kettles, and torches are being used.
  - 6. ALL SAFETY REQUIREMENTS OF THE BUILDING OWNER MUST BE FOLLOWED. NO EXCEPTIONS WILL BE PERMITTED.

### 1.5 HOUSEKEEPING

- A. Keep materials neat and orderly.
- B. Remove scrap, waste and debris from the project area.
- C. Maintenance of clean conditions while work is in progress and cleanup when work is completed shall be in strict accordance with the “General Conditions” of this contract.
- D. Fire protection during construction.
- E. Follow all requirements established by the building owner.

END OF SECTION



## 4 Prevailing Wage Requirement

This project requires the use of Cook County Prevailing Wages Rates in accordance with the Illinois Prevailing Wage Act (Illinois Compiled Statutes, Chapter 820, par. 130-1 to 130-12).

## 5 Specifications

### SECTION 07 52 00 MODIFIED BITUMINOUS MEMBRANE ROOFING

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Torch Applied 2-Ply Asphalt Roofing. (2.9)(3.8)
- B. Accessories. (2.12)
- C. Edge Treatment and Roof Penetration Flashings. (2.13)(3.9)

##### 1.2 REFERENCES

- A. ASTM C 920 - Standard Specification for Elastomeric Joint Sealants.
- B. ASTM D 41 - Standard Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing.
- C. ASTM D 312 - Standard Specification for Asphalt used in Roofing.
- D. ASTM D 412 - Tensile Test on Rubber and Elastomers.
- E. ASTM D 1863 Standard Specification for Mineral Aggregate Used as a Protective Coating for Roofing.
- F. ASTM D 2178 Standard Specification for Asphalt Glass Felt Used in Roofing and Waterproofing.
- G. ASTM D 2824 Standard Specification for Aluminum-Pigmented Asphalt Roof Coating.
- H. ASTM D 3019 - Standard Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibered, and Fibered.
- I. ASTM D 4586 Standard Specification for Asphalt Roof Cement, Asbestos-Free.
- J. ASTM D 4601 Standard Specification for Asphalt Coated Glass Fiber Base Sheet Used in Roofing.
- K. ASTM D 5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials.
- L. ASTM D 6162 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements.
- M. ASTM D 6163 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements.



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- N. ASTM D 6164 - Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements.
- O. ASTM D 6754 - Standard Specification for Ketone Ethylene Ester (KEE) Sheet Roofing.
- P. ASTM D 6757 - Standard Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing.
- Q. ASTM E 108 - Standard Test Methods for Fire Test of Roof Coverings
- R. Factory Mutual Research (FM): Roof Assembly Classifications.
- S. National Roofing Contractors Association (NRCA): Roofing and Waterproofing Manual.
- T. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) - Architectural Sheet Metal Manual.
- U. Underwriters Laboratories, Inc. (UL): Fire Hazard Classifications.
- V. Intertek/Warnock Hersey (WH): Fire Hazard Classifications.
- W. ANSI-SPRI ES-1 Wind Design Standard for Edge Systems used with Low Slope Roofing Systems.
- X. ASCE 7, Minimum Design Loads for Buildings and Other Structures
- Y. UL - Fire Resistance Directory.
- Z. FM Approvals - Roof Coverings and/or RoofNav assembly database.

1.3 DESIGN / PERFORMANCE REQUIREMENTS

- A. Perform work in accordance with all federal, state and local codes.
- B. Exterior Fire Test Exposure: Roof system shall achieve a UL, FM or WH Class rating for roof slopes indicated on the Drawings as follows:
  - 1. Factory Mutual Class A Rating.
  - 2. Underwriters Laboratory Class A Rating.
  - 3. Intertek/Warnock Hersey Class A Rating.
- C. Design Requirements:
  - 1. Uniform Wind Uplift Load Capacity
    - a. Installed roof system shall withstand negative (uplift) design wind loading pressures complying with the following criteria.
      - 1) Design Code: ASCE 7, Method 2 for Components and Cladding.
      - 2) Importance Category:
        - a) IV
      - 3) Wind Speed: 119 mph
      - 4) Exposure Category:
        - a) C.
      - 5) Design Roof Height: 15 feet.
      - 6) Minimum Building Width: 20 feet.
      - 7) Roof Pitch: 1/4 :12.
      - 8) Roof Area Design Uplift Pressure:
        - a) Zone 1' Interior Field of Roof 22.8 psf -

- b) Zone 1 - Field of roof 35.3 psf
- c) Zone 2 - Eaves, ridges, hips and rakes 44.7 psf
- d) Zone 3 - Corners 58.9 psf
2. Live Load: Not to exceed original building design.
3. Dead Load:
  - a. Installation of new roofing materials shall not exceed the dead load capacity of the existing roof structure.

#### 1.4 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
  1. Preparation instructions and recommendations.
  2. Storage and handling requirements and recommendations.
  3. Installation instructions.
- B. Shop Drawings: Submit shop drawings including installation details of roofing, flashing, fastening, insulation and vapor retarder, including notation of roof slopes and fastening patterns of insulation and base modified bitumen membrane, prior to job start.
- C. Design Pressure Calculations: Submit design pressure calculations for the roof area in accordance with ASCE 7 and local Building Code requirements. Include a roof system attachment analysis report, certifying the system's compliance with applicable wind load requirements before Work begins.
- D. LEED Submittals: Provide documentation of how the requirements of Credit will be met:
  1. List of proposed materials with recycled content. Indicate post-consumer recycled content and pre-consumer recycled content for each product having recycled content.
  2. Product data and certification letter indicating percentages by weight of post-consumer and pre-consumer recycled content for products having recycled content.
  3. Product reflectivity and emissivity criteria to qualify for one point under the LEED credit category, Credit 7.2, Landscape & Exterior Design to Reduce Heat Island - Roof.
- E. Verification Samples: For each modified bituminous membrane ply product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
- F. Manufacturer's Fire Compliance Certificate: Certify that the roof system furnished is approved by Factory Mutual (FM), Underwriters Laboratories (UL), Warnock Hersey (WH) or approved third party testing facility in accordance with ASTM E108, Class A for external fire and meets local or nationally recognized building codes.
- G. Closeout Submittals: Provide manufacturer's maintenance instructions that include recommendations for periodic inspection and maintenance of all completed roofing work. Provide product warranty executed by the manufacturer. Assist Owner in preparation and submittal of roof installation acceptance certification as may be necessary in connection with fire and extended coverage insurance on roofing and associated work.

#### 1.5 QUALITY ASSURANCE

- A. Perform Work in accordance with NRCA Roofing and Waterproofing Manual.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified with documented ISO 9001 certification and minimum of twelve years of documented experience

and must not have been in Chapter 11 bankruptcy during the last five years.

- C. Installer Qualifications: Company specializing in performing Work of this section with minimum five years documented experience and a certified Pre-Approved Garland Contractor.
- D. For torch applications, installer must be NRCA - CERTA trained and must utilize CERTA compliant application methods.
- E. Installer's Field Supervision: Maintain a full-time Supervisor/Foreman on job site during all phases of roofing work while roofing work is in progress.
- F. Manufacturer's Field Supervision: A representative of the roof system manufacturer must be present (insert days here) days per week during the roof system installation.
- G. Product Certification: Provide manufacturer's certification that materials are manufactured in the United States and conform to requirements specified herein, are chemically and physically compatible with each other, and are suitable for inclusion within the total roof system specified herein.
- H. Source Limitations: Obtain all components of roof system from a single manufacturer. Secondary products that are required shall be recommended and approved in writing by the roofing system Manufacturer. Upon request of the Architect or Owner, submit Manufacturer's written approval of secondary components in list form, signed by an authorized agent of the Manufacturer.

#### 1.6 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to commencing Work of this section.
- B. Review installation procedures and coordination required with related Work.
- C. Inspect and make notes of job conditions prior to installation:
  - 1. Record minutes of the conference and provide copies to all parties present.
  - 2. Identify all outstanding issues in writing designating the responsible party for follow-up action and the timetable for completion.
  - 3. Installation of roofing system shall not begin until all outstanding issues are resolved to the satisfaction of the Architect.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging with labels intact until ready for installation.
- B. Store all roofing materials in a dry place, on pallets or raised platforms, out of direct exposure to the elements until time of application. Store materials at least 4 inches above ground level and covered with "breathable" tarpaulins.
- C. Stored in accordance with the instructions of the manufacturer prior to their application or installation. Store roll goods on end on a clean flat surface except store KEE-Stone HP and FB 60 rolls flat on a clean flat surface. No wet or damaged materials will be used in the application.
- D. Store at room temperature wherever possible, until immediately prior to installing the roll. During winter, store materials in a heated location with a 50-degree F (10 degree C)



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minimum temperature, removed only as needed for immediate use. Keep materials away from open flame or welding sparks.

- E. Avoid stockpiling of materials on roofs without first obtaining acceptance from the Architect/Engineer.
- F. Adhesive storage shall be between the range of above 50-degree F (10 degree C) and below 80-degree F (27 degree C). Area of storage shall be constructed for flammable storage.

## 1.8 COORDINATION

- A. Coordinate Work with installing associated metal flashings as work of this section proceeds.

## 1.9 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.10 WARRANTY

- A. Upon completion of the work, provide the Manufacturer's written and signed Warranty, warranting that, if a leak develops in the roof during the term of this warranty, due to defective material or workmanship, the manufacturer shall provide the Owner, at the Manufacturer's expense, with the labor and material necessary to return the defective area to a watertight condition, in accordance with the terms of the Manufacturer's warranty, warranty requirements and limitations.
  - 1. Warranty Period: 30 years from date of acceptance (in accordance with manufacturer's applicable warranty).
- B. Installer is to guarantee all work against defects in materials and workmanship for a period indicated following final acceptance of the Work.
  - 1. Warranty Period:
    - a. 4 years from date of acceptance.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Garland Company, Inc. (The); 3800 E. 91st St., Cleveland, OH 44105. ASD. Toll Free: 800-321-9336. Phone: 216-641-7500. Fax: 216-641-0633. Web Site: www.garlandco.com.
- B. Substitutions: Not permitted.
- C. The Products specified are intended and the Standard of Quality for the products required for this project. If other products are proposed the bidder must disclose in the bid the manufacturer and the products that they intend to use on the Project. If no manufacturer and products are listed, the bid may be accepted only with the use of products specified.
  - 1. Bidder will not be allowed to change materials after the bid opening date.
  - 2. If alternate products are included in the bid, the products must be equal to or exceed the products specified. Supporting technical data shall be submitted to the Architect/Owner for approval prior to acceptance.
  - 3. In making a request for substitution, the Bidder/Roofing Contractor represents that it



Village of Oak Park  
2026 Roof Replacement –  
North Pumping Station

- has:
- a. Personally investigated the proposed product or method, and determined that it is equal or superior in all respects to that specified.
  - b. Will provide the same guarantee for substitution as for the product and method specified.
  - c. Will coordinate installation of accepted substitution in work, making such changes as may be required for work to be completed in all respects.
  - d. Will waive all claims for additional cost related to substitution, which consequently become apparent.
  - e. Cost data is complete and includes all related cost under his/her contract or other contracts, which may be affected by the substitution.
  - f. Will reimburse the Owner for all redesign cost by the Architect for accommodation of the substitution.
4. Architect/ Owner reserves the right to act as the final authority on the acceptance or rejection of any or all bids, proposed alternate roofing systems or materials that have met ALL specified requirement criteria.
  5. Failure to submit substitution package, or any portion thereof requested, will result in immediate disqualification and consideration for that particular contractor's request for manufacturer substitution.

## 2.2 TORCH APPLIED 2-PLY ASPHALT ROOFING

- A. Base (Ply) Sheet:
  1. HPR Torch Base:
- B. Modified Cap (Ply) Sheet: One ply bonded to the prepared substrate with interply adhesive.
  1. StressPly IV Plus Mineral:
- C. Interply Adhesive:
  1. NA
- D. Intumescent primer for wood components at perimeters, flashings and penetrations:
  1. Pro-Stop FR:
- E. Flashing Base Ply:
  1. HPR Torch Base:
  2. SA Base IV: (required)
- F. Flashing Cap (Ply) Sheet:
  1. StressPly IV Plus Mineral:
- G. Flashing Ply Adhesive:
  1. Flashing Bond:
  2. None for torch sheets only.
- H. Surfacing:
  1. Surface Coatings:
    - a. Garla-Brite:

## 2.3 ACCESSORIES:

- A. Roof Insulation: Provide Polyisocyanurate Roof Insulation, ASTM C 1289, Type II Facer On Both Major Surfaces.
  1. Tapered Boards: ¼":12" Slope

2. Tapered Boards: ½":12" Slope
  3. Flat Boards: 1" Thickness
- B. Roof Insulation: Provide G-P Gypsum DenDeck Prime.
1. Thickness: ½"
- C. Vapor Retarder: HPR Torch Base
- D. Urethane Sealant Hybrid - Tuff-Stuff MS
- 2.4 EDGE TREATMENT AND ROOF PENETRATION FLASHINGS
- A. Pitch pans, Rain Collar 24 gauge stainless or 20oz (567gram) copper. All joints should be welded/soldered watertight. See details for design.
- B. Drain Flashings should be 4lb (1.8kg) sheet lead formed and rolled.
- C. Plumbing stacks should be 4lb (1.8kg) sheet lead formed and rolled.
- D. Liquid Flashing - Tuff-Flash Plus LO (A&B)
- E. Fabricated Flashings:
1. Counter Flashings: 24 gauge galvanized, kynar coated steel
  2. Fabricated flashings and trim shall conform to the detail requirements of SMACNA "Architectural Sheet Metal Manual" and/or the CDA Copper Development Association "Copper in Architecture - Handbook" as applicable.
- F. Manufactured Roof Specialties:
1. Coping Cap: 24 gauge galvanized, kynar coated steel
  2. Manufactured roof specialties shall conform to the detail requirements of SMACNA "Architectural Sheet Metal Manual" and/or the NRCA "Roofing and Waterproofing Manual" as applicable.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Inspect and approve the deck condition, slopes and fastener backing if applicable, parapet walls, expansion joints, roof drains, stack vents, vent outlets, nailers and surfaces and elements.
- C. Verify that work penetrating the roof deck, or which may otherwise affect the roofing, has been properly completed.
- D. If substrate preparation and other conditions are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2 PREPARATION

- A. General: Clean surfaces thoroughly prior to installation.
1. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
  2. Fill substrate surface voids that are greater than 1/4 inch wide with an acceptable fill

- material.
3. Roof surface to receive roofing system shall be smooth, clean, free from loose gravel, dirt and debris, dry and structurally sound.
  4. Wherever necessary, all surfaces to receive roofing materials shall be power broom and vacuumed to remove debris and loose matter prior to starting work.
  5. Do not apply roofing during inclement weather. Do not apply roofing membrane to damp, frozen, dirty, or dusty surfaces.
  6. Fasteners and plates for fastening components mechanically to the substrate shall provide a minimum pull-out capacity of 300 lbs. (136 k) per fastener. Base or ply sheets attached with cap nails require a minimum pullout capacity of 40 lb. per nail.
  7. Prime decks where required, in accordance with requirements and recommendations of the primer and deck manufacturer.
- B. Poured reinforced concrete:
1. Shall be smooth, dry, clean, and free of ice/frost, projections, and depressions. Concrete shall be fully cured, and the surface shall be broom cleaned and free of release/curing agents prior to commencement of work.
  2. Prepared concrete surfaces for roofing or insulation by priming with asphalt/concrete primer conforming to ASTM D 41. Apply at a rate of approx. 1 gallon/100 sq. ft. (.4 L/m<sup>2</sup>). All primed areas shall be fully dried before proceeding with the application of the roof system. Hold back bitumen at the joints approximately 4 inches (102 mm) to prevent bitumen drippage.
- C. Torch Applied Vapor Retarder: Install one torch on fiberglass base sheet using a suitable heat source adhere one ply to the entire surface. Shingle in direction of slope of roof to shed water on each area of roof. Intumescent Primer must be applied to all wood components around perimeters, flashings, curbs and penetrations. SA Base IV must be installed around perimeters, flashings, curbs and penetrations.
- D. Insulation: Roof insulation is specified in Section
1. All joints between layers should be staggered when multiple layers of insulation are installed. Insulation greater than 2.5 inches shall be installed in multiple layers.
  2. Insulation shall be kept dry at all times. Install only as much insulation as can be covered with the completed roofing membrane before the end of the day's work or prior to onset of inclement weather.
  3. Edges shall butt tightly, and all cuts shall fit neatly against adjoining surfaces to provide a smooth overall surface. Gaps of greater than 1/4-inch width shall be filled with insulation.
  4. Install tapered insulation around roof drains and penetrations to provide adequate slope for proper drainage.
  5. Mechanically attached insulation shall be fastened in accordance with code and insurance requirements for the applicable geographic zone with the required number and type of fasteners and plates.
  6. When asphalt or cold adhesive attachment is specified, the proposed insulation shall be compatible with the roof substrate, the proposed bitumen and the requirements of the specific membrane.
  7. Hot asphalt application:
    - a. Maximum 4 foot by 4-foot insulation boards shall be attached with hot asphalt.
    - b. Asphalt for insulation attachment shall meet ASTM D 312 Type III or IV criteria, as dictated by the roof slope or other design conditions.
    - c. Expanded polystyrene (EPS) materials shall not be installed with hot bitumen products.

### 3.3 INSTALLATION - GENERAL

- A. Install modified bitumen membranes and flashings in accordance with manufacturer's instructions and with the recommendations provided by the National Roofing Contractors Association's Roofing & Waterproofing Manual, the Asphalt Roofing Manufacturers Association, and applicable codes.
- B. General: Avoid installation of modified bitumen membranes at temperatures lower than 40-45 degrees F. When work at such temperatures unavoidable use the following precautions:
  - 1. Take extra care during cold weather installation and when ambient temperatures are affected by wind or humidity, to ensure adequate bonding is achieved between the surfaces to be joined. Use extra care at material seam welds and where adhesion of the applied product to the appropriately prepared substrate as the substrate can be affected by such temperature constraints as well.
  - 2. Unrolling of cold materials, under low ambient conditions must be avoided to prevent the likelihood of unnecessary stress cracking. Rolls must be at least 40 degrees F at the time of application. If the membrane roll becomes stiff or difficult to install, it must be replaced with roll from a heated storage area.
- C. Commence installation of the roofing system at the lowest point of the roof (or roof area), working up the slope toward the highest point. Lap sheets shingle fashion so as to constantly shed water
- D. All slopes greater than 2:12 require back-nailing to prevent slippage of the ply sheets. Use ring or spiral-shank 1 inch cap nails, or screws and plates at a rate of 1 fastener per ply (including the membrane) at each insulation stop. Place insulation stops at 16 ft o.c. for slopes less than 3:12 and 4 feet o.c. for slopes greater than 3:12. On non-insulated systems, nail each ply directly into the deck at the rate specified above. When slope exceeds 2:12, install all plies parallel to the slope (strapping) to facilitate backnailing. Install 4 additional fasteners at the upper edge of the membrane when strapping the plies.

### 3.4 INSTALLATION TORCH APPLIED 2-PLY ASPHALT ROOFING

- A. Base Ply: Install torch base sheet to a properly prepared substrate. Shingle in proper direction to shed water on each area of roofing. If wood components are present at perimeters, flashings and penetration locations, an intumescent primer must be applied to the wood components prior to the application of the torch applied cap membrane. A self-adhering base sheet, intended for use with torch-applied cap sheets must also be applied around all perimeters, flashings, curbs and penetrations.
  - 1. Lay out the roll in the course to be followed and unroll 6 feet (1.8 m).
  - 2. Using a roofing torch, heat the surface of the coiled portion until the burn-off backer melts away. At this point, the material is hot enough to lay into the substrate. Progressively unroll the sheet while heating and press down with your foot to insure a proper bond.
  - 3. After the major portion of the roll is bonded, re-roll the first 6 feet (1.8 m) and bond it in a similar fashion.
  - 4. Repeat this operation with subsequent rolls with side laps of 4 inches (101 mm) and end laps of 8 inches (203 mm).
  - 5. Give each lap a finishing touch by passing the torch along the joint and spreading the melted bitumen evenly with a rounded trowel to insure a smooth, tight seal.
  - 6. Extend underlayment 2 inches (50 mm) beyond top edges of cants at wall and projection bases.
  - 7. Install base flashing ply to all perimeter and projections details.

- B. Modified Cap (Ply) Sheet: Over torch base sheet underlayment, lay out the roll in the course to be followed and unroll 6 feet (1.8 m). Stagger seams over the torch base sheet seams.
1. Using a roofing torch, heat the surface of the coiled portion until the burn-off backer melts away. At this point, the material is hot enough to lay into the substrate. Progressively unroll the sheet while heating and press down with your foot to ensure a proper bond.
  2. After the major portion of the roll is bonded, re-roll the first 6 feet (1.8 m) and bond it in a similar fashion.
  3. Repeat this operation with subsequent rolls with side laps of 4 inches (101 mm) and end laps of 8 inches (203 mm).
  4. Give each lap a finishing touch by passing the torch along the joint and spreading the melted bitumen evenly with a rounded trowel to ensure a smooth, tight seal.
- C. Fibrous Cant Strips: Provide non-combustible perlite or glass fiber cant strips at all wall/curb detail treatments where angle changes are greater than 45 degrees. Cant may be set in approved cold adhesives, hot asphalt or mechanically attached with approved plates and fasteners.
- D. Wood Blocking, Nailers and Cant Strips: Provide wood blocking, nailers and cant strips as specified in Section 06 11 00.
1. Provide nailers at all roof perimeters and penetrations for fastening membrane flashings and sheet metal components.
  2. Wood nailers should match the height of any insulation, providing a smooth and even transition between flashing and insulation areas.
  3. Nailer lengths should be spaced with a minimum 1/8-inch gap for expansion and contraction between each length or change of direction.
  4. Nailers and flashings should be fastened in accordance with Factory Mutual "Loss Prevention Data Sheet 1-49, Perimeter Flashing" and be designed to be capable of resisting a minimum force of 200 lbs/lineal foot in any direction.
  5. All wood blocking, nailers, and cant strips, must be primed with an intumescent primer prior to the application of the base sheet.
- E. Wood Component Intumescent Primer: Intumescent primer shall be applied to all wood components within perimeter conditions, flashing and penetrations, such as wood nailers, blocking sheathing, etc.
1. Before and during primer application, the substrates' surfaces shall be dry, clean and free from loose debris, dust, dirt, grease, oil, and all prior coating materials, such as paint, stains and sealers. The substrate shall not have, nor have been exposed to, treatments, chemicals, coatings, etc. prior to the application of the primer
  2. Prior to application of primer, moisture content of the substrate must be verified to less than 16%
  3. Apply intumescent at a rate of 1/2 gallon per 100 square feet (200 square feet per gallon)
  4. Allow primer to cure prior to application of the base sheet and/or flashing plies.
- F. Metal Work: Provide metal flashings, counter flashings, parapet coping caps and thru-wall flashings as specified in Section 07 62 00 or Section 07 71 23. Install in accordance with the SMACNA "Architectural Sheet Metal Manual" or the NRCA Roofing Waterproofing manual.
- G. Termination Bar: Provide a metal termination bar or approved top edge securement at the terminus of all flashing sheets at walls and curbs. Fasten the bar a minimum of 8 inches (203 mm) o/c to achieve constant compression. Provide suitable sealant at the top edge if required.

- H. Flashing Base Ply: Seal all curb, wall and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.
1. Prepare all walls, penetrations, expansion joints, and other surfaces to be flashed with asphalt primer at the rate of 100 square feet per gallon. Allow primer to dry tack free.
  2. Adhere modified flashing base to the underlying base flashing ply with specified flashing ply adhesive. Nail off at a minimum of 8 inches (203 mm) o.c. from the finished roof at all vertical surfaces.
  3. Solidly adhere the entire sheet of flashing membrane to the substrate. Tops of all flashings that are not run up and over curb shall be secured through termination bar 6 inches (152 mm) o.c. and sealed at top.
  4. Coordinate counter flashing, cap flashings, expansion joints, and similar work with modified bitumen roofing work.
  5. Coordinate roof accessories, miscellaneous sheet metal accessory items, including piping vents and other devices with the roofing system work. When using mineralized cap sheet all stripping plies type IV felt / VersiPly 40 shall be installed prior to cap sheet installation.
- I. Flashing Cap Ply: Install flashing cap sheets by the same application method used for the base ply.
1. Seal curb, wall, and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.
  2. Prepare all walls, penetrations, expansion joints and where shown on the Drawings to be flashed with required primer at the rate of 100 square feet per gallon. Allow primer to dry tack free.
  3. Adhere to the underlying base flashing ply with specified flashing ply adhesive unless otherwise specified. Nail off at a minimum of 8 inches (203 mm) o.c. from the finished roof at all vertical surfaces.
  4. Coordinate counter flashing, cap flashings, expansion joints and similar work with modified bitumen roofing work as specified.
  5. Coordinate roof accessories, miscellaneous sheet metal accessory items with the roofing system work.
  6. All stripping shall be installed prior to flashing cap sheet installation.
  7. Heat and scrape granules when welding or adhering at cut areas and seams to granular surfaces at all flashings.
  8. Secure the top edge of the flashing sheet using a termination bar only when the wall surface above is waterproofed or nailed 4 inches o.c. and covered with an acceptable counter flashing.
  9. Seal all vertical laps of cap flashing ply with a three-course application of trowel-grade mastic and fiberglass mesh.
- J. Roof Walkways: Provide walkways in areas indicated on the Drawings.

### 3.5 INSTALLATION EDGE TREATMENT AND ROOF PENETRATION FLASHING

- A. Fabricated Flashings:
1. Fabricated flashings and trim shall conform to the detail requirements of SMACNA "Architectural Sheet Metal Manual" and/or the Copper Development Association "Copper in Architecture - Handbook" as applicable.
- B. Manufactured Roof Specialties:
1. Manufactured roof specialties shall conform to the detail requirements of SMACNA

"Architectural Sheet Metal Manual" and/or the National Roofing Contractor's Association "Roofing and Waterproofing Manual" as applicable.

- C. Coping Cap:
1. Minimum flashing height is 8 inches (203 mm) above finished roof height. Maximum flashing height is 24 inches (609 mm). Prime vertical wall at a rate of 100 square feet per gallon and allow to dry.
  2. Set cant in bitumen. Run all field plies over cant a minimum of 2 inches (50 mm).
  3. Attach tapered board to top of wall.
  4. Install base flashing ply covering entire wall and wrapped over top of wall and down face with 6 inches (152 mm) on to field of roof and set in cold asphalt. Nail membrane at 8 inches (203 mm) o.c.
  5. Install a second ply of modified flashing ply in bitumen over the base flashing ply, 9 inches (228 mm) on to the field of the roof. Apply a three-course application of mastic and mesh at all seams and allow to cure and aluminize.
  6. Install continuous cleat and fasten at 6 inches (152 mm) o.c. to outside wall.
  7. Install new metal coping cap hooked to continuous cleat.
  8. Fasten inside cap 24 inches (609 mm) o.c. with approved fasteners and neoprene washers through slotted holes, which allow for expansion and contraction.
- D. Roof Drain:
1. Plug drain to prevent debris from entering plumbing.
  2. Taper insulation to drain minimum of 24 inches (609 mm) from center of drain.
  3. Run roof system plies over drain. Cut out plies inside drain bowl.
  4. Set lead/copper flashing (30-inch square minimum) in 1/4-inch bed of mastic. Run lead/copper into drain a minimum of 2 inches (50 mm). Prime lead/copper at a rate of 100 square feet per gallon and allow to dry.
  5. Install base flashing ply (40-inch square minimum) in bitumen.
  6. Install modified membrane (48-inch square minimum) in bitumen.
  7. Install clamping ring and assure that all plies are under the clamping ring.
  8. Remove drain plug and install strainer.
- E. Plumbing Stack:
1. Minimum stack height is 12 inches (609 mm).
  2. Run roof system over the entire surface of the roof. Seal the base of the stack with elastomeric sealant.
  3. Prime flange of new sleeve. Install properly sized sleeves set in 1/4-inch (6 mm) bed of roof cement.
  4. Install base flashing ply in bitumen.
  5. Install membrane in bitumen.
  6. Caulk the intersection of the membrane with elastomeric sealant.
  7. Turn sleeve a minimum of 1 inch (25 mm) down inside of stack.
- F. Liquid Flashing:
1. Mask target area on roof membrane with tape.
  2. Clean all non-porous areas with isopropyl alcohol.
  3. Apply 32 wet mil base coat of liquid flashing over masked area.
  4. Embed polyester reinforcement fabric into the base coat of the liquid flashing.
  5. Apply 48-64 wet mil topcoat of the liquid flashing material over the fabric extending 2 inches (51 mm) past the scrim in all directions.
  6. Apply minerals immediately or allow the liquid flashing material to cure 15-30 days and then install reflective coating.

### 3.6 CLEANING

- A. Clean-up and remove daily from the site all wrappings, empty containers, paper, loose particles and other debris resulting from these operations.
- B. Remove asphalt markings from finished surfaces.
- C. Repair or replace defaced or disfigured finishes caused by Work of this section.

### 3.7 PROTECTION

- A. Provide traffic ways, erect barriers, fences, guards, rails, enclosures, chutes, and the like to protect personnel, roofs and structures, vehicles and utilities.
- B. Protect exposed surfaces of finished walls with tarps to prevent damage.
- C. Plywood for traffic ways required for material movement over existing roofs shall be not less than 5/8 inch (16 mm) thick.
- D. In addition to the plywood listed above, an underlayment of minimum 1/2 inch (13 mm) recover board is required on new roofing.
- E. Special permission shall be obtained from the Manufacturer before any traffic shall be permitted over new roofing.

### 3.8 FIELD QUALITY CONTROL

- A. Inspection: Provide manufacturer's field observations at start-up and at intervals of approximately 30 percent, 60 percent, and 90 percent completion. Provide a final inspection upon completion of the Work.
  - 1. Warranty shall be issued upon manufacturer's acceptance of the installation.
  - 2. Field observations shall be performed by a Sales Representative employed full-time by the manufacturer and whose primary job description is to assist, inspect and approve membrane installations for the manufacturer.
  - 3. Provide observation reports from the Sales Representative indicating procedures followed, weather conditions and any discrepancies found during inspection.
  - 4. Provide a final report from the Sales Representative, certifying that the roofing system has been satisfactorily installed according to the project specifications, approved details and good general roofing practice.

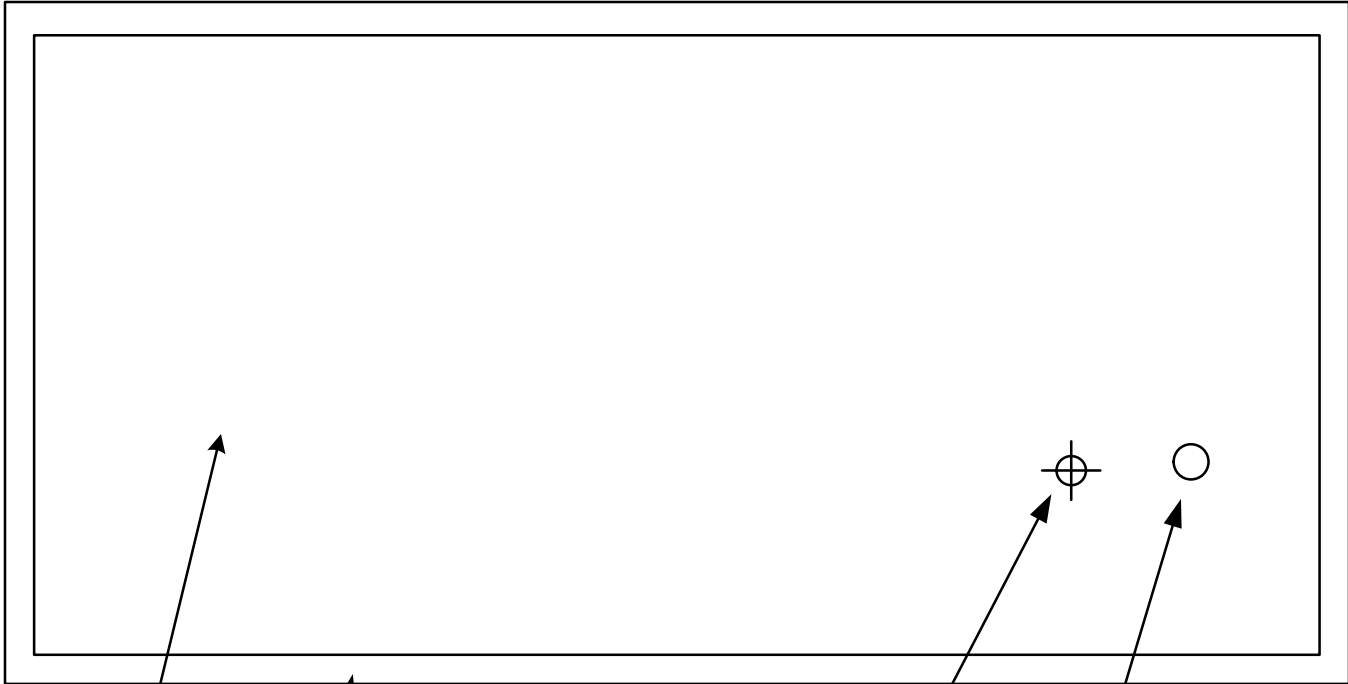
END OF SECTION



**Village of Oak Park  
2026 Roof Replacement –  
North Pumping Station**

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## **6 Drawings, Details**



1

2

3

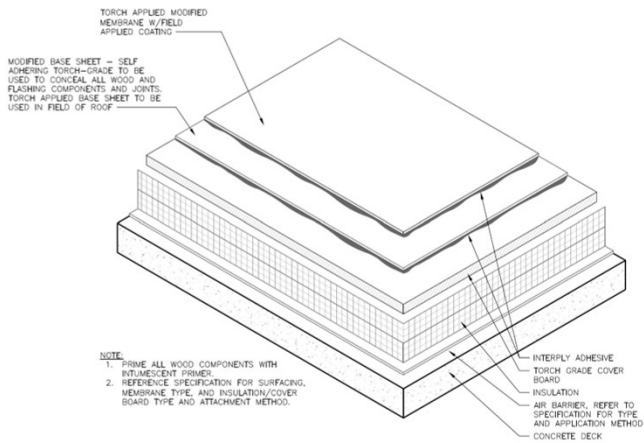
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JOB NUMBER:	DWG BY:	MDL
	SHEET:	OF
	SCALE:	NS
	DATE:	1/28/2026

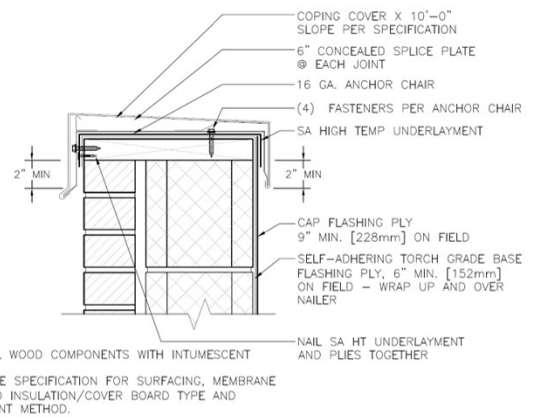
# OAK PARK NORTH PUMPING STATION



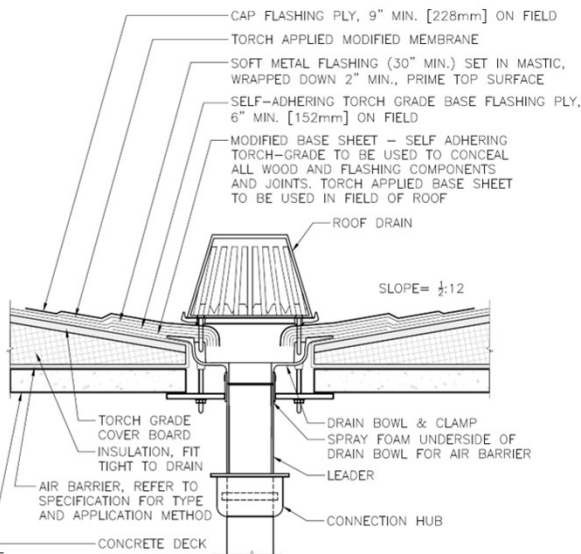
THE GARLAND COMPANY INC.  
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197  
PHONE (800) 521-9336 / FAX (216) 641-0633



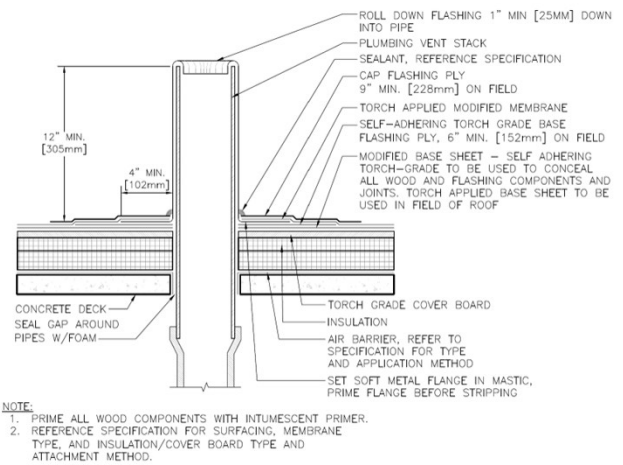
1 TYPICAL FIELD COATED



2 COPING CAP



3 ROOF DRAIN



4 PLUMBING STACK

JOB NUMBER:	DWG BY: MDL
	SHEET: OF
	SCALE: NS
	DATE: 1/28/2026

OAK PARK  
NORTH PUMPING STATION



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3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197  
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## Preliminary Pressure Calculations

Date: 1/31/2026 NBUBNICK 7.6  
 Sales Rep: Matt Lemere  
 City: Oak Park  
 State: IL

Project Name: Oak Park North Pumping Station Roof Replacement  
 Roof Sections: North Pumping Station

Design Code	ASCE 7-16	ASD
Exposure Category	C	
Risk Category	IV	
Wind Speed	119	mph
Design Roof Height:	15	ft
Minimum Building Width:	20	ft
Roof Pitch (X, Y)	0.25 : 12	
Roof Angle	1.19	deg
Parapet ≥ 36" Entire Roof	No	

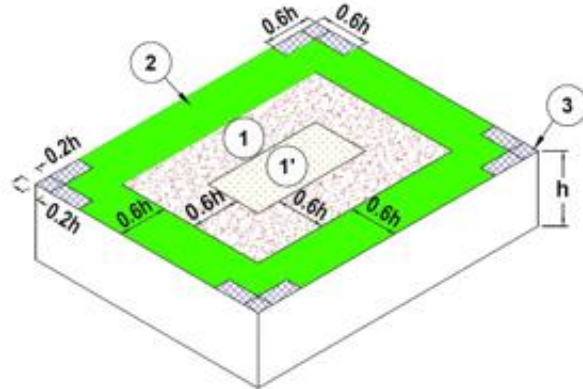
Base Velocity Pressure	15.7	psf	Gcpi = 0.55
Roof Type	Gable		
Edge Zones			
Zone 1 width =	9'-0"		
Zone 2 width =	9'-0"		
Zone 3 width =	3'-0"		
Zone 3 length =	9'-0"		
	=		
	=		

Deck Type: Concrete

Notes:



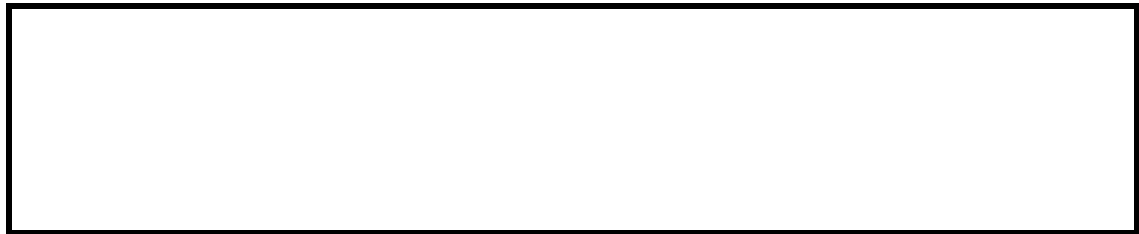
Zone Image



**Zone Pressures (psf)**

Zone 1'	Zone 1	Zone 2	Zone 3			Wall Perimeter	Wall Corner
22.8	35.3	44.7	58.9			23.3	27.5

Notes:





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## Coping

Date	1/31/2026
Sales Rep	Matt Lemere
City	Oak Park
State	IL

Project Name	Oak Park North Pumping Station Roof Replacement
Roof Sections	North Pumping Station

## ANSI/SPRI ES-1 COPING PRELIMINARY DESIGN

### Project Data

Design Wind Speed:	119.00	mph
Roof Eave Height:	15.00	feet
	+	
Tallest Parapet:	0.00	feet
Metal Edge Eave Height:	15.00	feet
Exposure Category:	C	
Importance Classification:	IV	

### Design Wind Pressure ASCE 7-16 ASD

Basic Velocity Pressure:	15.69	psf
Horizontal Design Pressure:	27.54	psf
Vert. Design Pressure:	58.86	psf

### ES-1 Tested Coping System

Product Designation: ES-C24-20-60-16

System Description: R-Mer Edge Snap on Coping 16" x 24 Ga w/ 20 GA Anchor Chairs at 60" o.c.

Maximum Tested Front Load:	46.9	psf
Max. Vertical Front Dim.:	6	inches
Maximum Tested Top Load:	100	psf
Max. Vertical Width:	16.00	inches
Maximum Tested Rear Load:	58.7	psf
Max. Vertical Rear Dim.:	4.00	inches



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Fascia

Date	1/31/2026
Sales Rep	Matt Lemere
City	Oak Park
State	IL

Project Name	Oak Park North Pumping Station Roof Replacement
Roof Sections	North Pumping Station

## ANSI/SPRI ES-1 FASCIA PRELIMINARY DESIGN

### Project Data

Design Wind Speed:	119	mph
Roof Eave Height:	15.00	feet
	+	
Tallest Parapet:	0.00	feet
Metal Edge Eave Height:	15.00	feet
Exposure Category:	C	
Importance Classification:	IV	

### Design Wind Pressure ASCE 7-16 ASD

Basic Velocity Pressure:	15.69	psf
Horizontal Design Pressure:	27.54	psf

### ES-1 Fascia Load

Vertical Face Dimension:	7.25	inches
Fascia Design Load:	46.00	psf

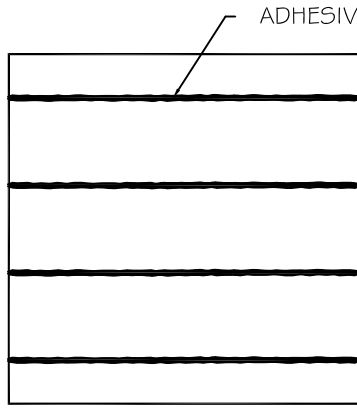
### ES-1 Tested Fascia System

Product Designation: MEA-RMF-Fascia725-Z24

System Description: R-Mer Force Fascia 7.25" x 24 GA w/ RMEBF-700 Base Frame

Maximum Tested Load:	320	psf
Max. Vertical Face Dim.:	7.25	inches

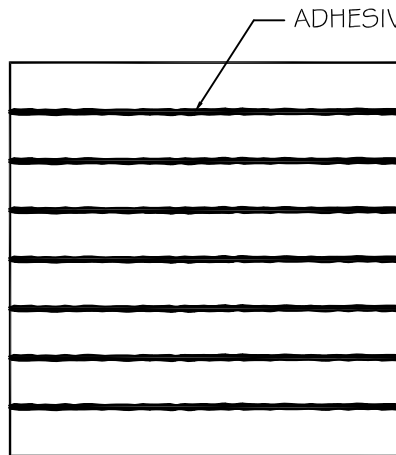
TYPICAL ZONE 1 INSULATION BOARD ADHESIVE PATTERN: 12" OC BEADS PER BOARD



ADHESIVE RIBBON ENLARGED FOR CLARITY

4 ADHESIVE RIBBONS  
EQUALLY SPACED AT  
12" (30.5cm) O.C. (TYP.)

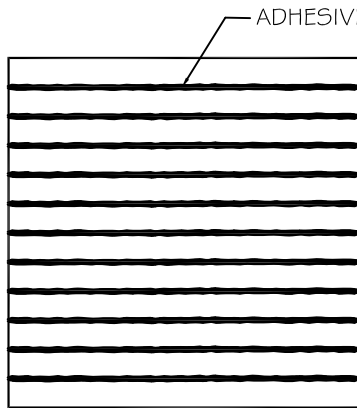
TYPICAL ZONE 2 INSULATION BOARD ADHESIVE PATTERN: 6" OC BEADS PER BOARD



ADHESIVE RIBBON ENLARGED FOR CLARITY

7 ADHESIVE RIBBONS  
EQUALLY SPACED AT  
6" (15.2cm) O.C. (TYP.)

TYPICAL ZONE 3 INSULATION BOARD ADHESIVE PATTERN: 4" OC BEADS PER BOARD



ADHESIVE RIBBON ENLARGED FOR CLARITY

11 ADHESIVE RIBBONS  
EQUALLY SPACED AT  
4" (10.2cm) O.C. (TYP.)

CONFIRM FM APPROVALS FOR ADHESIVE PATTERNS  
TO APPROVED DECKS, INSULATIONS, AND SYSTEM  
TYPES WITH GARLAND ENGINEERING SERVICES



since 1895

THE GARLAND COMPANY, INC.

GARLAND CANADA, INC.

THE GARLAND COMPANY UK, LTD

DETAIL:

4 X 4 BOARD PATTERN

SECTION:

INSULATION BOARD ADHESIVE PATTERN



## 7 Material Data Sheets

## OVERVIEW & FEATURES

Flashing Bond is a cold-applied, trowel-grade mastic designed for use as a patching and leak repair material on asphalt roofing systems. It contains high-solids content asphalt, additional fiber reinforcement and plasticizing oils that improve low temperature performance.

**Factory Formulation Ensures Uniform Quality** - Flashing Bond is factory formulated under rigid quality control conditions to ensure uniform product quality. This eliminates the variables inherent on the job site preparation of roof materials where quality control depends on the individual roofer's expertise.

**Versatile** - Flashing Bond is a multi-purpose material ideal for installing or maintaining flashings, sealing metal roof or gutter leaks and repairing holes, splits or blisters in the roof mat.

**Long Lasting Performance** - Flashing Bond is double-reinforced to outlast and outperform conventional roof cement. Long strand fibers provide inherent reinforcement and eliminate run or sag in vertical surface applications. Flashing Bond should be used in conjunction with Gar-Mesh® as the reinforcing membrane for the roof repair, which will reinforce Flashing Bond as steel rods reinforce concrete.

## APPLICATION

Flashing Bond is ready to use straight from the container. There is no settling or oil separation. In cold weather, store at room temperature to ensure workability. Flashing Bond should be applied to clean dry surfaces.

**Repairs** - Trowel a base coat of Flashing Bond over the area to be repaired. Imbed a strip of Gar-Mesh into the base coat and top dress with Flashing Bond. The top coat should be sufficiently thick so that the weave in the membrane is completely covered (1 gal./7 linear ft. @ 8 in. wide x 1/4 in. deep).

**Flashing System** - As part of a Garland flashing system, Flashing Bond is applied with a multi-ply flashing application beginning with a base ply of Garland two-ply base sheet and followed by one of Garland's StressPly® family of smooth or mineral membranes as cap sheet. The result is a high performance, multi-ply, modified cold applied flashing system.

Apply Flashing Bond at a rate of 4-6 gal./100 sq. ft. (1.6- 2.4 l/m<sup>2</sup>), per flashing ply with a 1/8" (3 mm) notched trowel. Bleed out at all overlap edges should be visible to ensure complete contact. The flashing should be mechanically secured at the end of each work day.

## PRECAUTIONS

- As with all cold process materials, full cure is dependent on application rate, time and temperatures. Lingering odors are expected until product achieves full cure.
- Do not use this product on coal tar roofs.

# Flashing Bond®

Technical Data	Flashing Bond
<b>Flash Point</b> (ASTM D 93)	103°F (39.4°C) min.
<b>Density @77°F (25°C)</b> (ASTM D 1475)	8.3 lbs./gal. (1 g/cm <sup>3</sup> )
<b>Non-Volatile</b> (ASTM D 4586)	70% min.
<b>Viscosity @77°F (25°C)</b> <b>Mobilometer, 1500 g</b>	Typical 7 sec.
<b>Water Resistance Under Good Drainage Conditions</b>	Excellent
<b>Shelf Life</b>	12 months
<b>Coverage Flashing Install</b>	4–6 gal/sq. (1.6–2.4 l/m <sup>2</sup> )
<b>Flashing Repairs 1/4 in. thickness (6.3 mm thickness)</b>	7 lin. ft./gal. covers 8 in. wide (0.27 m/l covers 20 cm wide)
<b>Shelf Life</b>	1 year
<b>Packaging</b>	3 gallon pail (11.4 l) 5 gallon pail (18.9 l)

Eco-Facts	Flashing Bond
<b>VOC</b>	200 g/L
<b>Recycled Content</b>	
<b>Post Consumer</b>	N/A
<b>Post Industrial</b>	5.6%

Product meets and/or exceeds ASTM D 4586, Type II, Class I

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.



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(Only in Canada)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

Flashing Bond and Gar-Mesh are registered trademarks of The Garland Company, Inc.  
StressPly is a registered trademark of The Garland Company, Inc., Garland Canada Inc. and The Garland Company UK, LTD

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FB 0624

## OVERVIEW & FEATURES

Garla-Brite is a non-fibered, asphalt-based aluminum roof paint. It provides an exceptionally bright finish with excellent covering power. Garla-Brite preserves, beautifies and provides a reflective shield over old and new roof systems, including metal roofs. It can also be used over a wide variety of other surfaces that require protection from heat, solar radiation, rust and corrosion. Garla-Brite meets and exceeds ASTM D 2824 Type I.

**Saves Energy** - A Garla-Brite application reduces under roof temperature by 15 degrees or more. As a result, the work load on the building's air conditioning system is reduced by as much as one ton per 1,500 ft. (139 m<sup>2</sup>) so proper interior temperatures can be maintained at lower costs.

**Reduces Roof Deterioration** - Garla-Brite's aluminum finish reflects the sun's UV rays and reduces their damaging effects on the roof surface. Two coats form a long-lasting metallic shield which preserves and protects the roof surface and the roof system below. The roof lasts longer and requires less maintenance.

**Improves Building Appearance** - Garla-Brite provides a bright, attractive roof surface which improves the building's appearance.

**Economical** - Garla-Brite is formulated to provide maximum per gallon coverage. One gallon (3.8 liters) of Garla-Brite aluminizer covers the same area as 3-4 gallons (11-15 liters) of the standard fibered aluminum coating. Garla-Brite is the ideal top coat for any of Garland's HPR® roofing systems. The second coat should be placed perpendicular to the first coat.

## APPLICATION

Existing roof surface must be completely dry and void of any dirt, debris or foreign materials. Mix Garla-Brite for two minutes with an electric power drill and Jiffy mixer blade to thoroughly blend the product. Remixing is necessary every 15 minutes if contents of bucket is not used.

For surfacing modified bitumen roofs or smooth BUR, grid out area on roof that correlates with Garla-Brite's specified coverage rate for one pail of material. Pour out Garla-Brite from the pail and immediately roll product into the marked area with a 1/4" nap smooth roller. Do not overwork material and finish strokes in the same direction for uniform appearance.

For metal surfaces, pouring the coating and spreading with a roller is not recommended. Rather, the coating can be applied by dipping the roller into a tray or trough and rolling onto the metal.

## PRECAUTIONS

- Do not dip and roll from pail.
- Roof surface must be at least six Fahrenheit degrees or three Celsius degrees above the dew point and rising.
- Product application must not be done when rain or other conditions such as fog or heavy dew are possible within a 24-hour period.
- Avoid over working the material which can interfere with the leafing of the aluminum and cause the material to appear bronze or darker than desired.
- Allow 30 days for Garla-Shield or any emulsion to cure prior to application of Garla-Brite.
- Allow 90 days for any approved solvent-based product to cure prior to application of Garla-Brite.
- Allow 5 days for any hot-applied system to cool and age prior to application of Garla-Brite.
- Reference product Safety Data Sheet (SDS) prior to application.
- Coverage rates may vary based on surface condition/ texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc.

# Garla-Brite

Technical Data	Garla-Brite
<b>Flash Point</b> (ASTM D 93)	103°F (39°C) min
<b>Density @77°F (25°C)</b> (ASTM D 1475)	8.51 lbs./gal. (1.02 g/cm <sup>3</sup> )
<b>Typical Drying Time</b> @ 50% RH, 77°F (25°C)	Overnight
<b>Service Temperature</b> <b>Extended Exposure</b>	-20°F to 230°F (-29°C to 110°C)
<b>Non-Volatile</b> (ASTM D 2824)	45% min
<b>Resistance to Sunlight</b>	Excellent
<b>Effects of Weathering</b>	Slow erosion
<b>Wet Film Thickness</b> @ 1 gal. (3.8 l)	16 mils (406.4 microns)
<b>Coverage</b> Smooth or Mineral	0.5-0.75 gal/100 sq. ft. per coat (0.20-0.30 l/m <sup>2</sup> per coat) 2 coat application
<b>Metal Roofs</b>	0.20-0.25 gal/100 sq. ft. per coat (0.08-0.10 l/m <sup>2</sup> per coat) 2 coat application
<b>Shelf life</b>	1 year
<b>Packaging</b>	3 gallon pail (11.4 l) 5 gallon pail (18.9 l)

Eco-Facts	Garla-Brite	
<b>VOC</b>	< 500 g/l	
	<b>Initial</b>	<b>3 Yr. Aged</b>
<b>Reflectance</b>	0.74	0.65
<b>Emittance</b>	0.33	0.33
<b>SRI</b>	77	60

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Garla-Brite and Garland Greenhouse are trademarks of The Garland Company, Inc. ENERGY STAR is a registered trademark of the U.S. government. The ENERGY STAR program represents a voluntary partnership between businesses and organizations and the federal government to promote energy efficiency and environmental activities (Valid in the U.S. Only).

## OVERVIEW & FEATURES

Garla-Prime VOC is a solvent-based asphalt roof primer and conditioner that can restore aged and dry felts to provide a better bonding surface. Garla-Prime VOC provides a suitable bonding surface over metal, concrete, built-up, prepared gravel and modified bitumen roof surfaces. Garla-Prime VOC's penetrating oils help replace the asphaltic oils an existing roof surface has lost through weathering. The oils restore flexibility to the existing roof surface and seal dust that may be present after standard cleaning operations.

**Low VOC & Environmentally Friendly** - Garla-Prime VOC has been formulated to comply with Air Quality Management District regulations. The asphalt base of Garla-Prime VOC meets the requirements of ASTM D41-11.

**Dries Quickly** - Garla-Prime VOC completely dries in approximately 1 hour at 77°F (25°C) at 50% or less humidity, depending on the thickness of application. High humidity, cool temperatures and thicker applications will increase drying time.

**Economical** - Garla-Prime VOC application conserves finishing material by conditioning the surface and eliminating the tendency of the finishing material to absorb into the dried out, existing surface.

**Provides Maximum Adhesion** - Garla-Prime VOC ensures a long-lasting bond between the existing roof surface and the Garland finishing material.

## APPLICATION

All surfaces must be clean, dry and free of dirt or any other contaminants that would interfere with proper adhesion. Any previously failed coating or improperly bonded material must be removed prior to application.

Garla-Prime VOC can be applied between 40-90°F (5°-32.2°C) on warm, dry surfaces. Application should only occur when weather conditions will permit a full cure before exposure to rain, dew, or low temperatures.

Garla-Prime VOC may be applied by brush, roller, or spray at 0.5 - 1.0 gal./100 sq. ft. (0.20-0.30 l/m<sup>2</sup>). Avoid over-application and build-up of primer. Brush or roll out any excess material immediately after application.

## PRECAUTIONS

- Wet mil thickness will adversely affect dry time
- Always store material between 50°-100°F (10°-37.8°C)
- Coverage rates may vary based on surface condition/ texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc.

# Garla-Prime VOC

Technical Data	Garla-Prime VOC
<b>Flash Point</b> (ASTM D 93)	100°F (37.5°C) min
<b>Density @77°F (25°C)</b> (ASTM D 2939)	7.5 lbs./gal. (.899 g/cm <sup>3</sup> )
<b>Non-Volatile</b> (ASTM D 4479)	Typical 62%
<b>Viscosity @ 77°F (25°C)</b> Zahn Cup #2	18-21 sec
<b>Shelf life</b>	1 year
<b>Coverage</b>	0.5-1 gal/100 ft.2 (0.20-0.41 l/m <sup>2</sup> )
<b>Packaging</b>	5 gallon pail (18.9 l)

Eco-Facts	Garla-Prime VOC
<b>VOC</b>	< 350 g/l

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

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Garla-Prime VOC are trademarks of The Garland Company, Inc.

## OVERVIEW

Green-Lock Sealant XL is a single component, high performance, 100% solids, interior and exterior hybrid polymer joint sealant designed for difficult sealing applications throughout the building envelope. Green-Lock Sealant XL is the perfect sealant for both moving and non-moving joint applications.

Green-Lock Sealant XL bonds tenaciously to asphalt modified bitumen sheets, concrete, metal (including Kynar® coated metal), PVC, brick, EIFS, stone, untreated lumber and EPDM membranes. It can also be used to seal aluminum, steel, ceramics, extruded polystyrene (XPS) insulation and glass.

**VOC Compliant** – Green-Lock Sealant XL is 100% solids, meaning it has very low odor and will not shrink once cured.

**Strong & Flexible** – Bonds tenaciously to metal, masonry and wood.

**Movement Capability** – Produces 550% elongation to accommodate the most severe amounts of building movement.

**Low Temperature Flexibility** – Maintains its physical properties down to -40°F (-40°C).

**No Slump** – Experiences no slump and stays on the surface that it is adhered; can be used for overhead applications.

## APPLICATION

Green-Lock Sealant XL is ready to use in its standard 20 fl. oz. (600 ml) sausage. There is no settling or separation with Green-Lock Sealant XL. During cold weather, store product inside at room temperature to aid in workability. Ensure all surfaces are clean and free from debris prior to application. Apply to either surface, then apply gentle pressure to form the bond. It is recommended to not exceed a 2 in. wide bead for applications and at that width, do not exceed 1 in. in depth. Do not apply at temperatures below 40° F (4°C).

**Surface Preparation** – Surfaces must be dry and free of all contaminants such as oil, grease, wax, dust, corrosion, loose aggregate, and form-release agents.

**Priming** – Never use a substitute for proper surface preparation; priming is not required on most common building materials. However, varieties of brick, natural stone, plastics, paints, EIFS, coatings and other treatments of surfaces often present adherence difficulties. Due to the number and unpredictable nature of these substrates, a field test is recommended to determine the adhesion of Green-Lock Sealant XL.

**Joint Backing** – Backer rods control the depth of the sealant and allow it to be applied under pressure. Use an oversized, closed-cell backer rod sized so that it will compress 25%. In joints too shallow for backer rod, use a polyethylene bond-breaker tape to prevent threesided adhesion. Joints should be masked to ensure a neat appearance. Sealant should be applied in a continuous operation using sufficient pressure to fill the joint and make complete contact to the joint sides. Tool the sealant slightly concave using dry-tooling techniques. Do not tool with soap or detergent and water solutions.

**Cleaning** – Use alcohol or soap and water to remove excess sealant before it cures and to clean equipment. Cured Green-Lock Sealant XL can be removed by cutting and scraping or abrading.

**Storage Life** – Green-Lock Sealant XL has a shelf life of 12 months from date of manufacture when stored in original, unopened sausages at conditions not exceeding 80°F (27°C), 50% R.H. Consistently higher temperatures and/or humidity will shorten this shelf life.

**Tool Time** (initial bond) – 1-2 hours at 77°F (25°C), 50% relative humidity. Higher temperatures and/or humidity will shorten this time.

## PRECAUTIONS

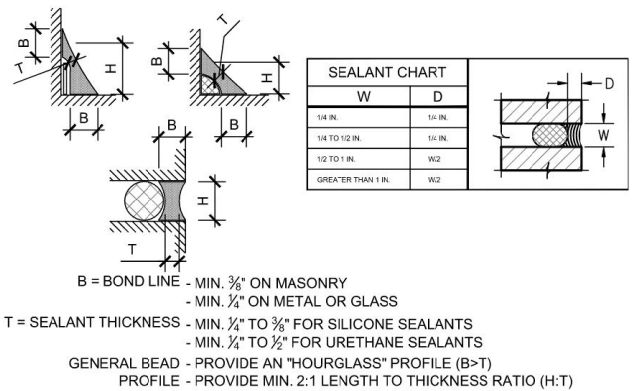
- Avoid skin and eye contact.
- Skin may be cleaned with mineral spirits and then washed thoroughly with soap and water.
- May be harmful if swallowed; do not induce vomiting and call physician immediately.
- Keep away from heat and flames.
- Refer to Safety Data Sheet (SDS).

Technical Data	Green-Lock Sealant XL
<b>Hardness Shore A</b> (ASTM C 661)	24 ± 3
<b>Tack-Free Time</b> (ASTM C 679)	10 minutes
<b>Slump (sag)</b> (ASTM C 697)	0 slump
<b>Shrinkage</b>	No measurable shrinkage after 14 days
<b>Elongation</b>	550%
<b>Low Temperature Flex.</b> Pass ¼ in. mandrel	-20°F (-28.8°C)
<b>Service Temperature</b>	-40°F to 200°F (-40°C to 93°C)
<b>Specific Gravity</b>	1.4 (11.6/gal)
<b>Viscosity @ 70°F (20°C)</b> Brookfield RVF, TF spindle, 4 RPM	812,500+ cPs
<b>Class</b>	50
<b>Odor</b>	Mild fruity smell
<b>Shelf Life</b>	1 year
<b>Color</b>	20 oz sausage: Black, Aluminum Stone, Limestone, Natural Stone, Medium Bronze, Brick Red, Tan, Gray, White
<b>Packaging</b>	20 oz. (600 ml) sausage 12 sausages per case

Eco-Facts	Green-Lock Sealant XL
<b>VOC</b>	<50 g/L

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

Joint Size (depth x width)	20 oz. Sausage
<b>1/4" x 1/4"</b> (0.635cm x 0.635cm)	48' (14.63m)
<b>1/4" x 1/2"</b> (0.635cm x 1.27cm)	24' (7.32m)
<b>3/8" x 3/8"</b> (0.95cm x 0.95cm)	21' (6.40m)
<b>3/8" x 3/4"</b> (0.95cm x 1.91cm)	10.5' (3.20m)
<b>1/2" x 1/2"</b> (1.27cm x 1.27cm)	12' (3.66m)
<b>1/2" x 1"</b> (1.27cm x 2.54cm)	6' (1.83m)
<b>3/4" x 3/4"</b> (1.91cm x 1.91cm)	5' (1.52m)
<b>3/4" x 1.5"</b> (1.91cm x 3.175cm)	3' (0.91m)
<b>1" x 1"</b> (2.54cm x 2.54cm)	3' (0.91m)



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Green-Lock and Garland Greenhouse are registered trademarks of The Garland Company, Inc.  
 Kynar is a registered trademark of Arkema, Inc.



## OVERVIEW & FEATURES

HPR Torch Base Sheet is used as the underlayment ply for any of Garland's torch-applied membranes. It is fully compatible with both APP or SBS modified membranes. HPR Torch Base Sheet is a Styrene-Butadiene-Styrene (SBS) membrane specially formulated to accept the high heat from a torch. It has a burnable polypropylene backer that melts when the proper torching temperature has been reached. The HPR Torch Base Sheet eliminates the use of a kettle and also allows the torch applied system to be installed with a one ply underlayment.

DO NOT USE the HPR Torch Base Sheet with hot asphalt or cold adhesives.

**High Tech Base Sheet** - The HPR Torch Base Sheet has a high percentage of SBS rubber that when fused together with the torch-applied membrane gives the system superior puncture and abrasion resistance. It also has high tensile and elongation characteristics.

**Eliminates the Use of the 2-Ply Underlayment** - Because the HPR Torch Base Sheet is 120 mils (3,048 microns) thick (thicker than 2 plies of Type IV glass in hot asphalt), one ply will be sufficient as the underlayment for torch applied membrane.

**Superior Strength** - The HPR Torch Base membrane is reinforced with a dual fiberglass scrim. The superior strength provided by this reinforcement resists the movement created by today's modern buildings. In addition, HPR Torch Base Sheet provides tensile strength in excess of 200 pounds per inch in the machine direction. This translates to long-term resistance to splits and tears in the completed HPR torch applied roof system.

**Advanced Rubber Technology** - The modifier utilized in HPR Torch Base Sheet is SBS. When the SBS rubber is properly dispersed throughout the high penetration asphalt, the rubber provides increased thermal shock resistance, UV protection, heat resistance, elongation, and low temperature flexibility. To ensure proper dispersion, a special high shear mixer is used in manufacturing.

## APPLICATION

The HPR Torch Base Sheet must be used for heat fusing or mechanical fastening applications only. Heat the HPR Torch Base Sheet until the burnable backer is melted. As this occurs, the SBS coating becomes tacky and is ready to roll in place.

# HPR® TORCH BASE SHEET

## HPR® Torch Base Sheet Technical Data Sheet



Technical Data	HPR Torch Base Sheet
<b>Tensile Strength</b>	MD 210 lbf./in. (36.75 kN/m) XD 210 lbf./in. (36.75 kN/m)
<b>Tear Strength</b>	MD 300 lbf. (1334 N) XD 300 lbf. (1334 N)
<b>Elongation</b>	MD 6.0% XD 6.0%
<b>Low Temperature Flex</b>	-30°F (-34°C)

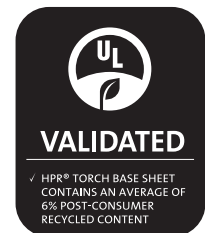
Finished membrane meets and/or exceeds ASTM D 6163, TYPE III  
Test Method ASTM D 5147 is tested at:  
2 in./min. @ 73.4 ± 3.6°F  
(50 MM/MIN. @ 23 ± 2°C)

Roll Dimensions	HPR Torch Base Sheet
<b>Width</b>	3 ft. 3 in. (1m)
<b>Length</b>	34 ft. 8 in. (10.60 m)
<b>Weight</b>	76 lbs. (34.47 kg)
<b>Nominal Thickness</b>	120 mils (3,048 microns)
<b>Net Coverage</b>	100 sq. ft. (9.29 m <sup>2</sup> )
<b>Packaging</b>	25 rolls/pallet

Eco-Facts	HPR Torch Base Sheet
<b>Recycled Content</b>	
<b>Pre-Consumer</b>	—
<b>Post-Consumer</b>	6%

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.

Installation of this product with hot oxidized asphalt may result in exposure to hazardous chemicals. Special care and attention for proper product installation must be followed in all cases. For specific details refer to the NIOSH safe handling practices in publication No. 2003-107, as well as OSHA standard 1910.134 for further exposure precautions.



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## OVERVIEW & FEATURES

Insul-Lock HR is a highly elastomeric, one step, VOC compliant, high rise roof insulation adhesive that contains no solvents and sets in minutes. Insul-Lock HR is designed to give you the benefits of a two component insulation adhesive without the errors of improper mixing. Insul-Lock HR was designed for bonding approved roof insulations to a building's structural roof deck, base sheets, other insulation boards, smooth and mineral roof systems or properly prepared coal tar and asphalt graveled built-up roof surfaces.

**Ease of Installation** – Insul-Lock HR is an easy-to-apply, self contained, two-component insulation adhesive that does not require manual or mechanical mixing. Mixing is done through a static mixing tip. Simply apply Insul-Lock HR in 1/4 in. – 1/2 in. (0.64 cm – 1.27cm) wide beads 12 in. o.c. per 4 ft. x 4 ft. insulation board. Simply place, do not slide, the boards into the adhesive.

**High-Rise** – Insul-Lock HR provides an alternate attachment method for the application over gravel roofs. Insul-Lock HR will rise to adhere insulation board to properly prepared gravel roof systems, eliminating the labor cost involved in fastening to all types of decks.

**No Deck Penetration/No Fastener Backout** – Leaving the deck completely intact lessens the possibility of structural damage and moisture entry while preventing the disruption of interior operations. Eliminating fasteners not only prolongs the life of the waterproofing system, but it also eliminates the potential for thermal bridging and a future cause of leaks.

**Versatile and Low Odor** – Insul-Lock HR is compatible with a variety of insulation types that are listed on the back. It provides a fast set in a variety of temperatures. The low odor nature of this product makes it a perfect fit for sensitive environments, such as schools and hospitals and a must for all environmentally conscious facilities. Insul-Lock HR is a VOC compliant solution that will not disrupt building occupants.

## APPLICATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils, loose gravel, unadhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven.

Prior to the application of Insul-Lock HR over gravel or mineral re-cover applications, be sure to remove all gravel or debris before applying Insul-Lock HR Universal Primer at a rate of 150 – 250 sq. ft. (13.94 – 23.22 m<sup>2</sup>) per gallon.

Insul-Lock HR in new construction or mineral re-cover applications is applied at a rate of 600 sq. ft. (55.74 m<sup>2</sup>) per case. Over irregular surfaces, the coverage rate will vary and may be reduced to 300 – 400 sq. ft. (27.87 – 37.16 m<sup>2</sup>) per case. Perimeters and corners require more adhesive, see application guide.

Snap off the molded cap on the top of the adhesive cartridge and screw on the mixing tip. Attach a mixing tip to the threaded mixing head. Place the cartridge into the appropriate Insul-Lock HR applicator.

Apply Insul-Lock HR adhesive directly to the substrate, using a ribbon pattern. Space 1/4 in. – 1/2 in. (0.64 cm – 1.27cm) wide beads, 12 in. o.c. (30.5 cm), to achieve proper coverage rates for insulation attachment. As Insul-Lock HR adhesive is applied, immediately place insulation board into wet adhesive. Do not allow the adhesive to skin over. Eliminate uneven surfaces to ensure positive contact between the insulation board and substrate. Unused material can be applied at a later date by simply plugging the cartridges (with provided half moon plugs) and using a new Insul-Lock HR cartridge tip.

## STORAGE

**Insul-Lock HR should be stored at room temperature 65°F to 85°F (18°C to 29°C) for at least 24 hours prior to using the product.**

## SHELF LIFE

Insul-Lock HR Insulation Adhesive has a shelf life of 12 months.

## PRECAUTIONS

- Do not apply to a wet surface.
- Not recommended for use with insulation boards larger than 4 ft. x 4 ft. (1.22 m x 1.22 m).
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.
- Do not apply Insul-Lock HR Adhesive over a smooth or sanded APP or single-ply roof surface.



Technical Data	Insul-Lock HR
<b>Tensile Strength</b> (ASTM D 412)	250 psi
<b>Density</b> (ASTM D 1875)	8.5 lbs./gal.
<b>Viscosity</b> (ASTM D 2556)	22,000 – 60,000 cP
<b>Peel Strength</b> (ASTM D 903)	17 lb./in.
<b>Flexibility</b> (ASTM D 816)	Pass @ -70°F (-56.7°C)
<b>Shelf Life</b>	12 months
<b>Packaging</b>	4 – 50.7oz. (1.5l) Cartridges/Case 600 sq. ft. (55.74 m <sup>2</sup> ) case

### COVERAGE

Existing Roof Surface	Board Size	Bead Size
<b>Smooth</b> 600 sq. ft. (55.74 m <sup>2</sup> )/Case	4x4	1/4 in. – 1/2 in. (0.64 – 1.27 cm) beads 12 in. (30.5 cm) o.c.
<b>Irregular</b> 300–400 sq. ft./case (27.87 – 37.16 m <sup>2</sup> ) Coverage rates may vary	4x4	1/4 in. – 1/2 in. (0.64 – 1.27 cm) beads 12 in. (30.5 cm) o.c.

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

### APPROVED DECKS AND INSULATION

#### Decks

- Structural concrete
- Gypsum with nailed base sheet
- Tectum with nailed base sheet
- Steel
- Lightweight concrete with nailed base sheet
- Treated wood with nailed base sheet

#### Insulation

- Wood Fiber
- Polyisocyanurate
- Perlite (min. 3/4 in.)
- SecuRock
- Dens Deck
- Polystyrene

Please see the most current Factory Mutual RoofNav for the most up to date system approval.

Eco Facts	Insul-Lock HR
<b>VOC</b>	0 g/L



The GreenLock Membrane Adhesive product is protected by U.S. Patent #7,772,301.

For more information, visit us at: [www.garlandco.com](http://www.garlandco.com)

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(Only in Canada)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

Garland Greenhouse and Insul-Lock are trademarks of The Garland Company, Inc.

# Pro-Stop™ FR

Intumescent Primer



## OVERVIEW & FEATURES

Pro-Stop FR is a water-based, non-corrosive intumescent primer used on the wood components of Garland roof assemblies. When applied to flammable substrates then exposed to high temperatures and flame the primer swells up and creates a char-barrier helping to prevent further spread of the fire and smoke. Pro-Stop FR also serves as a non-prescriptive thermal barrier and provides a Class III Vapor Retardancy.

## APPLICATION

**Surface Preparation** - Before and during primer application, the substrates' surfaces shall be dry, clean and free from loose debris, dust, dirt, grease, oil, and all prior coating materials, such as paint, stains and sealers. The substrate shall not have, nor have been exposed to, treatments, chemicals, coatings, etc. prior to the application of Pro-Stop FR.

**Mixing & Storage** - Pro-Stop FR must be thoroughly mixed before use. Mix with a Jiffy Mixer blade for a mixing time of 5 minutes per pail. Use the product as is: DO NOT DILUTE. If the primer is mixed more than 24 hours prior to use, mix it again utilizing the same protocol.

Store Pro-Stop FR between 40°F and 90°F (4.4°C and 32.2°C) and keep out of direct sunlight.

**Application** - Before installing Pro-Stop FR, the applicator shall verify the moisture content of the substrate with a moisture meter. Substrate moisture content should be less than 16% prior to installation. Furthermore, Pro-Stop FR shall be applied to areas within the roofing membrane or surfaces not exposed to weather, where the substrates' inservice dry-use moisture content conditions are expected to be at or less than recommended. Do not leave Pro-Stop FR surfaces exposed to the elements once installed.

Surface and ambient temperatures before and during application shall be 40°F (4.4°C) minimum and shall not exceed 100°F (37.7°C). The primer may be sprayed (airless sprayer) or installed by roller or brush at an application rate of 8 wet mils or 200 sf/gal. For verification of the wet applied thickness, a standard painter's thickness gauge shall be used during the application. The finished dry mil thickness will be 0.40-0.70 times the wet mil thickness.

Dry time is typically 60-90 minutes and cure time is 24 hours minimum, depending on the ambient temperature and relative humidity conditions. Allow Pro-Stop FR to dry completely before installing additional roofing materials.

**Equipment** - Spray equipment must be capable of producing a minimum or 3,300 psi and recommended tip orifice sizes are .025-.027. Removal of filter from both the spray gun and pump to allow for the passage of solid content is recommended. Airless sprayer hoses are recommended to have an inside diameter of ¼" or larger. Variations in spray pattern width and tip size may be required depending on the surface area and the substrate to which the primer is being applied. Cleanup of equipment may be with water or other methods recommended by the equipment manufacturer.

## PRECAUTIONS

- Do not apply when the ambient temperature is below 40°F (4.44°C) or above 95°F (35°C).
- Wear respiratory protection if material is used in a confined space.
- Refer to SDS for more information.
- Must be used over a properly prepared surface.

# Pro-Stop™ FR

Technical Data	Pro-Stop FR
<b>Color</b>	White
<b>Dry Time</b>	60-90 minutes
<b>Density @ 77°F</b> (ASTM D1475)	11 lbs./gal.
<b>Cure Time</b>	24 hours
<b>Non-Volatile by Volume</b> (ASTM D1644)	62%
<b>VOC</b> EPA Method 24	18 g/L
<b>Shelf Life</b> Unopened Container	24 months
<b>Boiling Point</b>	212°F (100°C)
<b>Coverage</b>	1/2 gal/sq. (0.21 l/m <sup>2</sup> ) 200 sf/gal (8 wet mils)
<b>Packaging</b>	5 gallon pails (18.9 L)

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.

For more information, visit us at: [www.garlandco.com](http://www.garlandco.com)

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

## OVERVIEW & FEATURES

R-Mer Seal is a self-adhering high-temperature metal roofing underlayment. It is composed of a durable, non-slip, cross-laminated polymer film laminated to a high-temperature rubberized asphalt adhesive. A split release film protects the adhesive on the back side of the membrane and prevents the roll from sticking to itself during storage and handling.

R-Mer Seal is engineered for use as a continuous secondary waterproofing underlayment under Garland's metal roof systems. R-Mer Seal can also be used in valleys, ridges, penetrations and at eaves for protection against ice dams and wind driven rain. It can also serve as an underlayment for asphalt shingles, coping caps, and edge metal applications.

**Aggressive Adhesion** – R-Mer Seal is formulated with high temperature rubberized asphalt for reliable protection. R-Mer Seal exhibits superior adhesion to the roof deck and strong lap strength, ensuring long-term watertight protection. Quality-controlled manufacturing ensures uniform film thickness throughout each roll.

**Flexible & Self-Healing** – The rubberized adhesive compound yields a flexible membrane with excellent elongation capabilities and tensile strength to accommodate the expansion and contraction of the substrate. The rubberized adhesive layer also exhibits self-healing capabilities and accommodates the use of fasteners, staples, nails, and screws while maintaining a watertight seal.

**Easy Installation** – The peel and stick application and overlap guidelines make installation fast and easy. R-Mer Seal's cross-laminated polymer film provides an excellent slip-resistant surface for installers.

**High-Temperature Rating** – R-Mer Seal is able to withstand the elevated temperatures of a rooftop environment without degrading or losing its waterproofing capabilities.

## APPLICATION

R-Mer Seal adheres to metal, plywood, OSB, rigid vinyl, polyisocyanurate insulation and masonry substrates. R-Mer Seal is intended for use on roof decks with slopes of 2:12 and higher.

All surfaces must be in sound condition and free of dirt, debris, or dust. Prime all substrates to be waterproofed with SA Primer™ at a rate of 0.5 gal./100 sq. ft. (0.21 l/m<sup>2</sup>). Primer is not required when adhering to polyisocyanurate insulation.

Apply the membrane in lengths up to 18 feet. Overlap all seams a minimum 3" on the side laps and 6" on the head laps. Roll the seams and overlaps of the membrane with a hand roller to ensure complete adhesion with no voids, wrinkles, or fishmouths. The membrane should not be folded over the roof edge unless covered by a gutter, mechanically fastened every 6" or protected with other flashing materials.

## PRECAUTIONS

- Do not expose to direct sunlight for more than 90 days.
- Store in original packaging and out of direct sunlight
- Must be installed in 50° F (10° C) and rising weather; contact your Garland representative or the Garland Technical Department for recommendations when temperatures are below 50° F (10° C
- R-Mer Seal should not be applied during inclement weather and the installation should not proceed in the event that precipitation is probable during the application
- All substrates, except polyisocyanurate insulation, must be primed with SA Primer
- Do not use over silicone caulking or flexible vinyl gaskets
- Do not install over solvent-based sealants unless fully cured and dry to the touch



Technical Data	R-Mer Seal
<b>Thickness</b> (ASTM D 5147)	45 mils (1.14mm)
<b>Vapor Permeance</b> (ASTM E 96)	<0.02
<b>Flexibility @ -20°F (-28.88°C)</b> (ASTM D 1970)	Pass
<b>Tensile Strength</b> (ASTM D 1970)	MD 32 lbs./in. (0.57 kg/mm) XD 35 lbs./in. (0.62 kg/mm)
<b>Nail Sealability</b> (ASTM D 1970)	Pass
<b>Maximum Temp.</b>	250°F (121.11°C)
<b>Installation Temp.</b>	50-100°F (10-37.7°C)
<b>Color</b>	White
<b>Net Coverage</b>	200 sq. ft. (18.5 m <sup>2</sup> )
<b>Packaging</b>	30 rolls/pallet

Roll Dimensions	R-Mer Seal
<b>Width</b>	3 ft. (0.91m)
<b>Length</b>	73 ft. (22.25 m)
<b>Weight</b>	60 lbs. (27.2 kg)

For specific application recommendations, please contact your local Garland Representative or Garland Technical Department.

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R-Mer is a registered trademark of The Garland Company, Inc. and Garland Canada, Inc. SA Primer is a trademark of The Garland Company, Inc.

## OVERVIEW

StressPly IV Plus membranes are a high strength, polyester/fiberglass reinforced, rubber modified roof membrane designed to be used in torching applications. The 180-195 mil membranes not only offer high strength, but also a high percentage of quality blended Styrene-Butadiene-Styrene (SBS) rubber compound. StressPly IV Plus membranes incorporate a burn-off backer to indicate when proper heat is obtained during application.

StressPly IV Plus membranes can be used in conjunction with Garland's HPR® products as well as with conventional glass base sheets or fiberglass felt underlayment. In addition, StressPly IV Plus membranes can be used as the top ply in a two-ply flashing system. It can also be used to repair splits, cracks or other deteriorated areas of existing modified roof systems.

**Superior Strength & Weatherability** - The StressPly IV Plus membranes are reinforced with a high strength, polyester/fiberglass reinforced scrim. The superior strength provided by the polyester/fiberglass scrim in StressPly IV Plus membranes provide tensile strength in excess of 300 pounds per inch in the machine and cross machine direction. This translates into long-term resistance to splits and tears in the completed StressPly IV Plus roof systems. The high quality SBS rubber polymer in StressPly IV Plus offers unmatched low temperature flexibility, weathering and elastomeric properties.

**Unmatched Reflectivity** - The StressPly IV Plus UV Mineral membrane incorporates the unique Sunburst™ mineral, which provides long-term protection and added energy savings. The superior reflectivity of this mineral protects the StressPly IV Plus UV Mineral membrane from UV damage and decreases under roof temperatures. Sunburst mineral membranes exceed the minimum requirement for LEED SS 7.2 Heat Island Effect (Roof) with an SRI of 89 as tested by the Cool Roof Rating Council (CRRC).

**Factory Formulated Reduces Labor Expense** - StressPly IV Plus Mineral and StressPly IV Plus UV Mineral are coated at the factory with reflective mineral granules. Consequently, there's no need to flood coat and gravel or aluminize the membrane's surface. Roof projects can be completed on a more timely basis. End result: substantial labor expense savings.

**Security in Multi-Ply Applications** - StressPly IV Plus membranes are the top component of a multi-ply system. It combines the inherent advantages and proven performance of multi-ply protection with the strength, flexibility and elongation of elastomeric systems. This unique combination minimizes dependence on perfect workmanship, contact adhesive seaming, etc.

## APPLICATION

StressPly IV Plus membranes can be applied in a two-ply torch-applied modified system. Garland's HPR Torch Base Sheet is applied to the approved substrate and StressPly IV Plus membranes are solidly torch adhered to the torch base sheet.

StressPly IV Plus membranes can also be used as the torchable top layer of a modified roof system. Two plies of ASTM D 2178, Type IV or VI fiberglass felt are solidly bonded to the approved substrate. StressPly IV Plus membranes are then solidly torch adhered to these base layers.



Technical Data	StressPly IV Plus	StressPly IV Plus Mineral	StressPly IV Plus UV Mineral
<b>Tensile Strength</b>	*MD 310 lbf./in. (54.25 kN/m) * XD 310 lbf./in. (54.25 kN/m) **MD 430 lbf./in. (75.25 kN/m) **XD 335 lbf./in. (58.63 kN/m)	*MD 310 lbf./in. (54.25 kN/m) *XD 310 lbf./in. (54.25 kN/m) **MD 430 lbf./in. (75.25 kN/m) **XD 335 lbf./in. (58.63 kN/m)	*MD 310 lbf./in. (54.25 kN/m) * XD 310 lbf./in. (54.25 kN/m) **MD 430 lbf./in. (75.25 kN/m) **XD 335 lbf./in. (58.63 kN/m)
<b>*Tear Strength</b>	MD 510 lbf. (2269 N) XD 510 lbf. (2269 N)	MD 510 lbf. (2269 N) XD 510 lbf. (2269 N)	MD 510 lbf. (2269 N) XD 510 lbf. (2269 N)
<b>*Elongation</b>	*MD 9.0% *XD 8.0% **MD 6.0% **XD 6.0%	*MD 9.0% *XD 8.0% **MD 6.0% **XD 6.0%	*MD 9.0% *XD 8.0% **MD 6.0% **XD 6.0%
<b>*Low Temperature Flex</b>	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)

Finished membrane meets and/or exceeds ASTM D 6162, TYPE III.

Test Method ASTM D 5147 is tested at:

\* 2 in./min @ 73.4 ± 3.6°F    \*\* 0.08 in/min @ 0 ± 3.6°F  
(50 mm/min @ 23 ± 2°C)    (2.0 mm/min @ -18 ± -3°C)

Roll Dimensions	StressPly IV Plus	StressPly IV Plus Mineral	StressPly IV Plus UV Mineral
<b>Width</b>	3 ft. 3 in. (1m)	3 ft. 3 in. (1m)	3 ft. 3 in. (1m)
<b>Length</b>	26 ft. 2 in. (7.98 m)	26 ft. 2 in. (7.98 m)	26 ft. 2 in. (7.98 m)
<b>Weight</b>	110 lbs. (49.9 kg)	125 lbs. (56.7 kg)	125 lbs. (56.7 kg)
<b>Nominal Thickness</b>	180 mils (4,572 microns)	195 mils (4,953 microns)	195 mils (4,953 microns)
<b>Net Coverage</b>	75 sq. ft. (6.96 m <sup>2</sup> )	75 sq. ft. (6.96 m <sup>2</sup> )	75 sq. ft. (6.96 m <sup>2</sup> )
<b>Packaging</b>	20 rolls/pallet	20 rolls/pallet	20 rolls/pallet

Eco-Facts	StressPly IV Plus	StressPly IV Plus Mineral	StressPly IV Plus UV Mineral
<b>Recycled Content</b>			
<b>Pre-Consumer</b>	15%	–	–
<b>Post-Consumer</b>	0.5%	–	–
<b>Reflectance</b>	–	0.45	***0.67 / 0.61
<b>Emittance</b>	–	0.87	***0.90 / 0.90
<b>SRI</b>	–	51	***0.82 / 0.74

\*\*\*Sunburst Mineral (0700-0029b) CRRG results / Rapid Ratings 3-year aging in process.

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.

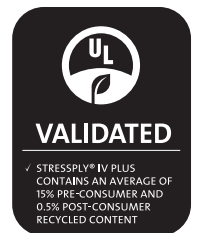
Installation of this product with hot oxidized asphalt may result in exposure to hazardous chemicals. Special care and attention for proper product installation must be followed in all cases. For specific details refer to the NIOSH safe handling practices in publication No. 2003-107, as well as OSHA standard 1910.134 for further exposure precautions.



0700-0029b  
Sunburst Mineral on  
StressPly IV UV Mineral



StressPly IV Plus UV Mineral product is protected by U.S. Patent # 6,933,007



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StressPly is a registered trademark of The Garland Company, Inc.



## OVERVIEW & FEATURES

Tuff-Stuff MS is a moisture-curing, single-component, non-sag sealant that contains no solvents. When cured, Tuff-Stuff MS offers the performance of a two-part sealant with the ease of installation associated with a one-part. It is designed to maintain an effective bond and seal between materials of similar and dissimilar surfaces, porosities and coefficients of expansion. Tuff-Stuff MS is designed for use in reglets, precast panels, tilt-up walls, metal curtain walls, copings, window and door perimeters, panel bedding and glazing details.

**Environmentally Friendly** – Due to its modified silane chemistry, Tuff-Stuff MS is a low-odor product which makes it useful in VOC sensitive areas like hospitals, schools, and food production plants. Tuff-Stuff MS does not use solvents or isocyanates and contains only 50 g/L VOC's.

**Extended Life for High Movement** – Tuff-Stuff MS high solid content optimizes minimal shrinking unlike heavily solvent based products that will shrink when exposed to UV as the solvent flashes out enabling high flexibility and long-term performance.

**User Friendly/Saves Money** – Tuff-Stuff MS can be applied with a normal caulking gun, industrial type, and wet or dry tooled into a joint making it easy for in-house maintenance use.

**Cures Quickly** – Tuff-Stuff MS utilizes a moisture assisted cure type chemistry that enables a fast skin time and is paintable within 3 days of install depending on the sealed joints overall dimensions.

## APPLICATION

**Surface Preparation** – Joint surfaces and backer rod must be dry and free of all contaminants such as oil, grease, wax, dust, corrosion, tar, asphalt, loose aggregate, frost, form-release agents, decorative and protective coatings. Precast panels using form release agents other than polyethylene film must be sandblasted or mechanically abraded and blown or brushed dust free. Glass, metal and other nonporous surfaces must be free of any coatings and wiped clean with solvent.

**Priming** – Never a substitute for proper surface preparation, priming is not required on glass or anodized aluminum and usually not necessary on other common building materials. However, varieties of brick, natural stone, plastics, paints, EIFS, coatings and other treatments of surfaces often present difficult substrates at which to adhere. Due to the number and unpredictable nature of these substrates, a field test is recommended to determine the adhesion of Tuff-Stuff MS.

**Joint Backing** – Backer rods control the depth of the sealant and allow it to be applied under pressure. Use an oversized, closed-cell backer rod sized so that it will compress 25%. In joints too shallow for backer rod, use a polyethylene bond-breaker tape to prevent three-sided adhesion.

Joints should be masked to ensure a neat appearance. Sealant should

be applied in a continuous operation using sufficient pressure to fill the joint and make complete contact to the joint sides. Tool the sealant slightly concave using dry-tooling techniques. Do not tool with soap or detergent and water solutions.

**Movement Capability** - 25% Extension - 25% Compression. Joint sealants do not change volume with expansion or compression, only shape; the greater the change in shape, the greater the stress on the sealant.

**Tool Time** (Initial Skin) - 1-2 hours at 77°F (25°C); 50% relative humidity. Higher temperatures and/or humidity will shorten this time.

**Cleaning** - Use mineral spirits to remove excess sealant before it cures and to clean equipment.

**Storage Life** - One-part MS polymer is extremely moisture and heat sensitive. Tuff-Stuff MS has a warranted shelf life of nine (9) months from the factory shipping date when stored in original unopened cartridges at conditions not exceeding 80°F (27°C), 50% relative humidity. Consistently higher temperatures and/or humidity will shorten the shelf life and valid warranty.

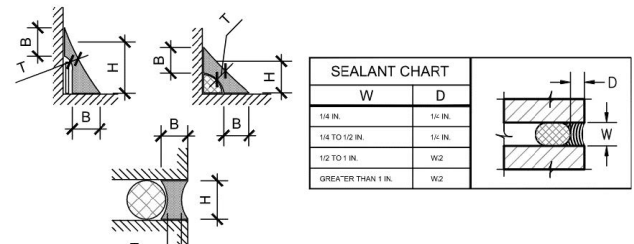
## PRECAUTIONS

Tuff-Stuff MS should not be used:

- As a cap, heel or toe bead in certain glazing installations with highperformance glass or plastic.
- In joints less than 1/4 in. (6 mm) in depth.
- In joints where contact may be made with polysulfide sealants
- In areas exposed to harsh chemicals.
- On certain architectural paints and finishes without laboratory or field testing.
- In horizontal joints subject to vehicular traffic.

Technical Data	Tuff-Stuff MS
<b>Bond Durability-Class 25</b> (ASTM C 920)	Passes
<b>Hardness, Shore A</b> (ASTM C 920, 15-50)	25-35
<b>Service Temperature Range</b>	-50°F to 300°F (-45°C to 148°C)
<b>Stain and Color Change</b> (ASTM C 920)	Passes
<b>Tack Free Time</b> @ 77°F (25°C); 50% RH (ASTM C 679)	Less than 1 hr.
<b>Tensile Strength</b> (ASTM D 412)	225 psi
<b>Elongation</b> (ASTM D 412)	450-550%
<b>Weep and Sag</b> max 3/16 in. (4 mm) (ASTM C 920)	Passes
<b>VOC</b>	<50 g/L
<b>Colors</b>	Refer to color chart

Joint Size (depth x width)	10.3 oz tube
<b>1/4" x 1/4"</b> (0.635cm x 0.635cm)	24' (7.32m)
<b>1/4" x 1/2"</b> (0.635cm x 1.27cm)	12' (3.66m)
<b>3/8" x 3/8"</b> (0.95cm x 0.95cm)	11' (3.35m)
<b>3/8" x 3/4"</b> (0.95cm x 1.91cm)	5.5' (1.68m)
<b>1/2" x 1/2"</b> (1.27cm x 1.27cm)	6' (1.83m)
<b>1/2" x 1"</b> (1.27cm x 2.54cm)	3' (0.91m)
<b>3/4" x 3/4"</b> (1.91cm x 1.91cm)	2.5' (0.76m)
<b>3/4" x 1.5"</b> (1.91cm x 3.175cm)	1.5' (0.46m)
<b>1" x 1"</b> (2.54cm x 2.54cm)	1.5' (0.46m)



B = BOND LINE - MIN. 3/8" ON MASONRY  
- MIN. 1/4" ON METAL OR GLASS

T = SEALANT THICKNESS - MIN. 1/4" TO 3/8" FOR SILICONE SEALANTS  
- MIN. 1/4" TO 1/2" FOR URETHANE SEALANTS

GENERAL BEAD - PROVIDE AN "HOURLASS" PROFILE (B>T)  
PROFILE - PROVIDE MIN. 2:1 LENGTH TO THICKNESS RATIO (H:T)

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.



For more information, visit us at: [www.garlandco.com](http://www.garlandco.com)

**The Garland Company, Inc.**  
3800 East 91st Street  
Cleveland, OH 44105  
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Phone: 216-641-7500  
Toll Free: 800-321-9336

**Garland Canada Inc.**  
209 Carrier Drive  
Toronto, Ontario  
Canada, M9W 5Y8  
FAX: 416-747-1980  
Phone: 416-747-7995  
Toll Free: 800-387-5991  
(Only in Canada)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

Garland Greenhouse and Tuff-Stuff are trademarks of The Garland Company, Inc.

## OVERVIEW & FEATURES

Tuff-Flash™ Plus LO is a multi-purpose, two-part, asphaltic polyurethane-based, low-odor, liquid flashing membrane designed to create a watertight flashing on tough roofing details that are difficult to seal with a typical modified membrane. Tuff-Flash Plus LO combined with Grip Polyester™ Firm creates a watertight liquid flashing membrane that adheres to smooth or mineral modified membranes as well as a variety of metal surfaces.

**Long-term Protection** – Tuff-Flash Plus LO polyurethane chemistry undergoes a chemical curing reaction that builds strength over time unlike other solvent-based rubberized coatings that simply form films as the solvent flashes off. With this superior chemistry, the material can outperform and outlast similar coatings.

**Low-Odor Application** – Due to its asphaltic polyurethane chemistry, Tuff-Flash Plus LO is a low-odor product, minimizing odor concerns in VOC sensitive areas like hospitals, schools and food production plants.

**Versatile** – Tuff-Flash Plus LO is a versatile liquid flashing mastic that can seal even tough flashing details where a modified membrane or pitch pocket would have trouble sealing. It can be used on SBS, APP, and smooth or mineral surfaced asphalt roofs as well as many types of metal substrates (with proper surface preparation). Tuff-Flash Plus LO can be applied with a brush or trowel, making it easy for in-house maintenance teams to use.

**Environmentally Safe** – Tuff-Flash Plus LO is low VOC and when it cures, it initially looks like hot-applied rubberized asphalt. However, there is no need for a torch or hot kettle.

**Cures Quickly** – A reflective coating can be applied over Tuff-Coat Plus LO within 15-30 days, compared to up to six months with standard emulsions and solvent-based coatings under normal weather conditions (i.e. 77°F (25°C)).

## MIXING

DO NOT THIN. DO NOT HAND MIX. Begin by mixing Part A (2.75 gal.) using a power mixer (e.g. 1/2" drill and an 8" mud mixer). Do not draw air into the mix. While mixing, slowly add one jug of Part B (0.25 gal.) to the pail and mix thoroughly for 3 FULL MINUTES. The proportions are pre-measured, DO NOT ESTIMATE.

## APPLICATION

Ensure that wet conditions do not exist. An infrared scan is highly recommended. Remove all wet insulation, dirt and debris from the existing roof to ensure proper adhesion. Perform an adhesion test on the surface to determine if the surface is an acceptable substrate for the Tuff-Flash Plus LO.

### For Repair Material

Apply Tuff-Flash Plus LO at a rate of approximately 1 gal./7 ft. at 8 in. wide x 1/4 in. over the affected area with GarMesh®. The Tuff-Flash Plus LO must completely cover the GarMesh, not allowing the reinforcement to be exposed. Feather out the perimeter edges of the Tuff-Flash Plus LO, tapering the material outward. This will help alleviate the product from pulling on this membrane and decrease the potential for mineral loss. If granules are to be incorporated, apply them subsequent to the Tuff-Flash Plus LO application. Care shall be exerted not to spread minerals over surfaces prior to product application. If granules are not being used, Tuff-Flash Plus LO must be coated with either an aluminizer or white coating at least 15-30 days after application.

### For Liquid Flashing Detail

Once the desired area is marked off, prime the surface with Garla-Prime™ at 0.5 gal/100 sq. ft. Next, apply Tuff-Flash Plus LO at a rate of approximately 5-6 gal. per 100 sq. ft. (2.0-2.4 l/m<sup>2</sup>) with Grip Polyester Firm embedded within the Tuff-Flash over the entire roof surface. Please refer to the application guide for coverage rates and specific application steps. Feather out the perimeter edges of the Tuff-Flash Plus LO, tapering the material outward. This will help alleviate the product from pulling on this membrane and decrease the potential for mineral loss. If granules are to be incorporated, apply them subsequent to the Tuff-Flash Plus LO application. Care shall be exerted not to spread minerals over surfaces prior to product application. If granules are not being used, Tuff-Flash Plus LO must be coated with either an aluminizer or white coating at 15-30 days after application.

## PRECAUTIONS

- Do not thin
- Do not hand mix
- Do not apply over wet surfaces
- Please read product label and SDS
- Material should be kept indoors while not in use
- Do not keep on the roof overnight
- Do not apply if there is a threat of rain or dew within 24 hours of application

# Tuff-Flash Plus LO

Technical Data	Tuff-Flash Plus LO
<b>Solids by Volume</b>	86%
<b>Density</b>	8.3 lbs./gal.
<b>Elongation @ 77°F (25°C)</b> ASTM D412	325%
<b>Hardness, Shore A</b> ASTM D2240 @ 77°F	55
<b>Tensile Strength</b> ASTM D412	650 psi
<b>Tear Strength</b> ASTM D624 (Die C)	115 lb./in.
<b>Service Temperature</b>	-60°-180°F (-51.1°-82.2°C)
<b>Coverage Rate</b>	
<b>Repair Material</b>	1 gal./7 ln. ft. @ 8" wide x ¼" thick
<b>Liquid Flashing</b>	2 gals./100 sq. ft. w/ reinforcement (base coat) 3-4 gals./100 sq. ft. (top coat)
<b>Packaging</b>	Part A: 3-Gallon pail, 2.75 gallons Part B: 1-Gallon jug, filled 0.25 gallons
<b>Shelf Life</b>	12 months

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

Eco Facts	Tuff-Flash Plus LO
<b>VOC</b>	< 100 g/l

For more information, visit us at: [www.garlandco.com](http://www.garlandco.com)

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(Only in Canada)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

GarMesh is a registered trademark of The Garland Company, Inc. Tuff-Flash, Garla-Prime and Grip Polyester are registered trademarks of The Garland Company, Inc. and Garland Canada Inc.

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TFP LO 0524

### PRODUCT OVERVIEW & FEATURES

TrafGard Roof Walkway Pads are designed to protect your roof and the crews who work on it.

Advantages of TrafGard Roof Walkway Pads include:

- Easy to use
- Made from recycled rubber
- Fast installation
- Economical
- Withstand severe weather
- Excellent traction
- Diamond design pattern



Data & Testing	
<b>Composition</b>	Recycled Rubber - 97% Urethane Binders - 3%
<b>Thickness/Weight (nominal)</b>	3/4" (4.0 lbs./sq. ft.) 1/2" (3.0 lbs./sq. ft.)
<b>Standard Sizes</b>	2'x3' 2'x6' 3'x4' 4'x6'
<b>Surfaces</b>	Flat One Side  Wire Mesh Texture, Anti-Skid Surface on opposite side  Both Sides Non-Porous
<b>Color</b>	Black or black with flecks of colored EPDM rubber
<b>Tensile Strength</b>	350 psi
<b>Hardness</b>	60 - 64 Shore A
<b>Flammability</b>	Passes Federal Flammability Standard Doc FF 1-70 CPSC

All testing is conducted off site by esteemed independent testing institutions. Copies of actual testing reports from these institutions are available by request.

Data & Testing	
<b>Dimensional Stability</b>	+0.242% at two hours @ 140° F (60° C)  -0.092% at 48 hours @ 68° F (20° C) & 65% Rel. Humidity  (20° C) & 65% Rel. Humidity
<b>Ultimate Elongation</b> (ASTM D412 on 1/8")	83%
<b>Flame Spread</b> (UL 94 Standard, Horizontal Burning Test for Classifying Material 94HB)	0.495"/min on 3/4" thick mat 0.495"/min on 3/4" thick mat
<b>Critical Radiant Flux</b> (ASTM E648-94a)	0.11 watts/sq. cm
<b>Electrical Resistance</b> (ASTM D991)	1.6 x 10 <sup>9</sup> megohms average 5.6 x 10 <sup>8</sup> megohms average
<b>Electrostatic Propensity</b> (AATCC Test Method 134-1991)	NEG 0.9 KV Maximum Voltage
<b>Thermal Resistance</b> (R-Value)	1/4": 0.18 1/2" 0.27 3/8" 0.36 3/4" 1.85
<b>Thermal Resistivity</b>	.72 (all thicknesses)
<b>Thermal Conductance</b>	1/4": 5.55 1/2" 3.70 3/8" 2.78 3/4" 1.85
<b>Thermal Conductivity</b> (K-Value)	1.39 (all thicknesses)
<b>Tear Resistance (ppi)</b> (ASTM D625)	150
<b>Coefficient of Friction</b> (ASTM D1894)	0.96
<b>Density (lb./sq. ft.)</b> (ASTM D3676)	64.6

**Data & Testing**

<p><b>Compression &amp; Recovery</b> (ASTM D575)</p>	<p>Immediate 98.1% After 24 hours 99.2% After 48 hours 99.4% After 72 hours 99.7% After 96 hours 99.7%</p>
<p><b>Accelerated Weathering</b> Carbon Arch Weather-Ometer Fed-Std-191 Method 5804 except with filters removed for the test</p>	
<p><b>Tensile, psi</b></p>	499 (unexposed) 344 (full exposure)
<p><b>Elongation, %</b></p>	145 (unexposed) 75 (full exposure)

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

Wise Product Group is a registered trademark of The Garland Company, Inc.



VILLAGE OF OAK PARK  
PRE-BID ROOF WALK HELD 2/10/26

SITES INLCUDED:  
NORTH PUMPING STATION

## **ADDENDUM TO THE PROJECT MANUAL**

1. All existing instrumentation on the rooftop and parapet walls is to be salvaged for reinstallation.
2. The scope of work has been updated to reflect average R-30 thermal value for the tapered roof insulation system.
3. The scope of work has been updated to include clarification for raising the plumbing stack 12" above the field of the roof.



ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

**Executive Summary**

**Lead Agency:** Racine County, Wisconsin

**Solicitation:** Invitation for Bid #PW1925

**IFB Issued:** August 7, 2019

**Pre-Bid Date:** August 15, 2019

**Bids Due:** September 9, 2019

**Bids Received:** 2

**Awarded to:** Garland/DBS, Inc.

Racine County, Wisconsin issued IFB #PW1925 on August 7, 2019 to establish a national cooperative contract for Roofing Supplies and Services, Waterproofing, and Related Products and Services contract.

The solicitation included cooperative purchasing language in Section B. Terms and Conditions, item 5. National Contract:

*Subject to its fiduciary and statutory obligations, Racine County, as the Principal Procurement Agency, defined in Attachment B – National Cooperative Contract to be Administered by OMNIA Partners, intends to partner with OMNIA Partners to make the resultant contract (also known as the “Master Agreement” in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit (“Public Agencies”), through OMNIA Partners’ cooperative purchasing program. Racine County is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a “Participating Public Agency”). Attachment B – National Cooperative Contract to be Administered by OMNIA Partners contains additional information about OMNIA Partners and the cooperative purchasing agreement.*

Notice of the solicitation was sent to potential offerors, as well as advertised in the following:

- Racine County, WI website
- Tallahassee Democrat, FL
- Arizona Business Gazette, AZ
- Desert News, UT
- Helena Independent Record, TN
- Houston Community Newspapers, Cy Creek Mirror, TX
- Montgomery Advertiser, AL
- Richmond Times, VA
- Seattle Daily Journal of Commerce, WA
- OMNIA Partners, Public Sector website
- Times Union, NY
- Daily Journal of Commerce, OR
- Herald-News, City of Joliet, Illinois
- Honolulu Star-Advertiser, HI
- Las Vegas Review-Journal, NV
- New Jersey Herald, NJ
- San Bernardino Sun, CA
- The Advocate – New Orleans, LA

# OMNIA<sup>®</sup>

PARTNERS



- USA Today, nationwide

On September 9, 2019 bids were received from the following:

- CentiMark Corporation
- Garland/DBS, Inc.

Garland/DBS, Inc. was the lowest responsive, responsible, and qualified bidder based on the requirements issued in the IFB. The County Executive, who was granted authority on August 30 2019 by the Racine County Commissioners, approved the contract award. The contract was executed on September 27, 2019 with an effective date of October 15, 2019.

Contract includes:

- Roofing supplies and services, waterproofing, and related products and services.

Term:

- October 15, 2019 to October 14, 2024 with 1 additional 5-year term.

Pricing/Discount:

- Price as stated for all schedules included in the Project Manual.

## USFR Compliance Questionnaire for IFB # PW1925

	<u>YES/NO</u>	<u>COMMENTS</u>
1. Based upon review of this contract for the procurement of construction, materials, and/or services that exceeded \$100,000, did the cooperative follow the School District Procurement Rules (R7-2-1001 et seq)?	YES	
a. For this contracts awarded through competitive sealed bidding or competitive sealed proposals, did the cooperative:		
1) Give adequate notice of the invitation for bid (IFB) or request for proposal (RFP)? R7-2-1022 or R7-2-1042(C)	YES	Ads and Affidavits
2) Compile and maintain a list of persons who requested to be added to a list of prospective bidders, if any? R7-2-1023	YES	Bidders List
3) Issue the IFB or RFP at least 14 days before the due date and time set for bid or proposals, as applicable, unless a shorter time was determined necessary? R7-2-1024(A) or R7-2-1042(B)	YES	33 Days
4) Include all required information in the IFB or RFP? (Note: If the answer is "No," the "Comments" should specifically indicate which requirements were not complied with.) R7-2-1024(B) or R7-2-1042(A)	YES	
5) Stamp sealed bids or proposals with the time and date upon receipt and store bids or proposals unopened until the due date and time set for opening? R7-2-1029 or R7-2-1045	YES	Time Stamped Responses
6) If a multiple award was made for the IFB or RFP:		
i. Did the cooperative establish and follow procedures for the use of multiple award contracts? R7-2-1031(D) and R7-2-1050(C)	N/A	Single Award
ii. Did the cooperative include in the solicitation(s) notification that multiple contracts may be awarded, the cooperative's basis for determining whether to award multiple contracts, and the criteria for selecting vendors for the multiple contracts? R7-2-1031(C) and R7-2-1050(B)	N/A	
iii. Determine, with the specific reason(s) in writing, that a single award was not advantageous to the cooperative's members and retain documentation that supported the basis for a multiple award? R7-2-1031(D)	N/A	
iv. Limit contract awards to the least number of suppliers necessary to meet the requirements of the members? R7-2-1031(D) and R7-2-1050(C)	N/A	

	YES/NO	COMMENTS
7) For contracts where only one responsive bid or proposal was received, determine that the price submitted was fair and reasonable, and that either other prospective offerors had reasonable opportunity to respond or there was not adequate time for resolicitation, and retain documentation that supported the basis for the determination? R7-2-1032 or R7-2-1046(A)(1)	YES	2 Bids Were Received; 1 Was Deemed Non-Responsive Due to Missing Documents
b. For this contract awarded through competitive sealed bidding, did the cooperative award the contracts to the lowest responsible and responsive bidder whose bid conformed, in <b>all</b> material respects, to the requirements and evaluation criteria set forth in the IFB? ( <b>Note:</b> If the answer is “No,” the “Comments” should specifically indicate which requirements were not complied with.) R7-2-1031	YES	
c. For this contract awarded through competitive sealed proposals, did the cooperative award the contract to the offeror whose proposal was determined, with the specific reason(s) in writing, to be most advantageous to the cooperative’s members based on the factors set forth in the RFP and retain documentation that supported the determination? R7-2-1050	N/A	
2. Did the cooperative have signed conflict-of-interest disclosures filed for any employee or nonemployee evaluation committee members? R7-2-1008 and R7-2-1015	N/A	Low Bid
3. If the cooperative used a qualified select bidders list to procure construction services, did the cooperative comply with requirements of R7-2-1101?	N/A	
4. If the cooperative used construction-manager-at-risk, design-build, or job-order-contracting to procure construction services, did the cooperative comply with the requirements of R7-2-1100 through R7-2-1115?	N/A	
5. If the cooperative procured goods and services using reverse auctions or electronic bidding, did the cooperative comply with the requirements of R7-2-1018, R7-2-1021, or R7-2-1041?	N/A	
6. For purchases made through the Simplified School Construction Procurement Program, did the cooperative follow the requirements of R7-2-1033? ( <b>Note:</b> If the answer is “No,” the “Comments” should specifically indicate which requirements were not complied with.)	N/A	
7. If the cooperative used multi-term contracts for any of the contracts tested in question 1:		
a. Were the terms and conditions of renewal or extension, if any, included in the IFB or RFP? A.R.S. §15-213(K) and R7-2-1093	YES	
b. For materials or services and contracts for job-order-contracting construction services that were entered into for more than 5 years, did the cooperative determine in writing, before the procurement solicitation was issued, that a contract of longer duration would be advantageous to its members? A.R.S. §15-213(K) and R7-2-1093	YES	
8. Did the cooperative prevent additional purchases by new members that would materially change the volume of goods or services estimated in the original solicitation? R7-2-1011	N/A	

	<u>YES/NO</u>	<u>COMMENTS</u>
9. Did the cooperative maintain current cooperative purchasing agreements with participating school districts? R7-2-1191 through R7-2-1195	YES	
<b>For questions 10 and 11: If the cooperative had any emergency or sole source procurements, the audit firm must test <u>all</u> such procurements.</b>		
10. Based upon review of any emergency procurements, was the basis for each emergency procurement reasonable; did the cooperative maintain a written statement for each emergency procurement documenting the basis for the emergency, the selection of the particular contractor, and why the price paid was reasonable; and was such statement signed by the individual authorized to initiate emergency procurements? R7-2-1055 and R7-2-1056	N/A	
11. Based upon review of any sole source procurements, was the basis for the sole source procurement reasonable, and did the cooperative retain its written determination that there was only one source for the required materials, service, or construction items? R7-2-1053	N/A	

**ROOFING SUPPLIES AND SERVICES,  
WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES CONTRACT 2019**

This Contract made and entered into this 27 day of September, 2019,  
by and between Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403  
(hereinafter referred to as "COUNTY") and Garland/DBS, Inc., 3800 East 91<sup>st</sup> Street,  
Cleveland, Ohio 44105 (hereinafter referred to as "CONTRACTOR").

**W I T N E S S E T H:**

For good and valuable consideration, the parties agree as follows:

1. **WORK:** CONTRACTOR shall provide ROOFING SUPPLIES AND SERVICES,  
WATERPROOFING AND RELATED PRODUCTS AND SERVICES:

The undersigned parties understand and agree to comply with and be bound by the entire contents of Sealed Bid # PW1925: ROOFING SUPPLIES AND SERVICES, WATERPROOFING AND RELATED PRODUCTS AND SERVICES PROJECT MANUAL (aka, the Contractor's Bid Proposal submitted September 4, 2019) which is incorporated herein by reference. CONTRACTOR understands and agrees that the bonds and insurance required by the Project Manual are to be kept current at all times through the length of each term and for 90 Days following completion of each term. Bonds and insurance must be renewed and presented to the COUNTY at the time of each renewal term if COUNTY chooses to renew. Bonds and insurance shall be written by a firm acceptable to the COUNTY as specified in the Project Manual.

2. **TERM:** October 15, 2019, to October 14, 2024, with full renewal of one (1) additional five (5) year term per the Project Manual. COUNTY shall exercise renewal options by issuance and delivery to CONTRACTOR of a written notice to renew this Agreement.
3. **PROJECT:** ROOFING SUPPLIES AND SERVICES, WATERPROOFING AND RELATED PRODUCTS AND SERVICES in accordance with the Project Manual.
4. **PRICE:** Price as stated for all schedules included in the Project Manual.

5. **CANCELLATION:** This contract may be cancelled without penalty or obligation of any kind, by COUNTY by, for or on behalf of itself or its agencies, departments, officers, agents or employees immediately upon written notice to all parties that sufficient funds have not been budgeted by the County Board of Supervisors to pay the obligations under this agreement.


Either party may terminate the contract on the anniversary date in any subsequent year of the contract by providing the other party with written notice ninety (90) days prior to the anniversary date.


If the CONTRACTOR fails to maintain and keep in force required insurance, COUNTY shall have the right to cancel and terminate the contract without notice.

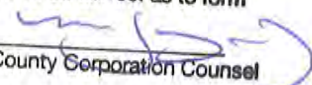
Notwithstanding any of the terms and conditions contained herein, the COUNTY and CONTRACTOR reserve the right to terminate the contract at any time for any reason by providing written notice of termination to the other party no less than ninety (90) days in advance of termination. In the event of said termination, CONTRACTOR shall not reduce its activities hereunder unless agreed in advance by COUNTY. The CONTRACTOR will pay according to the contract for services tendered through the date of termination.


RACINE COUNTY

BY:   
JONATHAN DELAGRAVE  
RACINE COUNTY EXECUTIVE

BY:   
Wendy M. Christensen  
Racine County Clerk 9/25/19

GARLAND/DBS Inc.  
BY:   
David M. Sokol, President

Date 7-27-19  
Certified to be correct as to form  
By   
Racine County Corporation Counsel

REVIEWED BY FINANCE DIRECTOR  
 9/27/19  
Sign Date



**Duane McKinney**

Purchasing Coordinator

730 Wisconsin Avenue

Racine, WI 53403

262-636-3700

fax: 262-636-3763

[duane.mckinney@racinecounty.com](mailto:duane.mckinney@racinecounty.com)

---

September 23, 2019

Mr. Frank Percaciante  
Mr. Matt McDermott  
Garland/DBS  
3800 East 91<sup>st</sup> Street  
Cleveland, OH 44105

Dear Mr. Percaciante and Mr. McDermott:

On behalf of Racine County, I would like to formally congratulate Garland/DBS on being selected to provide Roofing Supplies and Services, Waterproofing and Related Products and Services for Racine County and other municipal governments and local public agencies.

Racine County is in the process of preparing a contract to be signed by the required representatives of Racine County and Garland/DBS. Shortly, a draft contract will be forwarded for your review. Upon completion, the final contract will be forwarded for your signature.

Again, congratulations on the award.

If you have any questions, please feel free to contact me at (262) 636-3700.

Sincerely,

Duane McKinney  
Purchasing Coordinator

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. ONE (1)**

This Amendment No. One is effective June 1, 2020 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc., 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

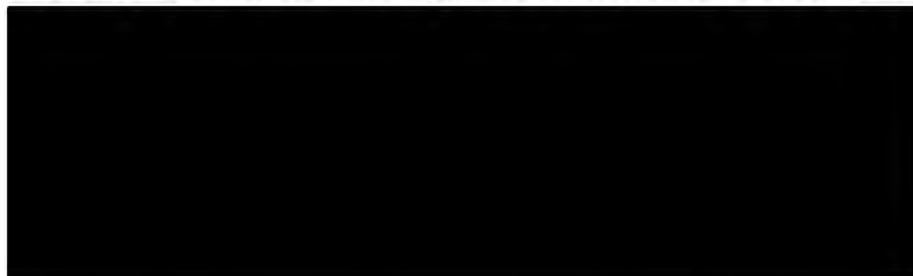
To add products previously unavailable at the time of bid, the County agrees to Contractor making the below items available in the Contract that are within the initial scope of the Contract:

- Product #771-5, Clean-Shield
- Product #1750-5, Clear- Shield
- Product #7775-10, D7 – 10 Gallon Kit
- Product #7775-30, D7 – 30 Gallon Kit
- Product #7775-4, D7 – 4 Gallon Kit

Details of the above products are provided in Attachment A of this Amendment No. One.

**2. PRICE:**

The County agrees to the following prices of the products added to the Contract:




Details of the above product pricing are provided in Attachment A of this Amendment No. One.

ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.

RACINE COUNTY

BY:



Jonathan Delagrave  
Racine County Executive

DATE:

06-20-2020

BY:



Wendy M. Christensen  
Racine County Clerk

DATE:

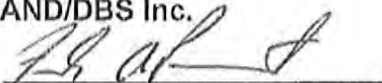
6/3/2020



6/5/2020

GARLAND/DBS Inc.

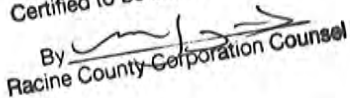
BY:



DATE:

06/01/2020

FRANK A. PERCIANTE  
CONTROLLER & AUTHORIZED SIGNER

Date 06-17-2020  
Certified to be correct as to form  
By   
Racine County Corporation Counsel

REVIEWED BY FINANCE DIRECTOR

Sign 

Date 6/2/2020

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

AMENDMENT NO. ONE

Page 2 of 3

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. ONE (1)**

**Attachment A**

Product #	Product Name	Description	Coverage Rate (Reference Data Sheet)	Unit Size Price	1% Discount Per OMNIA Partners Contract through Racine County	OMNIA Partners Contract Price
771-5	Clear-Shield	Heavy Duty Non-Toxic Concrete and Masonry Clean - 5 Gallon Pal	gal (Reference Data Sheet)			
1750-5	Clear-Shield	Clear Acrylic Solution Designed to Protect a Roof's Existing Surface	gal (Reference Data Sheet)			
7775-10	D7 - 10 Gallon Kit	Antimicrobial Disinfectant and Chemical Decontaminant, 3-Part Kit	Gallon Depending on Application (Reference Data Sheet)			
7775-30	D7 - 30 Gallon Kit	Antimicrobial Disinfectant and Chemical Decontaminant, 3-Part Kit	Gallon Depending on Application (Reference Data Sheet)			
7775-4	D7 - 4 Gallon Kit	Antimicrobial Disinfectant and Chemical Decontaminant, 3-Part Kit	Gallon Depending on Application (Reference Data Sheet)			

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. TWO (2)**

This Amendment No. Two is effective August 21, 2020 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

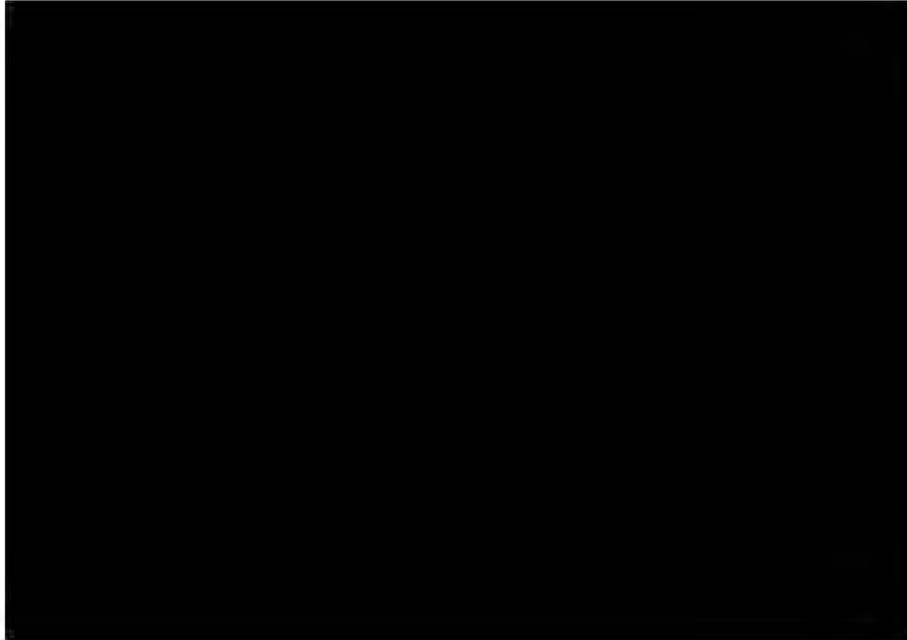
To add products previously unavailable at the time of bid, the County agrees to Contractor making the below items available in the Contract that are within the initial scope of the Contract:

- Product D7 Mixing Station
- Product D7 Compact Fogger/Sprayer
- Product D7 Foaming Hand Sanitizer
- D7 Silver Subscription (Months 1-6)
- D7 Silver Subscription (Months 7+)
- D7 Silver PLUS Subscription (Months 1-6)
- D7 Silver PLUS Subscription (Months 7+)
- D7 Gold Subscription (Months 1-6)
- D7 Gold Subscription (Months 7+)
- D7 Gold PLUS Subscription (Months 1-6)
- D7 Gold PLUS Subscription (Months 7+)
- D7 Platinum Subscription (Months 1-6)
- D7 Platinum Subscription (Months 7+)
- D7 Platinum PLUS Subscription (Months 1-6)
- D7 Platinum PLUS Subscription (Months 7+)

Details of the above products are provided in Attachment A of this Amendment No. Two.

**2. PRICE:**

The County agrees to the following prices of the products added to the Contract:



Details of the above product pricing are provided in Attachment A of this Amendment No. Two.

ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.

RACINE COUNTY

BY:

*Jonathan Delagrave*  
Jonathan Delagrave  
Racine County Executive

DATE: \_\_\_\_\_

BY:

\_\_\_\_\_  
Wendy M. Christensen  
Racine County Clerk

DATE: \_\_\_\_\_

GARLAND/DBS Inc.

BY:

*Frank A. Percicantie*

DATE:

08/25/2020  
**FRANK A. PERCICANTIE**  
**CONTROLLER**

REVIEWED BY FINANCE DIRECTOR

*Fin Dir* 8/27/2020  
Sign Date

*Wendy M. Christensen*  
Wendy M. Christensen  
Racine County Clerk 9/1/2020

Date 8-31-2020  
Certified to be correct as to form  
By *[Signature]*  
Racine County Corporation Counsel

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

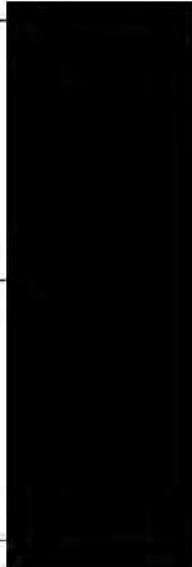
**AMENDMENT NO. TWO (2)**

**Attachment A**

<b>Product Name</b>	<b>Description</b>	<b>Coverage Rate</b>	<b># Per Pallet</b>	<b>Unit Size</b>	<b>Price</b>
D7 Mixing Station	Electric Mixing Station blends the three (3) D7 liquid components into a single solution and dispenses into any container	N/A	18	EA	
D7 Compact Fogger / Sprayer	Damp mist sprayer that uses compressed air and venturi action to draw ready to use chemical solution from the attached bottle	N/A	240	EA	
D7 Foaming Hand Sanitizer	Fast drying, foam hand sanitizer that is alcohol free and 99.9999% effective	550 ML Pump Container (Case of 12)	105	CS	
D7 Silver Subscription (Months 1-6)	D7 Disinfection Subscription, includes Mixing Station and (2) Company Fogger/Sprayers	<50,000 sqft; 8-12 Full Building Applications per Month		N/A	
D7 Silver Subscription (Months 7+)	D7 Disinfection Subscription, includes Mixing Station and (2) Compact Fogger/Sprayers	<50,000 sqft; 8-12 Full Building Applications per Month		N/A	
D7 Silver PLUS Subscription (Months 1-6)	D7 Disinfection Subscription, includes Mixing Station, (2) Compact Fogger/Sprayers, D7 Foaming Hand Sanitizer, Clean Mats	<50,000 sqft; 8-12 Full Building Applications per Month		N/A	

D7 Silver PLUS Subscription (Months 7+)	D7 Disinfection Subscription, includes Mixing Station, (2) Compact Fogger/Sprayers, D7 Foaming Hand Sanitizer, Clean Mats	<50,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Gold Subscription (Months 1-6)	D7 Disinfection Subscription, includes Mixing Station and (2) Company Fogger/Sprayers	50,000-100,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Gold Subscription (Months 7+)	D7 Disinfection Subscription, includes Mixing Station and (2) Compact Fogger/Sprayers	50,000-100,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Gold PLUS Subscription (Months 1-6)	D7 Disinfection Subscription, includes Mixing Station, (2) Compact Fogger/Sprayers, D7 Foaming Hand Sanitizer, Clean Mats	50,000-100,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Gold PLUS Subscription (Months 7+)	D7 Disinfection Subscription, includes Mixing Station, (2) Compact Fogger/Sprayers, D7 Foaming Hand Sanitizer Clean Mats	50,000-100,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Platinum Subscription (Months 1-6)	D7 Disinfection Subscription, includes Mixing Station and (2) Compact Fogger/Sprayers	>100,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Platinum Subscription (Months 7+)	D7 Disinfection Subscription, includes Mixing Station and (2) Compact Fogger/Sprayers	>100,000 sqft; 8-12 Full Building Applications per Month		N/A

D7 Platinum PLUS Subscription (Months 1-6)	D7 Disinfection Subscription, includes Mixing Station, (2) Compact Fogger/ Sprayers, D7 Foaming Hand Sanitizer, Clean Mats	>100,000 sqft; 8-12 Full Building Applications per Month		N/A
D7 Platinum PLUS Subscription (Months 7+)	D7 Disinfection Subscription, includes Mixing Station, (2) Compact Fogger/ Sprayers, D7 Foaming Hand Sanitizer, Clean Mats	>100,000 sqft; 8-12 Full Building Applications per Month		N/A



**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. THREE (3)**

This Amendment No. Three is effective February 1, 2021 and is modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

To add a product, delete products no longer available, and modify pricing as necessary (both increases and decreases) to account for market changes in manufacturing and worker safety.

Details are provided in the Bid Form located in Attachment A of this Amendment No. Three. Products added in Amendments One (1) and Two (2) shall remain.

**2. PRICE:**


The County agrees to the revised prices, products, and services.

Details are provided in the Bid Form, located in Attachment A of this Amendment No. Three. 2021 material price list details can also be provided upon request. Pricing for products added in Amendments One (1) and Two (2) shall remain.

ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.

RACINE COUNTY

BY:

  
Jonathan Delagrave  
Racine County Executive

REVIEWED BY FINANCE DIRECTOR

Sign

Date

 2/23/21

DATE: \_\_\_\_\_

BY:

  
Wendy M. Christensen  
Racine County Clerk


DATE: 2/24/2021

GARLAND/DBS Inc.

BY:

 FRANK A. PERCACIANTE, CONTROLLER

DATE: 02/23/2021

Date 02-23-2021  
Certified to be correct as to form  
By   
Racine County Corporation Counsel

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. FOUR (4)**

This Amendment No. Four is effective April 19, 2021 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. NATIONWIDE:**

As indicated in the initial solicitation and subsequent contract, public agencies and political subdivisions are named in the Invitation for Bid. By being named, it helps agencies be eligible to register with OMNIA Partners and access or jointly participate in the Master Agreement contract award through the Master Intergovernmental Purchasing Agreement for the purpose of complying with procedural requirements and statutes. The State of Virginia, Virginia political subdivisions and Virginia local governments were initially named as part of the bid, however the regions (including but not limited to the Central, Northern, Southwestern, Tidewater, and Western), of the Commonwealth of Virginia, which is inclusive of the counties along with any cities, towns, or other municipalities contained within the overall borders of those counties, are further called out below for additional clarity.

VIRGINIA COUNTIES, CITIES, TOWNS, VILLAGES, BOROUGHES, AND SCHOOL DISTRICTS INCLUDE BUT ARE NOT LIMITED TO:

**HEART OF APPALACHIA REGION to include:**

CITIES & TOWNS

Bluefield, VA  
Grundy, VA  
Norton, VA  
Town of Tazewell, VA  
Big Stone Gap, VA  
Clintwood, VA  
St. Paul, VA  
Coeburn, VA

COUNTIES

Buchanan County, VA  
Dickenson County, VA  
Lee County, VA  
Russell County, VA  
Scott County, VA  
Tazewell County, VA  
Wise County, VA

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

**BLUE RIDGE HIGHLANDS REGION to include:**

CITIES & TOWNS

Abingdon, VA  
Blacksburg, VA  
Bristol, VA  
Christiansburg, VA  
Damascus, VA  
Galax, VA  
Marion, VA  
Pulaski, VA  
Radford, VA  
Wytheville, VA

COUNTIES

Bland County, VA  
Carroll County, VA  
Floyd County, VA  
Giles County, VA  
Grayson County, VA  
Montgomery County, VA  
Patrick County, VA  
Pulaski County, VA  
Smyth County, VA  
Washington County, VA  
Wythe County, VA

**CENTRAL VIRGINIA REGION to include:**

CITIES & TOWNS

Appomattox, VA  
Ashland, VA  
Blackstone, VA  
Charlottesville, VA  
Colonial Heights, VA  
Chester, VA  
Farmville, VA  
Hopewell, VA  
Lynchburg, VA  
Petersburg, VA  
Richmond, VA  
Scottsville, VA  
Wintergreen, VA

COUNTIES

Albemarle County, VA  
Amelia County, VA  
Amherst County, VA  
Appomattox County, VA  
Buckingham County, VA  
Campbell County, VA  
Chesterfield County, VA  
Cumberland County, VA  
Dinwiddie County, VA  
Fluvanna County, VA  
Goochland County, VA  
Greene County, VA  
Hanover County, VA  
Henrico County, VA  
Louisa County, VA  
Madison County, VA  
Nelson County, VA  
Nottoway County, VA  
Orange County, VA  
Powhatan County, VA  
Prince Edward County, VA  
Prince George County, VA  
Sussex County, VA

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

**TIDEWATER REGION (WHICH ALSO INCLUDES THE CHESAPEAKE BAY REGION) to include:**

**CITIES & TOWNS**

Kilmarnock, VA  
Warsaw, VA  
Urbanna, VA  
West Point, VA  
Colonial Beach, VA  
Tappahannock, VA  
Gloucester, VA  
Irvington, VA

**COUNTIES**

Middlesex County, VA  
Lancaster County, VA  
Northumberland County, VA  
Richmond County, VA  
King William County, VA  
King & Queen County, VA  
Mathews County, VA  
Westmoreland County, VA  
Essex County, VA  
Gloucester County, VA  
King George County, VA

**COASTAL VIRGINIA - EASTERN SHORE REGION to include:**

**CITIES & TOWNS**

Accomac, VA  
Cape Charles, VA  
Chincoteague Island, VA  
Exmore, VA  
Onanock, VA  
Tangier Island, VA  
Wachapreague, VA

**COUNTIES**

Northampton County, VA  
Accomack County, VA

**Tidewater COASTAL VIRGINIA - HAMPTON ROADS REGION to include:**

**CITIES & TOWNS**

Charles City, VA  
Chesapeake, VA  
Franklin, VA  
Hampton, VA  
Newport News, VA  
Norfolk, VA  
Poquoson, VA  
Portsmouth, VA  
Smithfield, VA  
Suffolk, VA  
Virginia Beach, VA

**COUNTIES**

Charles City County, VA  
Isle of Wight County, VA  
James City County, VA  
New Kent County, VA  
Southampton County, VA  
Surry County, VA  
York County, VA

Williamsburg, VA  
Yorktown, VA

**NORTHERN VIRGINIA REGION to include:**

CITIES & TOWNS

Alexandria, VA  
Arlington, VA  
Centreville, VA  
Chantilly, VA  
Clifton, VA  
Culpeper, VA  
Dulles, VA  
Falls Church, VA  
Fairfax, VA  
Fredericksburg, VA  
Herndon, VA  
Leesburg, VA  
Lorton, VA  
Manassas Park, VA  
Manassas, VA  
Marshall, VA  
McLean, VA  
Middleburg, VA  
Occoquan, VA  
Purcellville, VA  
Reston, VA  
Spotsylvania, VA  
Springfield, VA  
Triangle, VA  
Vienna, VA  
Warrenton, VA  
Woodbridge, VA  
Washington, VA

COUNTIES

Rappanhannock County, VA  
Fauquier County, VA  
Stafford County, VA  
Spotsylvania County, VA  
Caroline County, VA  
Prince William County, VA  
Fairfax County, VA  
Loudoun County, VA  
Culpeper County, VA

**SHENANDOAH VALLEY REGION to include:**

CITIES & TOWNS

Berryville, VA  
Buena Vista, VA  
Front Royal, VA  
Harrisonburg, VA  
Lexington, VA

Shenandoah, VA  
Staunton, VA  
Waynesboro, VA  
Winchester, VA

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

Luray, VA  
Natural Bridge, VA

**COUNTIES**

Augusta County, VA  
Clarke County, VA  
Frederick County, VA  
Page County, VA  
Rockbridge County, VA  
Rockingham County, VA  
Shenandoah County, VA  
Warren County, VA

**SOUTHERN VIRGINIA to include:**

**CITIES & TOWNS**

Danville, VA  
Emporia, VA  
Martinsville, VA  
South Boston, VA  
South Hill, VA  
Clarksville, VA

**COUNTIES**

Brunswick County, VA  
Charlotte County, VA  
Greensville County, VA  
Henry County, VA  
Halifax County, VA  
Lunenburg County, VA  
Mecklenburg County, VA  
Pittsylvania County, VA

**VIRGINIA MOUNTAINS REGION to include:**

**CITIES & TOWNS**

Bedford, VA  
Buchanan, VA  
Clifton Forge, VA  
Covington, VA  
Fincastle, VA  
Hot Springs, VA  
New Castle, VA  
Roanoke, VA  
Rocky Mount, VA  
Salem, VA  
Troutville, VA  
Vinton, VA  
Warm Springs, VA

**COUNTIES**

Alleghany County, VA  
Bath County, VA  
Bedford County, VA  
Botetourt County, VA  
Craig County, VA  
Franklin County, VA  
Highland County, VA  
Roanoke County, VA

**SCHOOL DISTRICTS to include:**

Accomack County Public Schools, VA  
Albemarle County Public Schools, VA  
Alexandria City Public Schools, VA  
Alleghany County Public Schools, VA  
Amelia County Public Schools, VA  
Amherst County Public Schools, VA  
Appomattox County Public Schools, VA  
Arlington Public Schools, VA  
Augusta County Public Schools, VA  
Bath County Public Schools, VA  
Bedford City Public Schools, VA  
Bedford County Public Schools, VA  
Bland County Public Schools, VA  
Botetourt County Public Schools, VA  
Bristol Public Schools, VA  
Brunswick County Public Schools, VA  
Buchanan County Public Schools, VA  
Buckingham County Public Schools, VA  
Buena Vista City Public Schools, VA  
Campbell County Public Schools, VA  
Caroline County Public Schools, VA  
Carroll County Public Schools, VA  
Charles City County Public Schools, VA

Lunenburg County Public Schools, VA  
Lynchburg City Public Schools, VA  
Madison County Public Schools, VA  
Manassas City Public Schools, VA  
Manassas Park City Public Schools, VA  
Martinsville City Public Schools, VA  
Mathews County Public Schools, VA  
Mecklenburg County Public Schools, VA  
Middlesex County Public Schools, VA  
Montgomery County Public Schools, VA  
Nelson County Public Schools, VA  
New Kent County Public Schools, VA  
Newport News Public Schools, VA  
Norfolk Public Schools, VA  
Northampton County Public Schools, VA  
Northumberland County Public Schools, VA

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

Charlotte County Public Schools, VA  
Charlottesville City Schools, VA  
Chesapeake Public Schools, VA  
Chesterfield County Public Schools, VA  
Clarke County Public Schools, VA  
Colonial Beach Public Schools, VA  
Colonial Heights Public Schools, VA  
Covington City Public Schools, VA  
Craig County Public Schools, VA  
Culpeper County Public Schools, VA  
Cumberland County Public Schools, VA  
Danville Public Schools, VA  
Dickenson County Public Schools, VA  
Dinwiddie County Public Schools, VA  
Essex County Public Schools, VA  
Fairfax County Public Schools, VA  
Falls Church City Public Schools, VA  
Fauquier County Public Schools, VA  
Floyd County Public Schools, VA  
Fluvanna County Public Schools, VA  
Franklin City Public Schools, VA  
Franklin County Public Schools, VA  
Frederick County Public Schools, VA  
Fredericksburg City Schools, VA

Norton City Schools, VA  
Nottoway County Public Schools, VA  
Orange County Public Schools, VA  
Page County Public Schools, VA  
Patrick County Public Schools, VA  
Petersburg City Public Schools, VA  
Pittsylvania County Public Schools, VA  
Poquoson City Public Schools, VA  
Portsmouth Public Schools, VA  
Powhatan County Public Schools, VA  
Prince Edward County Public Schools, VA  
Prince George County Public Schools, VA  
Prince William County Public Schools, VA  
Pulaski County Public Schools, VA  
Radford City Schools, VA  
Rappahannock County Public Schools, VA  
Richmond County Public Schools, VA  
Richmond Public Schools, VA

Galax City Public Schools, VA  
Giles County Public Schools, VA  
Gloucester County Public Schools, VA  
Goochland County Public Schools, VA  
Grayson County Public Schools, VA  
Greene County Public Schools, VA  
Greensville County Public Schools, VA  
Halifax County Public Schools, VA  
Hampton City Schools, VA  
Hanover County Public Schools, VA  
Harrisonburg City Public Schools, VA  
Henrico County Public Schools, VA  
Henry County Public Schools, VA  
Highland County Public Schools, VA  
Hopewell City Public Schools, VA  
Isle of Wight County Public Schools, VA  
King and Queen County Public Schools, VA  
King George County Public Schools, VA  
King William County Public Schools, VA  
Lancaster County Public Schools, VA  
Lee County Public Schools, VA  
Lexington City Schools, VA  
Loudoun County Public Schools, VA  
Louisa County Public Schools, VA

Roanoke City Public Schools, VA  
Roanoke County Public Schools, VA  
Rockbridge County Public Schools, VA  
Rockingham County Public Schools, VA  
Russell County Public Schools, VA  
Salem City Schools, VA  
Scott County Public Schools, VA  
Shenandoah County Public Schools, VA  
Smyth County Public Schools, VA  
Southampton County Public Schools, VA  
Spotsylvania County Public Schools, VA  
Stafford County Public Schools, VA  
Staunton City Public Schools, VA  
Suffolk Public Schools, VA  
Surry County Public Schools, VA  
Sussex County Public Schools, VA  
Tazewell County Public Schools, VA  
Virginia Beach City Public Schools, VA

Washington County Public Schools, VA  
Waynesboro Public Schools, VA  
Westmoreland County Public Schools, VA  
West Point Public Schools, VA  
Williamsburg-James City County Public Schools, VA


Warren County Public Schools, VA  
Winchester Public Schools, VA  
Wise County Public Schools, VA  
Wythe County Public Schools, VA  
York County School Division, VA

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

BY:   
Jonathan Delagrave  
Racine County Executive

DATE: 4-27-2021

BY:   
Wendy M. Christensen  
Racine County Clerk

DATE: 4/27/2021

**REVIEWED BY FINANCE DIRECTOR**

 4/22/21  
Sign Date

Date 4.23.2021  
Certified to be correct as to form

By   
Racine County Corporation Counsel

**GARLAND/DBS Inc.**

BY: 

DATE: 04/22/2021  
FRANK A. PERCACCIANTE  
CONTROLLER

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES  
CONTRACT 2019**

**AMENDMENT NO. FIVE (5)**

This Amendment No. Five is effective August 15, 2021 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract to insert federal language as follows:

**FEMA SPECIAL CONDITIONS**

Awarded Supplier(s) may need to respond to events and losses where products and services are needed for the immediate and initial response to emergency situations such as, but not limited to, water damage, fire damage, vandalism cleanup, biohazard cleanup, sewage decontamination, deodorization, and/or wind damage during a disaster or emergency situation. By submitting a proposal, the Supplier has accepted these FEMA Special Conditions required by the Federal Emergency Management Agency (FEMA).

"Contract" in the below pages under FEMA SPECIAL CONDITIONS is also referred to and defined as the "Master Agreement".

"Contractor" in the below pages under FEMA SPECIAL CONDITIONS is also referred to and defined as "Supplier" or "Awarded Supplier".

**Conflicts of Interest**

No employee, officer, or agent may participate in the selection, award, or administration of a contract supported by a FEMA award if he or she has a real or apparent conflict of interest. Such a conflict would arise when the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of these parties, has a financial or other interest in or a tangible personal benefit from a firm considered for award. 2 C.F.R. § 200.318(c)(1); See also Standard Form 424D, ¶ 7; Standard Form 424B, ¶ 3. i. FEMA considers a "financial interest" to be the potential for gain or loss to the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of these parties as a result of the particular procurement. The prohibited financial interest may arise from ownership of certain financial instruments or investments such as stock, bonds, or real estate, or from a salary, indebtedness, job offer, or similar interest that might be affected by the particular procurement. ii. FEMA considers an "apparent" conflict of interest to exist where an actual conflict does not exist, but where a reasonable person with knowledge of the relevant facts would question the impartiality of the employee, officer, or agent participating in the procurement. c. Gifts. The officers, employees, and agents of the Participating Public Agency nor the Participating Public Agency ("NFE") must neither solicit nor accept gratuities, favors, or anything of monetary value from contractors or parties to subcontracts. However, NFE's may set standards for situations in which the financial interest is de minimus, not substantial, or the gift is an unsolicited item of nominal value. 2 C.F.R. § 200.318(c)(1). d. Violations. The NFE's written standards of conduct must provide for disciplinary actions to be applied for violations of such standards by officers, employees, or agents of the NFE. 2 C.F.R. § 200.318(c)(1). For example, the penalty for a NFE's employee may be dismissal, and the penalty for a contractor might be the termination of the contract.

### **Contractor Integrity**

A contractor must have a satisfactory record of integrity and business ethics. Contractors that are debarred or suspended, as described in and subject to the debarment and suspension regulations implementing Executive Order 12549, *Debarment and Suspension* (1986) and Executive Order 12689, *Debarment and Suspension* (1989) at 2 C.F.R. Part 180 and the Department of Homeland Security's regulations at 2 C.F.R. Part 3000 (Non-procurement Debarment and Suspension), must be rejected and cannot receive contract awards at any level.

### **Public Policy**

A contractor must comply with the public policies of the Federal Government and state, local government, or tribal government. This includes, among other things, past and current compliance with the:

- a. Equal opportunity and nondiscrimination laws
- b. Five affirmative steps described at 2 C.F.R. § 200.321(b) for all subcontracting under contracts supported by FEMA financial assistance; and FEMA Procurement Guidance June 21, 2016 Page IV- 7
- c. Applicable prevailing wage laws, regulations, and executive orders

### **Affirmative Steps**

For any subcontracting opportunities, Contractor must take the following Affirmative steps:

1. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
2. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
3. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
4. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and
5. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

### **Prevailing Wage Requirements**

When applicable, the awarded Contractor (s) and any and all subcontractor(s) agree to comply with all laws regarding prevailing wage rates including the Davis-Bacon Act, applicable to this solicitation and/or Participating Public Agencies. The Participating Public Agency shall notify the Contractor of the applicable pricing/prevailing wage rates and must apply any local wage rates requested. The Contractor and any subcontractor(s) shall comply with the prevailing wage rates set by the Participating Public Agency.

### **Federal Requirements**

If products and services are issued in response to an emergency or disaster recovery the items below, located in this FEMA Special Conditions section of the Federal Funds Certifications, are activated and required when federal funding may be utilized.

### **2 C.F.R. § 200.326 and 2 C.F.R. Part 200, Appendix II, Required Contract Clauses**

#### **1. REMEDIES**

- a. Standard. Contracts for more than the simplified acquisition threshold, currently set at \$250,000, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate. See 2 C.F.R. Part 200, Appendix II(A).

- b. Applicability. This requirement applies to all FEMA grant and cooperative agreement programs.

## 2. TERMINATION FOR CAUSE AND CONVENIENCE

- a. Standard. All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity, including the manner by which it will be effected and the basis for settlement. See 2 C.F.R. Part 200, Appendix II(B).
- b. Applicability. This requirement applies to all FEMA grant and cooperative agreement programs.

## 3. EQUAL EMPLOYMENT OPPORTUNITY

When applicable:

- a. Standard. Except as otherwise provided under 41 C.F.R. Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. § 60-1.4(b), in accordance with Executive Order 11246, *Equal Employment Opportunity* (30 Fed. Reg. 12319, 12935, 3 C.F.R. Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, *Amending Executive Order 11246 Relating to Equal Employment Opportunity*, and implementing regulations at 41 C.F.R. Part 60 (Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor). See 2 C.F.R. Part 200, Appendix II(C).
- b. Key Definitions.
  - i. Federally Assisted Construction Contract. The regulation at 41 C.F.R. § 60-1.3 defines a "federally assisted construction contract" as any agreement or modification thereof between any applicant and a person for construction work which is paid for in whole or in part with funds obtained from the Government or borrowed on the credit of the Government pursuant to any Federal program involving a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, or any application or modification thereof approved by the Government for a grant, contract, loan, insurance, or guarantee under which the applicant itself participates in the construction work.
  - ii. Construction Work. The regulation at 41 C.F.R. § 60-1.3 defines "construction work" as the construction, rehabilitation, alteration, conversion, extension, demolition or repair of buildings, highways, or other changes or improvements to real property, including facilities providing utility services. The term also includes the supervision, inspection, and other onsite functions incidental to the actual construction.
- c. Applicability. This requirement applies to all FEMA grant and cooperative agreement programs.
- d. Required Language. The regulation at 41 C.F.R. Part 60-1.4(b) requires the insertion of the following contract clause.

During the performance of this contract, the contractor agrees as follows:

**(1)** The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

**(2)** The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

**(3)** The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

**(4)** The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

**(5)** The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

**(6)** The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

**(7)** In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

**(8)** The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor

or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: *Provided*, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

#### 4. DAVIS-BACON ACT

- a. Standard. All prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. §§ 3141-3144 and 3146-3148) as supplemented by Department of Labor regulations at 29 C.F.R. Part 5 (Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction). See 2 C.F.R. Part 200, Appendix II(D). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week.
- b. Applicability. The Davis-Bacon Act applies to the Emergency Management Preparedness Grant Program, Homeland Security Grant Program, Nonprofit Security Grant Program, Tribal Homeland Security Grant Program, Port Security Grant Program, and Transit Security Grant Program.
- c. Requirements. If applicable, the non-federal entity must do the following:
  - i. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract

must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

- ii. Additionally, pursuant 2 C.F.R. Part 200, Appendix II(D), contracts subject to the Davis-Bacon Act, must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations at 29 C.F.R. Part 3 (Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States). The Copeland Anti- Kickback Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non- Federal entity must report all suspected or reported violations to FEMA.
- iii. Include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction").

Suggested Language. The following provides a sample contract clause: Compliance with the Davis-Bacon Act.

- a. All transactions regarding this contract shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The contractor shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable.
- b. Contractors are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.
- c. Additionally, contractors are required to pay wages not less than once a week.

## 5. COPELAND ANTI-KICKBACK ACT

- a. Standard. Recipient and subrecipient contracts must include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States").
- b. Applicability. This requirement applies to all contracts for construction or repair work above \$2,000 in situations where the Davis-Bacon Act also applies. It DOES NOT apply to the FEMA Public Assistance Program.
- c. Requirements. If applicable, the non-federal entity must include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations at 29 C.F.R. Part 3 (Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States). Each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public

work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to FEMA. Additionally, in accordance with the regulation, each contractor and subcontractor must furnish each week a statement with respect to the wages paid each of its employees engaged in work covered by the Copeland Anti-Kickback Act and the Davis Bacon Act during the preceding weekly payroll period. The report shall be delivered by the contractor or subcontractor, within seven days after the regular payment date of the payroll period, to a representative of a Federal or State agency in charge at the site of the building or work.

Sample Language. The following provides a sample contract clause:

Compliance with the Copeland "Anti-Kickback" Act.

- a. Contractor. The contractor shall comply with 18 U.S.C. §874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.
- b. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. §5.12."

**6. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

- a. Standard. Where applicable (see 40 U.S.C. §§ 3701-3708), all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations at 29 C.F.R. Part 5. See 2 C.F.R. Part 200, Appendix II(E). Under 40 U.S.C. § 3702, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Further, no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous.
- b. Applicability. This requirement applies to all FEMA contracts awarded by the non-federal entity in excess of \$100,000 under grant and cooperative agreement programs that involve the employment of mechanics or laborers. It is applicable to construction work. These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.
- c. Suggested Language. The regulation at 29 C.F.R. § 5.5(b) provides contract clause language concerning compliance with the Contract Work Hours and Safety Standards Act. FEMA suggests including the following contract clause:

Compliance with the Contract Work Hours and Safety Standards Act.

(1) *Overtime requirements.* No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) *Violation; liability for unpaid wages; liquidated damages.* In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) *Withholding for unpaid wages and liquidated damages.* The Federal agency or loan/grant recipient shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) *Subcontracts.* The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

**7. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT**

- a. Standard. If the FEMA award meets the definition of "funding agreement" under 37 C.F.R. § 401.2(a) and the non-Federal entity wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the non-Federal entity must comply with the requirements of 37 C.F.R. Part 401 (Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements), and any implementing regulations issued by FEMA. See 2 C.F.R. Part 200, Appendix II(F).
- b. Applicability. This requirement applies to "funding agreements," but it DOES NOT apply to the Public Assistance, Hazard Mitigation Grant Program, Fire Management Assistance Grant Program, Crisis Counseling Assistance and Training Grant Program, Disaster Case Management Grant Program, and Federal Assistance to Individuals and Households – Other Needs Assistance Grant Program, as FEMA awards under these programs do not meet the definition of "funding agreement."

- c. Funding Agreements Definition. The regulation at 37 C.F.R. § 401.2(a) defines "funding agreement" as any contract, grant, or cooperative agreement entered into between any Federal agency, other than the Tennessee Valley Authority, and any contractor for the performance of experimental, developmental, or research work funded in whole or in part by the Federal government. This term also includes any assignment, substitution of parties, or subcontract of any type entered into for the performance of experimental, developmental, or research work under a funding agreement as defined in the first sentence of this paragraph.

## 8. CLEAN AIR ACT AND THE FEDERAL WATER POLLUTION CONTROL ACT

- a. Standard. If applicable, contracts must contain a provision that requires the contractor to agree to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. §§ 7401-7671q.) and the Federal Water Pollution Control Act as amended (33 U.S.C. §§ 1251-1387). Violations must be reported to FEMA and the Regional Office of the Environmental Protection Agency. See 2 C.F.R. Part 200, Appendix II(G).
- b. Applicability. This requirement applies to contracts awarded by a non-federal entity of amounts in excess of \$150,000 under a federal grant.
- c. Suggested Language. The following provides a sample contract clause.

### Clean Air Act

1. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
2. The contractor agrees to report each violation to the Participating Public Agency and understands and agrees that the Participating Public Agency will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

### Federal Water Pollution Control Act

1. The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
2. The contractor agrees to report each violation to the Participating Public Agency and understands and agrees that the Participating Public Agency will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

9. **DEBARMENT AND SUSPENSION**

- a. Standard. Non-Federal entities and contractors are subject to the debarment and suspension regulations implementing Executive Order 12549, *Debarment and Suspension* (1986) and Executive Order 12689, *Debarment and Suspension* (1989) at 2 C.F.R. Part 180 and the Department of Homeland Security's regulations at 2 C.F.R. Part 3000 (Non-procurement Debarment and Suspension).
- b. Applicability. This requirement applies to all FEMA grant and cooperative agreement programs.
- c. Requirements.
  - i. These regulations restrict awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs and activities. See 2 C.F.R. Part 200, Appendix II(H); and 2 C.F.R. § 200.213. A contract award must not be made to parties listed in the SAM Exclusions. SAM Exclusions is the list maintained by the General Services Administration that contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. SAM exclusions can be accessed at [www.sam.gov](http://www.sam.gov). See 2 C.F.R. § 180.530.
  - ii. In general, an "excluded" party cannot receive a Federal grant award or a contract within the meaning of a "covered transaction," to include subawards and subcontracts. This includes parties that receive Federal funding indirectly, such as contractors to recipients and subrecipients. The key to the exclusion is whether there is a "covered transaction," which is any non-procurement transaction (unless excepted) at either a "primary" or "secondary" tier. Although "covered transactions" do not include contracts awarded by the Federal Government for purposes of the non-procurement common rule and DHS's implementing regulations, it does include some contracts awarded by recipients and subrecipients.
  - iii. Specifically, a covered transaction includes the following contracts for goods or services:
    - 1. The contract is awarded by a recipient or subrecipient in the amount of at least \$25,000.
    - 2. The contract requires the approval of FEMA, regardless of amount.
    - 3. The contract is for federally-required auditservices.
    - 4. A subcontract is also a covered transaction if it is awarded by the contractor of a recipient or subrecipient and requires either the approval of FEMA or is in excess of \$25,000.
- d. Suggested Language. The following provides a debarment and suspension clause. It incorporates an optional method of verifying that contractors are not excluded or disqualified.

Suspension and Debarment

- (1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2

C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

- (2) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- (3) This certification is a material representation of fact relied upon by the Participating Public Agency. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the Participating Public Agency, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

#### 10. BYRD ANTI-LOBBYING AMENDMENT

- a. Standard. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. § 1352. FEMA's regulation at 44 C.F.R. Part 18 implements the requirements of 31 U.S.C. § 1352 and provides, in Appendix A to Part 18, a copy of the certification that is required to be completed by each entity as described in 31 U.S.C. § 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the Federal awarding agency.
- b. Applicability. This requirement applies to all FEMA grant and cooperative agreement programs. Contractors that apply or bid for a contract of \$100,000 or more under a federal grant must file the required certification. See 2 C.F.R. Part 200, Appendix II(I); 31 U.S.C. § 1352; and 44 C.F.R. Part 18.
- c. Suggested Language.

Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

- d. Required Certification. If applicable, contractors must sign and submit to the non-federal entity the following certification.

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, \_\_\_\_\_, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. Chap.

38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

\_\_\_\_\_  
Signature of Contractor's Authorized Official Name and Title of Contractor's Authorized Official Date

\_\_\_\_\_

\_\_\_\_\_

**11. PROCUREMENT OF RECOVERED MATERIALS**

- a. Standard. A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. See 2 C.F.R. Part 200, Appendix II(J); and 2 C.F.R. § 200.322.
- b. Applicability. This requirement applies to all contracts awarded by a non- federal entity under FEMA grant and cooperative agreement programs.
- c. Requirements. The requirements of Section 6002 include procuring only items designated in guidelines of the EPA at 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired by the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.
- d. Suggested Language.
  - i. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—
    1. Competitively within a timeframe providing for compliance with the contract performance schedule;
    2. Meeting contract performance requirements; or
    3. At a reasonable price.
  - ii. Information about this requirement, along with the list of EPA- designated items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.
  - iii. The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act."

**12. ACCESS TO RECORDS**

- a. Standard. All recipients, subrecipients, successors, transferees, and assignees must acknowledge and agree to comply with applicable provisions governing DHS access to records, accounts, documents, information, facilities, and staff. Recipients must give DHS/FEMA access to, and the right to examine and copy, records, accounts, and other documents and sources of information related to the federal financial assistance award and permit access to facilities, personnel, and other individuals and information as may be necessary, as required by DHS regulations and other applicable laws or program guidance. See DHS Standard Terms and Conditions: Version 8.1 (2018). Additionally, Section 1225 of

the Disaster Recovery Reform Act of 2018 prohibits FEMA from providing reimbursement to any state, local, tribal, or territorial government, or private non-profit for activities made pursuant to a contract that purports to prohibit audits or internal reviews by the FEMA administrator or Comptroller General.

Access to Records. The following access to records requirements apply to this contract:

- i. The Contractor agrees to provide Participating Public Agency, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- ii. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- iii. The Contractor agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.
- iv. In compliance with the Disaster Recovery Act of 2018, the Participating Public Agency and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

### 13. CHANGES

- a. Standard. To be eligible for FEMA assistance under the non-Federal entity's FEMA grant or cooperative agreement, the cost of the change, modification, change order, or constructive change must be allowable, allocable, within the scope of its grant or cooperative agreement, and reasonable for the completion of project scope.
- b. Applicability. FEMA recommends, therefore, that a non-Federal entity include a changes clause in its contract that describes how, if at all, changes can be made by either party to alter the method, price, or schedule of the work without breaching the contract. The language of the clause may differ depending on the nature of the contract and the end-item procured.

### 14. DHS SEAL, LOGO, AND FLAGS

- a. Standard. Recipients must obtain permission prior to using the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials. See DHS Standard Terms and Conditions: Version 8.1 (2018).
- b. Applicability. FEMA recommends that all non-Federal entities place in their contracts a provision that a contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.
- c. "The contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

## 15. COMPLIANCE WITH FEDERAL LAW, REGULATIONS, AND EXECUTIVE ORDERS

- a. Standard. The recipient and its contractors are required to comply with all Federal laws, regulations, and executive orders.
- b. Applicability. FEMA recommends that all non-Federal entities place into their contracts an acknowledgement that FEMA financial assistance will be used to fund the contract along with the requirement that the contractor will comply with all applicable Federal law, regulations, executive orders, and FEMA policies, procedures, and directives.
- c. "This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives."

## 16. NO OBLIGATION BY FEDERAL GOVERNMENT

- a. Standard. FEMA is not a party to any transaction between the recipient and its contractor. FEMA is not subject to any obligations or liable to any party for any matter relating to the contract.
- b. Applicability. FEMA recommends that the non-Federal entity include a provision in its contract that states that the Federal Government is not a party to the contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.
- c. "The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract."

## 17. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS

- a. Standard. Recipients must comply with the requirements of The False Claims Act (31 U.S.C. §§ 3729-3733) which prohibits the submission of false or fraudulent claims for payment to the federal government. See DHS Standard Terms and Conditions: Version 8.1 (2018); and 31 U.S.C. §§ 3801-3812, which details the administrative remedies for false claims and statements made. The non-Federal entity must include a provision in its contract that the contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to its actions pertaining to the contract.
- b. Applicability. FEMA recommends that the non-Federal entity include a provision in its contract that the contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to its actions pertaining to the contract.
- c. "The Contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor's actions pertaining to this contract."

## 18. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

- a. Applicability: This requirement applies to all FEMA grant and cooperative agreement programs.
- b. Contracts and subgrants expending Federal loan or grant funds shall not: (i) procure or obtain; (ii) extend or renew a contract to procure or obtain; or (iii) enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. See 2 C.F.R. Part 200, Appendix II, ¶ K.
- c. As described in Public Law 115-232, section 889, covered telecommunications equipment under 2 C.F.R. § 200.216 include:
  - i. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
  - ii. For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
  - iii. Telecommunications or video surveillance services provided by such entities or using such equipment.
  - iv. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

## 19. DOMESTIC PREFERENCES FOR PROCUREMENTS

- a. Applicability: This requirement applies to all FEMA grant and cooperative agreement programs.
- b. Contracts and purchase orders for work or products under a subaward must include a provision that requires the non-Federal entity to provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). See 2 C.F.R. Part 200, Appendix II, ¶ L.
  - i. "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
  - ii. "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

Contractor agrees to comply with all terms and conditions outlined in the FEMA Special Conditions section of this solicitation.

Contractor's Name:

\_\_\_\_\_

Address, City, State, and Zip Code:

\_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Printed Name and Title of Authorized Representative: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature of Authorized Representative: \_\_\_\_\_

Date: \_\_\_\_\_

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

BY:   
Jonathan Delagrave  
Racine County Executive

DATE: 8-31-2021

BY: \_\_\_\_\_  
Wendy M. Christensen  
Racine County Clerk

DATE: \_\_\_\_\_

**GARLAND/DBS Inc.**  
BY:   
DATE: 08/24/2021

**REVIEWED BY FINANCE DIRECTOR**

 8/25/21  
Sign Date

Date 8-31-2021  
Certified to be correct as to form

By   
Racine County Corporation Counsel

  
Wendy M. Christensen  
Racine County Clerk 8/31/2021

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

AMENDMENT NO. SIX (6)

This Amendment No. Five is effective January 1, 2022 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91st Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

1. WORK:

To add products, delete products no longer available, and modify pricing as necessary (both increases and decreases) to account for market changes in manufacturing and worker safety.

Details are provided in the Bid Form located in Attachment A of this Amendment No. 6.

2. PRICE:

The County agrees to the revised prices, products, and services.

Details are provided in the Bid Form, located in Attachment A of this Amendment No. Six. 2022 material price list details can also be provided upon request.

ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.

RACINE COUNTY

BY:

Jonathan Delagrave  
Jonathan Delagrave  
Racine County Executive

REVIEWED BY FINANCE DIRECTOR

3/15/22  
Sign Date

DATE: 03/21/2022

BY:

Wendy M. Christensen  
Wendy M. Christensen  
Racine County Clerk

Date 03.16.2022  
Certified to be correct as to form

By [Signature]  
Racine County Corporation Counsel

DATE: 3/21/2022

GARLAND/DBS Inc.

BY: A. A. Orlacchio

DATE: 3/15/2022  
Allan A. Orlacchio  
President

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. SEVEN (7)**

This Amendment No. Seven (7) is effective June 15, 2022 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

To modify pricing as necessary to account for market changes, supply chain issues, raw material shortages, logistic issues, oil prices, inflation, and product line increases.

Details are provided in Attachment A of this Amendment No. 7.

**2. PRICE:**

The County agrees to the revised prices.

Details are located in Attachment A.

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

DocuSigned by:  
*Jonathan Delagrave*  
BY: \_\_\_\_\_  
Jonathan Delagrave  
Racine County Executive

DATE: 8/23/2022

DocuSigned by:  
*Wendy Christensen*  
BY: \_\_\_\_\_  
Wendy M. Christensen  
Racine County Clerk

DATE: 8/23/2022

DocuSigned by:  
*Eileen Zimmer*  
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8/23/2022

DocuSigned by:  
*Michael J. Lanzdorf*  
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8/23/2022

**GARLAND/DBS Inc.**  
DocuSigned by:  
*Brian Lambert*  
BY: \_\_\_\_\_  
DATE: 8/23/2022

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. EIGHT (8)**

This Amendment No. Eight (8) is effective January 5, 2023 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

To modify pricing as necessary to account for market changes, supply chain issues, raw material shortages, logistic issues, oil prices, inflation, and product line increases.

Details are provided in Attachment A of this Amendment No. 8.

**2. PRICE:**

The County agrees to the revised prices.

Details are located in Attachment A.

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

DocuSigned by:  
*Jonathan Delagrave*  
BY: \_\_\_\_\_  
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Jonathan Delagrave  
Racine County Executive  
1/18/2023

DocuSigned by:  
*Ewen Zimmer*  
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1/13/2023

DocuSigned by:  
*Wendy Christensen*  
BY: \_\_\_\_\_  
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Wendy M. Christensen  
Racine County Clerk  
1/18/2023

DocuSigned by:  
*Michael Lanzdorf*  
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1/17/2023

DocuSigned by:  
*Brian Lambert*  
BY: \_\_\_\_\_  
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DATE: 1/13/2023

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. NINE (9)**

This Amendment No. Nine (9) is effective September 5, 2023 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

- a) To correct a clerical error from Amendment No. 8 which was made effective January 5, 2023.
- b) To add solar services and installation line items and pricing effective September 5, 2023.

Details are provided in Attachment A – Service Line-Item Pricing, and Attachment B – Material Pricing of this Amendment No. 9.

**2. SERVICES AND PRICING:**

The County agrees to the addition of services, products, and the revised pricing.

Details are located in Attachment A and Attachment B of this Amendment No. 9.

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

BY: Jonathan Delagrave  
DocuSigned by: Jonathan Delagrave  
 Jonathan Delagrave  
 Racine County Executive

DATE: 9/11/2023

DocuSigned by:  
Michael Lanzdorf  
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9/11/2023

BY: Wendy Christensen  
DocuSigned by: Wendy Christensen  
 Wendy Christensen  
 Racine County Clerk

DATE: 9/11/2023

DocuSigned by:  
Elven Zinner  
14A5552654004D4...

9/7/2023

**GARLAND/DBS Inc.**

BY: [Signature]  
 DATE: 9-6-23

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. TEN (10)**

This Amendment No. Ten (10) is effective December 15, 2023 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

a) To modify pricing as necessary to account for market changes, wage increases, material price increases, supply chain issues, logistic issues, oil prices, inflation, and product line increases.

b) To add new product offerings under the Garland Company brand name Wise Product Group.

Details are provided in Attachment A – Service Line Item Pricing, and Attachment B – Material Pricing of this Amendment No. 10.

**2. SERVICES AND PRICING:**

The County agrees to the addition of services, products, and the revised pricing.

Details are located in Attachment A and Attachment B of this Amendment No. 10.

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

DocuSigned by:  
BY: Jonathan Delagrave  
Jonathan Delagrave  
Racine County Executive

DATE: 12/18/2023

DocuSigned by:  
BY: Wendy Christensen  
Wendy M. Christensen  
Racine County Clerk

DATE: 12/18/2023

DocuSigned by:  
BY: Brian Lambert  
DATE: 12/14/2023

DocuSigned by:  
Michael Lanzdorf  
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12/14/2023

DocuSigned by:  
Aven Zimmer  
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12/14/2023



**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. ELEVEN (11)**

This Amendment No. Eleven is effective December 15, 2023 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**TERM:** The County is exercising the remaining renewal option for one (1) five (5) year term through October 14, 2029.

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

DocuSigned by:  
BY: Jonathan Delagrave  
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Jonathan Delagrave  
Racine County Executive

DATE: 1/3/2024

DocuSigned by:  
BY: Wendy Christensen  
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Wendy M. Christensen  
Racine County Clerk

DATE: 1/3/2024

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Michael Lanzdorf  
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1/2/2024

DocuSigned by:  
Kristopher Dement  
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12/28/2023

**GARLAND/DBS Inc.**

DocuSigned by:  
BY: Brian Lambert  
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DATE: 12/28/2023

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. TWELVE (12)**

This Amendment No. Twelve (12) is effective July 10, 2024 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

- a) To decrease pricing on Liquitex (including base coat) effective immediately.
- b) To update file format of Attachment B – Material Pricing, to create more clarity when auditing pricing schedules. Update to include the OMNIA Partners discount as the Total Price, not just MSRP.

Details are provided in Attachment B – Material Pricing of this Amendment No. 12.

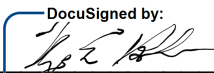
**2. PRICING:**

The County agrees to the revised pricing and format.

Details are located in Attachment B – Material Pricing of this Amendment No. 12. For convenience, all pricing documents, including Attachment A - Line Item Pricing, and Attachment C - Value Added Alternates are also attached.

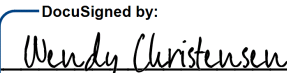
**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

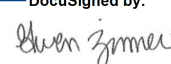
BY:   
 Thomas P. Reinhold  
 Racine County Executive

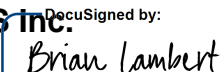
DATE: 7/25/2024

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 7/25/2024

BY:   
 Wendy M. Christensen  
 Racine County Clerk

DATE: 7/25/2024

DocuSigned by:  
  
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 7/25/2024

BY:   
 Brian Lambert  
 DATE: 7/25/2024



**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019**

**AMENDMENT NO. THIRTEEN (13)**

This Amendment No. Thirteen (13) is effective December 20, 2024 and is to modify the ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019 agreed upon by Racine County, Wisconsin, 730 Wisconsin Avenue, Racine, Wisconsin 53403 ("County") and Garland/DBS, Inc. 3800 East 91<sup>st</sup> Street, Cleveland, Ohio 44105 ("Contractor") (hereinafter each a "Party" and collectively referred to as "Parties") on September 27, 2019 ("Contract").

The Parties hereby agree to amend the Contract as follows:

**1. WORK:**

To increase pricing on Attachment A – Line Item Pricing, and Attachment B - Material pricing; due to increase in raw material costs, higher energy and manufacturing costs, supply chain disruptions, rising transportation and logistics costs, surge in demand, increased cost of labor, rising healthcare costs and inflationary pressures.

Details are provided in Attachment A – Line Item Pricing, and Attachment B – Material Pricing of this Amendment No. 13.

**2. PRICING:**

The County agrees to the revised pricing and format.

Details are located in Attachment A – Line Item Pricing, and Attachment B – Material Pricing of this Amendment No. 13.

**ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY.**

**RACINE COUNTY**

DocuSigned by:  
*Thomas Roanhouse*  
BY: \_\_\_\_\_  
711DD75FE83483  
Thomas Roanhouse  
Interim Racine County Executive

DATE: 12/23/2024  
\_\_\_\_\_

DocuSigned by:  
*Michael Lanzdorf*  
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12/20/2024

DocuSigned by:  
*Wendy Christensen*  
BY: \_\_\_\_\_  
114M39693111  
Wendy M. Christensen  
Racine County Clerk

DATE: 12/26/2024  
\_\_\_\_\_

DocuSigned by:  
*Shawn Zimmer*  
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12/20/2024

**GARLAND/DBS Inc.**

DocuSigned by:  
*Brian Lambert*  
BY: \_\_\_\_\_  
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DATE: 12/20/2024  
\_\_\_\_\_



## Public Works & Development Services

14200 Washington Avenue

Sturtevant, WI 53177

262-886-8440

fax: 262-886-8480

Finance Department

Racine County Courthouse  
730 Wisconsin Avenue  
Racine, WI 53403-1238  
Phone (262) 636-3700  
Fax (262) 636-3763

Duane McKinney  
Purchasing Coordinator

August 7, 2019

Dear Prospective Bidder:

You are invited to submit a bid to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services, for Racine County and other municipal governments and local public agencies. A copy of this solicitation is available for download at: <https://racinecounty.com/doing-business/purchasing-rfps-and-bids>. Sealed bids are due on or before **2:00 p.m. on Monday September 9, 2019** at the above address. Late bids will not be accepted.

Bids must be in a sealed envelope or box and show the Bidder's name, address, and solicitation number on the cover. Your bid must be manually signed and dated and include all requested information.

Any questions regarding this Invitation For Bid must be directed to:

Duane McKinney, Purchasing Coordinator  
Telephone: 262-636-3700  
[Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com)

No other Racine County employee or representative is authorized to provide information or interpret any portion of this solicitation. No contact from a vendor to any Racine County employee or elected official should be made during this process unless authorized by Racine County Finance.

General questions may be directed to the Purchasing Coordinator at 262-636-3700 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday.

*If your firm chooses not to submit a bid for this procurement, please complete Attachment A – No Bid Form.*

RACINE COUNTY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS; TO WAIVE ANY TECHNICALITY OR ERROR IN ANY BID OR PART THEREIN, AND TO ACCEPT THE SAME OR COMBINATIONS, IN WHOLE OR IN PART, WHICHEVER IS DEEMED TO BE IN THE BEST INTEREST OF RACINE COUNTY IN ITS SOLE AND EXCLUSIVE DISCRETION.

Sincerely,

*Duane McKinney*

Duane McKinney  
Purchasing Coordinator  
Encl: Bid Package

**INVITATION FOR BID**

**Bid # PW1925**

**Roofing Supplies and Services, Waterproofing, and Related Products  
and Services**

**A. INSTRUCTIONS TO BIDDERS**

1. BIDDER'S QUESTIONS

Bidders are reminded to carefully examine the bid and specifications upon receipt. If the Bidder does not fully understand the Invitation For Bid (IFB) or is in doubt as to the County's ideas or intentions concerning any portion of the IFB, any/all questions shall be submitted in writing to Duane McKinney, Purchasing Coordinator, by **4:00 p.m.** on **Monday August 19, 2019**, either by fax or e-mail for interpretation or correction of any printed material.

Fax: 262-636-3763

E-mail: [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com)

No verbal explanation or instructions will be given in regard to the meaning of the specifications during the bid period. If necessary, in Racine County's sole discretion, answers to questions will be provided to all specification holders in the form of an addendum. Any addendum will include a list of each question received and Racine County's response as of the date of the addendum.

2. NON-MANDATORY PRE-BID MEETING

A **non-mandatory** pre-bid meeting will be held at **9:00 a.m. local time on Thursday, August 15, 2019**, in the 1<sup>st</sup> floor conference room of the Racine County Courthouse, located at 730 Wisconsin Avenue, Racine, WI. While non-mandatory, it is strongly encouraged for Bidder's to attend the pre-bid meeting. Oral statements or discussions during the pre-bid meeting will not be binding. Any questions should be submitted in writing per item 1. of this Section. Changes, if any, will only be made in writing via Addenda as described in item 3. Addenda.

3. ADDENDA

Any changes made as a result of a written request will be issued via bid addenda to all prospective bidders and if necessary, an extension will be made to the bid opening date. Addenda will be posted to the Racine County Website ([racinecounty.com](http://racinecounty.com)) under Bids/Proposals. Bidders are responsible for checking this website for any future addenda, etc. prior to the opening date. All addenda must be signed and returned with your bid. Bidders who do not return the addenda may have their bids rejected. If you are unable to access the internet, contact Racine County Finance Department at 262-636-3129 for a hard copy.

If the Bidder receives a proposal packet from any source or entity other than Racine County Finance, the Bidder is responsible for contacting Racine County Finance and requesting the firm's name be put on the bid list for the project. Failure to do so in no way obligates the County to send out addendum or other information concerning this request to the firm.

4. METHOD OF BID

Bidders shall submit bids on the Bid Form attached to this IFB and incorporated herein as Attachment C, and shall submit all other information and materials required by this IFB. A legally authorized representative of the Bidder shall sign the Certification of Vendor section of this IFB. Bids written in pencil or in a format other than the attached forms will be rejected. Erasures or corrections of mistakes on Bid Form will be initialed or signed by Bidder. Failure to meet any requirements listed in this bid document may be cause for disqualification of the bid.

Any information considered to be proprietary by a Bidder must be plainly marked as such and may not include pricing. Racine County makes no warranty or representation as to the application of the Wisconsin Public Records Law (Wis. Stat. § 19.31, *et seq.*) (the "WPRL") to any documents and information submitted in response to this IFB.

5. INCURRING COSTS

Racine County is not liable for any costs incurred in replying to this IFB.

6. TWO COPIES ARE REQUIRED

Unless otherwise specified, one (1) original and one (1) copy, and two (2) flash drives of your bid response are required. At least one (1) response must have an original signature in **blue** ink under Certification of Vendor.

7. ADDITIONAL DATA WITH BID

Bidders may include any additional information deemed advantageous to Racine County. Consideration of additional data and information is to be held optional to Racine County however if an award is made, it will be awarded as outlined in item 3. Award under Section D. Award Information.

8. ADDRESSING OF BIDS

The bid shall be submitted in a sealed envelope; no faxes or electronic submissions are permitted. Sealed envelope shall be marked with Bidder's name and return address and shall be addressed as follows:

TO: PURCHASING COORDINATOR  
RACINE COUNTY COURTHOUSE, 4<sup>th</sup> FLOOR  
730 WISCONSIN AVE  
RACINE, WI 53403-1238

On the front of the envelope write: **ROOFING SUPPLIES AND SERVICES,  
WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES  
Solicitation Number: PW1925  
DUE: September 9, 2019**

9. DUE DATE

Sealed bids will be accepted by Racine County Finance until **2:00 P.M. CDT, Monday September 9, 2019**. All Bids will be reviewed and evaluated as described in Section D, Award Information..

Any Bid received by the County after this date and time will be not be accepted. Bidders are responsible for ensuring that the above office receives its Bid before the deadline.

10. AMENDMENTS TO BIDS

Subject and pursuant to Wis. Stat. § 66.0901(5), each Bidder will be allowed a period of forty-eight (48) hours after the time and date set for receipt of bids to notify the County in writing of a material mistake in the bid. However, no changes to the line item prices in Bid Form, included as part of this bid, are permitted after sealed bids are accepted by the due date and time outlined in this IFB. Failure of Bidder to notify the County in the manner and within the time limit specified above will constitute a waiver by the Bidder of all rights and remedies relative to a material mistake.

Formal bid amendments thereto, or requests for withdrawal of bid received by Racine County after time specified for opening will not be considered.

11. LATE BIDS

Late bids will not be accepted and will be returned unopened.

12. WITHDRAWAL OF BIDS

Bids may be withdrawn by written or electronic request received from Bidder prior to time and date fixed for bid opening if the Bid contains a mistake, omission, or error. Subject to Wis. Stat. § 66.0901(5), negligence on the part of the Bidder in preparing the bid confers no right for withdrawal of the bid after it has been opened. Bids that are withdrawn prior to the time and date set for bid opening will be returned unopened, and the Bidder may not re-bid upon this IFB unless no contract is awarded under this IFB and this IFB is re-advertised.

13. BIDS BINDING – 60 DAYS

Unless otherwise specified, all formal bids submitted shall be binding for sixty (60) calendar days following bid-opening date.

**B. TERMS AND CONDITIONS**

1. GENERAL TERMS AND CONDITIONS

The successful Bidder (the “Contractor”) agrees to all of Racine County’s General Terms and Conditions located at <https://racinecounty.com/home/showdocument?id=11726> and incorporated by reference herein.

2. INSURANCE

i. Requirement:

Contractor shall procure and maintain in full force and effect for the duration of this Agreement, insurance protecting against claims for injuries to persons or damages to property which may arise from or in connection with performance of the work

hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

ii. Minimum Limits of Insurance:

Contractor shall maintain insurance policies with coverage and limits no less than:

1. Commercial General Liability: \$1,000,000 combined single limit per occurrence for comprehensive coverage including bodily and personal injury, sickness, disease or death, injury to or destruction of property, including loss of use resulting therefrom, damage for premises/operations, products/completed operations, independent contractors and contractual liability (specifically covering the indemnity), broad-from property damage, and underground, explosion and collapse hazard. This coverage may be achieved by using an excess or umbrella policy. The policy or policies must be on "an occurrence" basis ("claims made" coverage is not acceptable).
2. Commercial Automobile Liability (owned, non-owned and hired): \$1,000,000 combined single limit per occurrence and for bodily and personal injury, sickness, disease or death, injury to or destruction of property, including loss of use resulting therefrom.
3. Workers' Compensation and Employers Liability: Workers' Compensation limits as required by the State of Wisconsin and Employers Liability of \$1,000,000 per occurrence or disease.
4. Professional Liability (Errors and Omissions) Coverage: \$1,000,000 combined single limit per occurrence is required, in the event a contractor is performing design, engineering or other professional services.
5. Commercial Umbrella or Excess Liability Coverage: \$2,000,000 in liability excess coverage per occurrence above the contracts stated minimum coverage limits for Commercial General Liability, Commercial Automobile Liability, and the Workers' Compensation and Employers Liability policies of insurance. This may be satisfied by having the underlying liability limits that equal or exceed the combined amount of the underlying liability limits and umbrella coverage.
6. Builder's "All Risk" Insurance: In the event Contractor is performing construction services under the Contract, Contractor shall procure and maintain "All-Risk" Builder's insurance, written on a commercially recognized policy form, providing coverage for the Work performed under the contract, and the materials, equipment or other items incorporated therein, while the same are located at the construction site, stored off-site, or at the place of manufacture. The policy limit shall be in a minimum amount equal to the "full insurable value" of such equipment and 100% of the value of the Contract, including any additional costs which are normally insured under such policy. The insurance coverage shall include boiler and machinery insurance on a comprehensive basis and include coverage against damage or loss caused by earth movement (including but not limited to earthquake, landslide, subsidence and volcanic eruption), fire, flood, hurricanes, explosion, hail, lightning, weather, vandalism, malicious mischief,

wind, collapse, riot, aircraft, smoke, or other cataclysmic events, and coverage against damage or loss caused by machinery accidents and operational and performance testing, commissioning and start-up, with extended coverage, and providing coverage for transit, with sub-limits sufficient to insure the full replacement value of the property or equipment removed from its site and while located away from its site until the date of final acceptance of the Work.

The making of progress payments to the Contractor shall not be construed as relieving the Contractor or its subcontractors or insurance carriers providing the coverage described herein for responsibility for loss or direct physical loss, damage or destruction occurring prior to final acceptance of the Work.

iii. Deductibles and Self-Insured Retention

Any deductibles or self-insurance retentions must be declared to and approved by Racine County so that the County may ensure the financial solvency of the Contractor. At the option of the County, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, and employees; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses. Contractor shall pay all deductibles and be liable for all claims, losses and damages for which it self-insures.

iv. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability, Automobile Liability, and Umbrella/Excess Insurance

- a. Additional Insured Requirement. Racine County, its elected and appointed officials, officers, boards, commissions, officers, employees, representatives, servants, volunteers and agents (hereinafter referred to as "Insured Party" or "Insured Parties") are to be **covered as additional insureds** as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor, premises owned, leased, or used by the Contractor; and automobiles owned, leased, hired, or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Insured Parties. Nothing contained in this section shall be construed to require the Contractor to provide liability insurance coverage to the any Insured Party for claims asserted against such Insured Party for its sole negligence.
- b. Primary Insurance Requirement. The Contractor's insurance coverage shall be primary and noncontributing insurance as respects to any other insurance or self-insurance available to the Insured Parties. Any insurance or self-insurance maintained by the Insured Parties shall be in excess of the Contractor's insurance and shall not contribute with it.
- c. Reporting Requirement. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Insured Parties.

- d. **Separate Coverage.** Coverage shall state that the Contractor's insurance shall apply separately to each Insured Party against whom claim is made or suit is brought.
- e. **Defense Costs/Cross Liability.** Coverage shall be provided on a "pay on behalf" basis, with defense costs payable in addition to policy limits. There shall be no cross liability exclusion.
- v. **Workers' Compensation and Employers Liability Coverage**  
The Contractor shall have and maintain in full force and effect for the duration of this Agreement, insurance protecting against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Work by the Contractor, its agents, representatives, employees or subcontractors. The insurer shall agree to waive all rights of subrogation against Racine County, and its officers, officials, employees and volunteers for losses arising from the work performed by the Contractor for Racine County.
- vi. **Waiver of Subrogation**  
The insurers shall agree under each policy of insurance required by this Contract to waive all rights of subrogation against the Insured Parties for losses arising from work performed by the Contractor for Racine County.
- vii. **All Coverages**
  - 1. **Notice Requirement.**  
  
Each insurance policy required by this Contract shall be endorsed to state that coverage shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to Racine County Courthouse, Purchasing Department, 730 Wisconsin Avenue, Racine, WI 53403. The County reserves the right to accept alternate notice terms and provisions provided they meet the minimum requirements under Wisconsin law.
  - 2. **Acceptability.**  
  
The insurance to be maintained by Contractor must be issued by a company licensed or approved to transact business in the State of Wisconsin. Such insurance shall be placed with insurers with a Best's Policyholder's Rating of "A" or better and with a financial rating of Class VII or greater, or be otherwise acceptable to Racine County. All policies shall be subject to approval by the Racine County Corporation Counsel as to form and content.
  - 3. **Failure of Insurers.**  
  
The Contractor shall be responsible for any delay resulting from the failure of any insurer to furnish proof of coverage in the prescribed form.

viii. Verification of Coverage

Contractor shall furnish Racine County with certificates of insurance and endorsements to the policies evidencing all coverages required by this Contract. Additionally, the declarations page for each insurance policy listed on the certificate of insurance shall be submitted to the County. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements shall be received and approved by the County before any work commences. Racine County reserves the right to require complete, certified copies of all required insurance policies at any time. The contractor shall provide proof that any expiring coverage has been renewed or replaced prior to the expiration of the coverage

ix. Subcontractors

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated in this Agreement, including, but not limited to, naming the Insured Parties as additional insureds.

3. Bidder SUPPLIED DOCUMENTATION AND MATERIALS; CONFIDENTIALITY

All Bidder-supplied materials, including the Bidder's Bid, become the property of Racine County.

Bidder acknowledges that Racine County is an "authority" for the purposes of the WPRL. Any information obtained by Racine County is considered public records and will be subject to disclosure under the WPRL, except for information falling within one of the exemptions therefrom. Racine County is required to and shall comply with the WPRL in relation to any records, documents and information related to its dealings and relationship with the Bidder. Nothing in the Master Agreement shall be deemed or construed as a limitation on Racine County's discretion relating to compliance with the WPRL or other applicable law.

Notwithstanding the foregoing, if any of the material a Bidder provides is confidential or is a proprietary trade secret, Bidder may mark that material with a "Confidential" stamp. While Racine County will attempt to keep such information confidential, as an authority, it cannot guaranty that it will remain confidential. Racine County will endeavor to inform Bidders of a public records request to view or obtain such information. Any Bidder may contest such a request at its sole expense. Racine County assumes no responsibility for any liability whatsoever in relation to its compliance with the WPRL.

4. AFFIRMATIVE ACTION; NON-DISCRIMINATION

Racine County is committed to fulfilling its role as an Affirmative Action/Equal Opportunity Employer. We request your vigorous support of our Affirmative Action efforts. Our relationship with your agency is based upon your willingness to accept and comply with Executive Order 11246, as amended, and other federal laws requiring equal employment opportunity without regard to race, religion, color, national origin, sex, disability or veteran status. By signing the Certification of Vendor on the Bid Page, you indicate your acceptance and compliance.

In connection with the performance of work awarded under this IFB, the Contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined in Wis. Stat. § 51.01(5)(a), sexual orientation as provided in Wis. Stat. § 111.36, national origin, or military service as provided in Wis. Stat. § 111.355(1). This provision shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor further agrees to take affirmative action to ensure equal employment opportunities. The Contractor agrees to post in conspicuous places, available for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the non-discrimination clause (Wis. Stat. § 16.765 (2)).

5. NATIONAL CONTRACT

Subject to its fiduciary and statutory obligations, Racine County, as the Principal Procurement Agency, defined in Attachment B – National Cooperative Contract to be Administered by OMNIA Partners, intends to partner with OMNIA Partners to make the resultant contract (also known as the “Master Agreement” in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit (“Public Agencies”), through OMNIA Partners’ cooperative purchasing program. Racine County is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a “Participating Public Agency”). Attachment B – National Cooperative Contract to be Administered by OMNIA Partners contains additional information about OMNIA Partners and the cooperative purchasing agreement.

OMNIA Partners is the largest and most experienced purchasing organization for public and private sector procurement. Through the economies of scale created by OMNIA Partners public sector subsidiaries, National IPA and U.S. Communities, participants have access to more competitively solicited and publicly awarded cooperative agreements. The lead agency contracting process continues to be the foundation for the OMNIA Partners programs. OMNIA Partners is proud to offer more value and resources to state and local government, higher education, K-12 education and non-profits.

OMNIA Partners provides shared services and supply chain optimization to government, education and the private sector. As a channel partner with Vizient

(formally, Novation), OMNIA Partners leverages over \$100 billion in annual supply spend to command the best prices for products and services. With corporate, pricing and sales commitments from the Contractor, OMNIA Partners provides marketing and administrative support for the Contractor that directly promotes the Contractor's products and services to Participating Public Agencies through multiple channels, each designed to promote specific products and services to Public Agencies on a national basis. Public Agencies benefit from pricing based on aggregate spend and the convenience of a contract that has already been advertised and publicly competed. The Contractor benefits from a contract that allows Participating Public Agencies to directly purchase goods and services without the Contractor's need to respond to additional competitive solicitations. As such, the Contractor must be able to accommodate a nationwide demand for services and to fulfill obligations as a nationwide Contractor and respond to the OMNIA Partners documents (Attachment B).

While no minimum volume is guaranteed to the Contractor, the estimated annual volume of Roofing Supplies and Services, Waterproofing and Related Products and Services Specifications purchased under the Master Agreement through OMNIA Partners, Public Sector is approximately \$200M. This projection is based on the current annual volumes among Racine County, other Participating Public Agencies anticipated to utilize the resulting Master Agreement to be made available to them through OMNIA Partners, and volume growth into other Public Agencies through a coordinated marketing approach between the Contractor and OMNIA Partners.

The successful Contractor will be required to sign Attachment B – National Cooperative Contract to be Administered by OMNIA Partners, Exhibit B – Administration Agreement. Contractors should have any reviews required to sign the document prior to submitting a response.

Notwithstanding the foregoing, Racine County makes no representation or warranty concerning the use of the Master Agreement by any other Participating Public Agency.

**C. ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES SPECIFICATIONS**

The requirements identified in this section represent the products and services currently being used and are the basis for the resulting contract. The following specifications are minimum acceptable requirements. Bid specifications may not be revised without an official written addendum issued by the Purchasing Coordinator.

1. DESCRIPTION OF WORK

Bidders that are qualified are expected to propose the broadest possible selection of roofing systems and services, waterproofing products, and related products and services that they offer commercially. The intent of this IFB is to provide Participating Public Agencies with turn-key solutions to meet their various roofing and waterproofing needs. Therefore, the Bidder must demonstrate that it has sufficient experience in providing and installing roofing and waterproofing systems, roofing and waterproofing services, and other related services as described in item b. Qualifying Bidders under Section 3. Award Information. The Bidder must demonstrate in the bid that it satisfactorily possesses the necessary qualifications to Racine County and Participating Public Agencies as further described in Section C. Roofing Supplies and Services, Waterproofing, and Related Products and Services Specifications. The Master Agreement shall be available to Participating Public Agencies who wish to purchase roofing and waterproofing products separately, roofing and waterproofing installation services separately, or any combination of products and services together.

2. TERM

Contract Period: Contracts awarded as a result of bids submitted under this Sealed Bid shall extend from the date of award for a period of sixty (60) full months.

Contract is renewable, at the sole option of Racine County. However, the total duration of the contract, including the exercise of any options, shall not exceed ten (10) years (initial sixty (60) month period and five (5) additional twelve (12) month extension periods). Participating Public Agencies may initiate contracts for projects under the Master Agreement until the end of the contract term. Agreements for projects initiated on or before the end date of the Master Agreement shall remain in effect until the project completion date. Terms and conditions set forth in the Master Agreement shall continue to be applicable for contracts executed on or before the end of the contract term.

Racine County may terminate the Master Agreement without penalty due to the non-appropriation of funds, or for cause or convenience in accordance with the procedures set forth in the Master Agreement.

Participating Agencies commonly require a modification to a term of the Contract (e.g. governing law). The awarded Supplier and Participating Agencies may agree to modify terms on any specific purchase by a Participating Agency without being in conflict with the Contract.

### 3. PRICING

Prices shall remain fixed for the first twelve (12) months of the Master Agreement term. Reasonable price changes based on market conditions and price/cost analysis may be made after the initial twelve (12) months. The Contractor shall supply documentation satisfactory to Racine County, such as: documented changes to Producers Price Indexes; Consumer Price Indexes; or a manufacturer's published notification of price change(s). Racine County will evaluate this information to determine if revising the pricing is considered fair and reasonable to the satisfaction of Racine County. Requests for any such change must be received in writing by the Racine County Purchasing Department thirty (30) days prior to the expiration of the original contract term. Racine County may cancel the contract if the price increase request is not approved. All price reductions at the manufacturers' or distributors' level shall be reflected in a reduction of the contract price(s) to Racine County retroactive to the effective date of the price reduction(s).

### 4. ALTERNATIVE COSTING METHOD

If a project requires goods and services that are not covered in the pricing schedule or if a product or service is required that is more appropriate to be custom designed and manufactured to meet an individual project site's conditions and/or provided for a unique application or project, the successful Contractor may use the alternative costing method as follows: The successful Contractor will be required to: Obtain three (3) written cost proposals from local providers; Use the most advantageous cost proposal; Apply the Racine County discount as submitted on the Pricing Schedule; and All products and services falling under this category must be submitted in advance and approved by the Participating Public Agency prior to being included in any quote or proposal from the successful Contractor.

### 5. PRICE LIST FOR ADDITIONAL PRODUCTS

The intent is to enter into a Master Agreement for a complete line of roofing systems, waterproofing systems, products and related services. Therefore, in addition to specific line items listed on the pricing schedules, Bidders are encouraged to provide Manufacturer's Price Lists for additional related products including green products. Bidders shall attach to the Bid Form one (1) copy of one (1) price list or retail price sheet, clearly marking the column to which the discount is applied for each item listed. Manufacturer's Price Lists shall be the currently published National Standard Manufacturer's Price Lists. The supplier's Retail Price Sheets shall be the current Price Sheet at the time of bid submission. Bidders shall quote the percentage of discount from the Manufacturer's Price List or Retail Price Sheet cited above and shall furnish a copy of same with the bid submission. Discounts must be stated as a single percentage. **FAILURE TO PROVIDE THE MANUFACTURER'S PRICE LIST OR RETAIL PRICE SHEET MAY BE CAUSE FOR REJECTION OF THE BID.** When award is made, the successful Contractor shall furnish current catalogs and price lists which shall become a part of the contract. The Bidder's name and address shall appear on all catalogs and price lists. Where the price list shows more than one (1) column of prices, Bidder shall clearly mark the column which represents its bid. If a fee or charge is to be made, it should be indicated on the Bid Form.

## 6. SPECIAL OFFERS & PROMOTIONS

In addition to decreasing prices for the balance of the Contract term due to a change in market conditions, the successful Contractor may conduct sales promotions involving price reductions for a specified lesser period. The successful Contractor may offer Participating Agencies competitive pricing which is lower than the not-to-exceed price set forth herein at any time during the Contract term and such lower pricing shall not be applied as a global price reduction under the Contract.

## D. AWARD INFORMATION

### 1. CONDITIONS OF AWARD

All Bidders, by submission of their respective bids, agree to abide by the rules, regulations, procedures, and decisions of Racine County.

### 2. QUALIFYING BIDDERS

Failure of Bidder to provide the required information, may result in a determination that Bidder is a non-responsive bidder. If Bidder does not adequately demonstrate the necessary qualifications, as outlined throughout Section C. Roofing Supplies and Services, Waterproofing, and Related Products and Services Specifications, Bidder may be deemed not qualified and/or responsible. Racine County reserves the right to make such additional investigations as it deems necessary to verify a Bidder submitting a bid is qualified and responsible to include investigating Bidder's past work with Racine County and Racine County employees. In addition to the pricing and certification information indicated under item C. Award of this Section, Bidders will submit the following items with their bid: .

- i. Include a detailed response to Exhibit A – Contract Requirements, located in Attachment B – National Cooperative Contract to be Administered by OMNIA Partners, to show proof of organizational capacity, equipment, and technical competency.
- ii. Evidence of a roofing or general contractor's license from the State of Wisconsin to perform the work as described in this IFB.
- iii. List of the state's contractor licenses held, either directly by the Bidder and any sub-contractors. The successful Contractor must use subcontractor's license provided with the bid response for work with Participating Public Agencies.
- iv. Proof of insurance in the form of a letter from the insurance provider stating the provider's commitment to insure the Bidder for the types of coverage's or an Insurance Certificate to be in conformance with the types of coverage's noted in the IFB.
- v. A completed and signed W-9 Request for Taxpayer Identification Number and Certification form.

- vi. Proof of performance of similar experience demonstrated by providing a work history that describes their experience in providing labor, supervision, materials, equipment, tools, transport, supplies and installation services for roofing, waterproofing, and related products. Bidders must have the following experience and provide evidence of such with their bid: a minimum of five (5) years' experience in North America; have successfully delivered, installed and completed two (2) turn-key roofing or waterproofing projects for public agencies in twenty-five (25) states within the previous twenty (20) months where each of the final contract amounts exceeded One Hundred-Thousand dollars (\$100,000). Bidders shall provide this information in Attachment D, Experience Record, Bidder's shall verify contact information listed with projects in Attachment D is up to date and correct prior to submitting a bid. Racine County reserves the right to check references other than those submitted.
- vii. Proof of satisfactorily completing past projects and further demonstration of ability to perform the work properly and expeditiously through the submission of detailed descriptions of the following:
  1. Bidder's Business Operations Plan to at a minimum include:
    - a. A detailed description of the products and services offered, how the business functions on a continuing basis (short- and long-term projects), quality of relevant services, steps taken to adhere to project budgets, any problems encountered and how they were handled (if any). Include an explanation of any roof failures and how they were resolved.
    - b. History of customer relationships with previous public sector customers (not including the Federal Government).
    - c. Ability to meet set schedules with minimal disruption in service.
    - d. Safety history record for the past five (5) years.
    - e. Populate the following table, then aggregate the totals for the two (2) cost columns to determine the aggregate change order percentage of bonded public projects performed by the Bidder over the last three (3) years:

Project Number	Bond	Initial Contract Amount	Brief Description of Change Order(s) Where Applicable	Total Cost of Change Order(s) per Bonded Project

2. Bidder's project management ability to at a minimum include:
  - a. The plan to manage the Master Agreement. Explain the ability to staff and operate the Roofing Supplies and Services, Waterproofing, and Related Products and Services.

- b. Project management procedures and staffing. Also provide a detailed organizational chart stating job titles, responsibilities and number of years of experience for each person. Identify all key personnel, including but not limited to: principals, supervisory staff, and project superintendent to be assigned to the Master Agreement. Key personnel identified must also have an alternate, one of which shall be on-call at all times, throughout an awarded contract period.
  - c. Procedures by which key personnel assigned to a potential contract can be reached by the Lead Public Agency prior to and after the Master Agreement has been awarded.
  - d. Resumes of key personnel identified.
    - i. Racine County shall be notified in writing, of any change to the list of key personnel identified. This notification must include a current resume of the key personnel's selected replacement. The replacement must meet all experience and other requirements set forth within this document.
  - e. Current customer service/public relations program, down to the frontline crews and including sub-contractors (if applicable). Include examples of all training provided to your employees.
  - f. Quality Control Procedures to include process for ensuring quality. State how a plan will be developed for the work performed for Participating Public Agencies. Describe any quality problems your firm has documented in the past five (5) years.
  - g. A thorough discounted-cash-flow analysis of the long-term comparative value between your proposed re-roofing/replacement and alternative options, taking into consideration site-specific project conditions including labor rates, building height, project complexities, etc.
  - h. A description for Bidder's ability to provide integrated project delivery and incorporate various services; installation labor and related equipment and tools; materials; and supervision/construction management, including quality control and close-out procedures. If more than one entity will be responsible for fulfillment, describe all checks and balances designed into your delivery process to ensure the interests of all owners and third parties are aligned with those of the Participating Public Agencies, specifically, with their desire to achieve best services at the lowest available cost.
  - i. A description for Bidder's ability to warranty a completed project and to provide ongoing inspections, condition assessments and maintenance services to help ensure its warranted service life. If more than one (1) entity will be responsible for fulfillment, describe all checks and balances designed into your delivery process to ensure the interests of all owners and third parties are aligned with those of the Participating Public Agencies, specifically, with their desire to achieve best services at the lowest available cost.
- viii Evidence of financial ability by demonstrating a recent history of financial solvency and provide the following:
1. Financial Statement: Attach a financial statement, independently certified, to at a minimum include:

- a. Latest balance sheet and income statement (stating the accounting method used) and showing Current Assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses); Net Fixed Assets; Other Assets; Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes); Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings);
  - b. Name and address of firm preparing attached financial statement, and date thereof.
  - c. Whether the Bidder has ever had a bankruptcy petition filed in its name, voluntarily or involuntarily. If yes, specify the date, circumstances, and resolution.
  - d. Whether the Bidder is currently in default on any loan agreement or financing agreement with any bank, financial institution, or other entity. If yes, specify all relevant details.
  - e. Current credit rating information including latest Dun and Bradstreet report.
2. Bonding Capacity: Indicate Bidder's maximum bonding capability. Bidders must be capable of securing a Performance Bond up to \$25,000,000 per project and aggregate program limit of \$100,000,000.00. Bidders are required to provide a signed and notarized statement from a surety company authorized to transact business in all fifty (50) states.

3. AWARD

Utilizing the two-step process set forth herein, it is the intent of the County to award the Contract to the lowest responsive responsible Bidder provided the bid has been submitted in accordance with the requirements of the Contract Documents and does not exceed the funds available. Racine County reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest, together with compliance with applicable law. Intent to award will not be made and a contract will not be executed until Racine County, at its sole discretion, accepts a bid.

RACINE COUNTY RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS AND TO WAIVE ANY TECHNICALITY OR ERROR IN ANY BID OR PART THEREIN, AND TO ACCEPT THE SAME OR COMBINATIONS, IN WHOLE OR IN PART, WHICHEVER IS DEEMED TO BE IN THE BEST INTEREST OF RACINE COUNTY IN ITS SOLE AND EXCLUSIVE DISCRETION. While not all inclusive, the following items may be used when determining if a Bidder is considered responsive and responsible: work schedule, technical competency, ability to render satisfactory service, past performance, reputation for providing a quality product, timely delivery of products and/or services, financial ability, bonding, experience in performance of similar work, references, equipment, and capacity.

For the first step of the bidding process, Bidders will submit their sealed bid with all requested information, to include Certification of Vendor, and Attachment C – Bid Form, by the due date and time outlined in this IFB. After the due date and time, all Bidder's will be evaluated to determine if they are responsive, responsible, and qualified. Each Bidder determined to be responsive, responsible, and qualified shall be deemed to be a "Responsible Bidder".

For the second step of the bidding process, Racine County will distribute to each Responsible Bidder a Responsible Bidder's Sample Project Form to determine which Responsible Bidder(s) constitute the lowest responsible bidder(s) when the bid responses are applied to an actual (hypothetical) project. When responding to the Sample Project Form, Responsible Bidder's are required to USE THE SAME LINE ITEM PRICING from Attachment C – Bid Form and apply them to the Sample Projects Form to be supplied upon identification of a Responsible Bidder(s) in the first step; a reduction in price for the sample projects outlined in a Responsible Bidder's Sample Project Form will not be allowable. The final basis for award and lowest responsible Bidder will result from the lowest total dollar amount of the combined sample projects.

4. TIE BIDS

If two (2) or more Bidders submit identical bids, the decision of the County to make award to one or more of such Bidders shall be final.

5. NOTICE OF ACCEPTANCE

Written notice of award to Bidder in the form of a letter and/or purchase order will be mailed to the address shown on the bid and will be considered sufficient notice of acceptance of bid.

**CERTIFICATION OF VENDOR**

**Bid # PW1925**

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES**

I fully understand the requirements of this bid and certify on behalf of my company that we can meet the requirements stated throughout this Invitation For Bid.

COMPANY: \_\_\_\_\_

TYPE/PRINT NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY/STATE/ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_ DATE: \_\_\_\_\_

**Bidder herein acknowledges receipt of the following:**

**Addendum Nos.** \_\_\_\_\_

**Attachment A – No Bid Form**

Contractors who do not wish to bid do not need to return the entire bid package. Simply return this form to Racine County through Duane McKinney, Purchasing Coordinator at: [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com)

**STATEMENT OF NO BID**

**SEALED BID NUMBER PW1925**

**Roofing Supplies and Services, Waterproofing, and Related Products and Services**

I do not wish to submit a bid on this solicitation.

\_\_\_\_\_ Contractor

\_\_\_\_\_ Representative

Please indicate the reason(s) for your decision not to bid:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ATTACHMENT B



**REQUIREMENTS FOR NATIONAL COOPERATIVE CONTRACT  
TO BE ADMINISTERED BY  
OMNIA PARTNERS**

The following documents are used in evaluating and administering national cooperative contracts and are included for Supplier's review and response.

OMNIA Partners Exhibit A – RESPONSE FOR NATIONAL COOPERATIVE CONTRACT

OMNIA Partners Exhibit B – ADMINISTRATION AGREEMENT, EXAMPLE

OMNIA Partners Exhibit C – PRINCIPAL PROCUREMENT AGENCY CERTIFICATE,  
EXAMPLE

OMNIA Partners Exhibit D – FEDERAL FUNDS CERTIFICATIONS

OMNIA Partners Exhibit E – NEW JERSEY BUSINESS COMPLIANCE

OMNIA Partners Exhibit F – ADVERTISING COMPLIANCE REQUIREMENT

**EXHIBIT A**  
**RESPONSE FOR NATIONAL COOPERATIVE CONTRACT**

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**1.0 Scope of National Cooperative Contract**

Capitalized terms not otherwise defined herein shall have the meanings given to them in the Master Agreement or in the Administration Agreement between Supplier and OMNIA Partners.

**1.1 Requirement**

Racine County (hereinafter defined and referred to as “Principal Procurement Agency”), on behalf of itself and the National Intergovernmental Purchasing Alliance Company, a Delaware corporation d/b/a OMNIA Partners, Public Sector (“OMNIA Partners”), is requesting bids for Roofing Supplies and Services, Waterproofing, and Related Products and Services. The intent of this Invitation For Bid is any contract between Principal Procurement Agency and Supplier resulting from this Invitation For Bid (“Master Agreement”) be made available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit (“Public Agencies”), through OMNIA Partners’ cooperative purchasing program. The Principal Procurement Agency has executed a Principal Procurement Agency Certificate with OMNIA Partners, an example of which is included as Exhibit C, and has agreed to pursue the Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners as a Participating Public Agency in OMNIA Partners’ cooperative purchasing program. Registration with OMNIA Partners as a Participating Public Agency is accomplished by Public Agencies entering into a Master Intergovernmental Cooperative Purchasing Agreement, an example of which is attached as Exhibit A of the Response for National Cooperative Contract Exhibit. The terms and pricing established in the resulting Master Agreement between the Supplier and the Principal Procurement Agency will be the same as that available to Participating Public Agencies through OMNIA Partners.

All transactions, purchase orders, invoices, payments etc., will occur directly between the Supplier and each Participating Public Agency individually, and neither OMNIA Partners, any Principal Procurement Agency nor any Participating Public Agency, including their respective agents, directors, employees or representatives, shall be liable to Supplier for any acts, liabilities, damages, etc., incurred by any other Participating Public Agency. Supplier is responsible for knowing the tax laws in each state.

This Exhibit A, Response for National Cooperative Contract, defines the expectations for qualifying Suppliers based on OMNIA Partners’ requirements to market the resulting Master Agreement nationally to Public Agencies. Each section in this Exhibit A refers to the capabilities, requirements, obligations, and prohibitions of competing Suppliers on a national level in order to serve Participating Public Agencies through OMNIA Partners.

These requirements are incorporated into and are considered an integral part of this IFB. OMNIA Partners reserves the right to determine whether or not to make the Master Agreement awarded by the Principal Procurement Agency available to Participating Public Agencies, in its sole and absolute discretion, and any party submitting a response to this IFB acknowledges that any award by the Principal Procurement Agency does not obligate OMNIA Partners to make the Master Agreement available to Participating Procurement Agencies.

## **1.2 Marketing, Sales and Administrative Support**

During the term of the Master Agreement OMNIA Partners intends to provide marketing, sales and administrative support for Supplier pursuant to this section that directly promotes the Supplier's products and services to Participating Public Agencies through multiple channels, each designed to promote specific products and services to Public Agencies on a national basis.

The OMNIA Partners marketing team will work in conjunction with Supplier to promote the Master Agreement to both existing Participating Public Agencies and prospective Public Agencies through channels that may include:

- A. Marketing collateral (print, electronic, email, presentations)
- B. Website
- C. Trade shows/conferences/meetings
- D. Advertising
- E. Social Media

The OMNIA Partners sales teams will work in conjunction with Supplier to promote the Master Agreement to both existing Participating Public Agencies and prospective Public Agencies through initiatives that may include:

- A. Individual sales calls
- B. Joint sales calls
- C. Communications/customer service
- D. Training sessions for Public Agency teams
- E. Training sessions for Supplier teams

The OMNIA Partners contracting teams will work in conjunction with Supplier to promote the Master Agreement to both existing Participating Public Agencies and prospective Public Agencies through:

- A. Serving as the subject matter expert for questions regarding joint powers authority and state statutes and regulations for cooperative purchasing
- B. Training sessions for Public Agency teams
- C. Training sessions for Supplier teams
- D. Regular business reviews to monitor program success

## E. General contract administration

Suppliers are required to pay an administrative fee under this Invitation For Bid; see Article 5, Section 5.1 of Exhibit B for more details. Supplier will be required to execute the OMNIA Partners Administration Agreement (Exhibit B).

### **1.3 Estimated Volume**

The dollar volume purchased under the Master Agreement is estimated to be approximately \$200M annually. While no minimum volume is guaranteed to Supplier, the estimated annual volume is projected based on the current annual volumes among the Principal Procurement Agency, other Participating Public Agencies that are anticipated to utilize the resulting Master Agreement to be made available to them through OMNIA Partners, and volume growth into other Public Agencies through a coordinated marketing approach between Supplier and OMNIA Partners.

### **1.4 Award Basis**

The basis of any contract award resulting from this IFB made by Principal Procurement Agency will, at OMNIA Partners option, be the basis of award on a national level through OMNIA Partners. If multiple Suppliers are awarded by Principal Procurement Agency under the Master Agreement, those same Suppliers will be required to extend the Master Agreement to Participating Public Agencies through OMNIA Partners. Utilization of the Master Agreement by Participating Public Agencies will be at the discretion of the individual Participating Public Agency. Certain terms of the Master Agreement specifically applicable to the Principal Procurement Agency are subject to modification for each Participating Public Agency as Supplier, such Participating Public Agency and OMNIA Partners shall agree. Participating Agencies may request to enter into a separate supplemental agreement to further define the level of service requirements over and above the minimum defined in the Master Agreement (i.e. invoice requirements, order requirements, specialized delivery, diversity requirements such as minority and woman owned businesses, historically underutilized business, governing law, etc.). It shall be the responsibility of the Supplier to comply, when applicable, with the prevailing wage legislation in effect in the jurisdiction of the Participating Agency. It shall further be the responsibility of the Supplier to monitor the prevailing wage rates as established by the appropriate department of labor for any increase in rates during the term of this contract and adjust wage rates accordingly. Any supplemental agreement developed as a result of the Master Agreement is exclusively between the Participating Agency and the Supplier (Contract Sales are reported to OMNIA Partners).

All purchase orders issued and accepted by the Supplier may survive expiration or termination of the Master Agreement. Participating Agencies' purchase orders may exceed the term of the Contract if the purchase order is issued prior to the expiration of the Contract. Supplier is responsible for reporting all sales and paying the applicable administrative fee for sales that use the Master Agreement as the basis for the purchase order, even though Master Agreement may have expired.

## **1.5 Objectives of Cooperative Program**

This IFB is intended to achieve the following objectives regarding availability through OMNIA Partners' cooperative program:

- A. Provide a comprehensive competitively solicited and awarded national agreement offering the Products covered by this solicitation to Participating Public Agencies;
- B. Establish the Master Agreement as the Supplier's primary go to market strategy to Public Agencies nationwide;
- C. Achieve cost savings for Supplier and Public Agencies through a single solicitation process that will reduce the Supplier's need to respond to multiple solicitations and Public Agencies need to conduct their own solicitation process;
- D. Combine the aggregate purchasing volumes of Participating Public Agencies to achieve cost effective pricing.

## **2.0 REPRESENTATIONS AND COVENANTS**

As a condition to Supplier entering into the Master Agreement, which would be available to all Public Agencies, Supplier must make certain representations, warranties and covenants to both the Principal Procurement Agency and OMNIA Partners designed to ensure the success of the Master Agreement for all Participating Public Agencies as well as the Supplier.

### **2.1 Corporate Commitment**

Supplier commits that (1) the Master Agreement has received all necessary corporate authorizations and support of the Supplier's executive management, (2) the Master Agreement is Supplier's primary "go to market" strategy for Public Agencies, (3) the Master Agreement will be promoted to all Public Agencies, including any existing customers, and Supplier will transition existing customers, upon their request, to the Master Agreement, and (4) that the Supplier has read and agrees to the terms and conditions of the Administration Agreement with OMNIA Partners and will execute such agreement concurrent with and as a condition of its execution of the Master Agreement with the Principal Procurement Agency. Supplier will identify an executive corporate sponsor and a separate national account manager within the IFB response that will be responsible for the overall management of the Master Agreement.

### **2.2 Pricing Commitment**

Supplier commits the not-to-exceed pricing provided under the Master Agreement pricing is its lowest available (net to buyer) to Public Agencies nationwide and further commits that if a Participating Public Agency is eligible for lower pricing through a national, state, regional or local or cooperative contract, the Supplier will match such lower pricing to that Participating Public Agency under the Master Agreement.

### **2.3 Sales Commitment**

Supplier commits to aggressively market the Master Agreement as its go to market strategy in this defined sector and that its sales force will be trained, engaged and committed to offering the Master Agreement to Public Agencies through OMNIA Partners nationwide. Supplier commits that all Master Agreement sales will be

accurately and timely reported to OMNIA Partners in accordance with the OMNIA Partners Administration Agreement. Supplier also commits its sales force will be compensated, including sales incentives, for sales to Public Agencies under the Master Agreement in a consistent or better manner compared to sales to Public Agencies if the Supplier were not awarded the Master Agreement.

### **3.0 SUPPLIER RESPONSE**

Supplier must supply the following information in order for the Principal Procurement Agency to determine Supplier's qualifications to extend the resulting Master Agreement to Participating Public Agencies through OMNIA Partners.

#### **3.1 Company**

- A. Brief history and description of Supplier.
- B. Total number and location of sales persons employed by Supplier.
- C. Number and location of support centers (if applicable) and location of corporate office.
- D. Annual sales for the three previous fiscal years.
- E. Submit FEIN and Dunn & Bradstreet report.
- F. Describe any green or environmental initiatives or policies.
- G. Describe any diversity programs or partners supplier does business with and how Participating Agencies may use diverse partners through the Master Agreement. Indicate how, if at all, pricing changes when using the diversity program.
- H. Describe any historically underutilized business certifications supplier holds and the certifying agency. This may include business enterprises such as minority and women owned, small or disadvantaged, disable veterans, etc.
- I. Describe how supplier differentiates itself from its competitors.
- J. Describe any present or past litigation, bankruptcy or reorganization involving supplier.
- K. Felony Conviction Notice: Indicate if the supplier
  - a. is a publicly held corporation and this reporting requirement is not applicable;
  - b. is not owned or operated by anyone who has been convicted of a felony; or
  - c. is owned or operated by and individual(s) who has been convicted of a felony and provide the names and convictions.
- L. Describe any debarment or suspension actions taken against supplier

#### **3.2 Distribution, Logistics**

- A. Describe the full line of products and services offered by supplier.
- B. Describe how supplier proposes to distribute the products/service nationwide. Include any states where products and services will not be offered under the Master Agreement, including U.S. Territories and Outlying Areas.

- C. Identify all other companies that will be involved in processing, handling or shipping the products/service to the end user.
- D. Provide the number, size and location of Supplier's distribution facilities, warehouses and retail network as applicable.

### **3.3 Marketing and Sales**

- A. Provide a detailed ninety-day plan beginning from award date of the Master Agreement describing the strategy to immediately implement the Master Agreement as supplier's primary go to market strategy for Public Agencies to supplier's teams nationwide, to include, but not limited to:
  - i. Executive leadership endorsement and sponsorship of the award as the public sector go-to-market strategy within first 10 days
  - ii. Training and education of Supplier's national sales force with participation from the Supplier's executive leadership, along with the OMNIA Partners team within first 90 days
  
- B. Provide a detailed ninety-day plan beginning from award date of the Master Agreement describing the strategy to market the Master Agreement to current Participating Public Agencies, existing Public Agency customers of Supplier, as well as to prospective Public Agencies nationwide immediately upon award, to include, but not limited to:
  - i. Creation and distribution of a co-branded press release to trade publications
  - ii. Announcement, contract details and contact information published on the Supplier's website within first 90 days
  - iii. Design, publication and distribution of co-branded marketing materials within first 90 days
  - iv. Commitment to attendance and participation with OMNIA Partners at national (i.e. NIGP Annual Forum, NPI Conference, etc.), regional (i.e. Regional NIGP Chapter Meetings, Regional Cooperative Summits, etc.) and supplier-specific trade shows, conferences and meetings throughout the term of the Master Agreement
  - v. Commitment to attend, exhibit and participate at the NIGP Annual Forum in an area reserved by OMNIA Partners for partner suppliers. Booth space will be purchased and staffed by Supplier. In addition, Supplier commits to provide reasonable assistance to the overall promotion and marketing efforts for the NIGP Annual Forum, as directed by OMNIA Partners.
  - vi. Design and publication of national and regional advertising in trade publications throughout the term of the Master Agreement
  - vii. Ongoing marketing and promotion of the Master Agreement throughout its term (case studies, collateral pieces, presentations, promotions, etc.)
  - viii. Dedicated OMNIA Partners internet web-based homepage on Supplier's website with:

- OMNIA Partners standard logo;
  - Copy of original Invitation For Bid;
  - Copy of contract and amendments between Principal Procurement Agency and Supplier;
  - Summary of Products and pricing;
  - Marketing Materials
  - Electronic link to OMNIA Partners' website including the online registration page;
  - A dedicated toll-free number and email address for OMNIA Partners
- C. Describe how Supplier will transition any existing Public Agency customers' accounts to the Master Agreement available nationally through OMNIA Partners. Include a list of current cooperative contracts (regional and national) Supplier holds and describe how the Master Agreement will be positioned among the other cooperative agreements.
- D. Acknowledge Supplier agrees to provide its logo(s) to OMNIA Partners and agrees to provide permission for reproduction of such logo in marketing communications and promotions. Acknowledge that use of OMNIA Partners logo will require permission for reproduction, as well.
- E. Confirm Supplier will be proactive in direct sales of Supplier's goods and services to Public Agencies nationwide and the timely follow up to leads established by OMNIA Partners. All sales materials are to use the OMNIA Partners logo. At a minimum, the Supplier's sales initiatives should communicate:
- i. Master Agreement was competitively solicited and publicly awarded by a Principal Procurement Agency
  - ii. Best government pricing
  - iii. No cost to participate
  - iv. Non-exclusive
- F. Confirm Supplier will train its national sales force on the Master Agreement. At a minimum, sales training should include:
- i. Key features of Master Agreement
  - ii. Working knowledge of the solicitation process
  - iii. Awareness of the range of Public Agencies that can utilize the Master Agreement through OMNIA Partners
  - iv. Knowledge of benefits of the use of cooperative contracts
- G. Provide the name, title, email and phone number for the person(s), who will be responsible for:

- i. Executive Support
- ii. Marketing
- iii. Sales
- iv. Sales Support
- v. Financial Reporting
- vi. Accounts Payable
- vii. Contracts

- H. Describe in detail how Supplier’s national sales force is structured, including contact information for the highest-level executive in charge of the sales team.
- I. Explain in detail how the sales teams will work with the OMNIA Partners team to implement, grow and service the national program.
- J. Explain in detail how Supplier will manage the overall national program throughout the term of the Master Agreement, including ongoing coordination of marketing and sales efforts, timely new Participating Public Agency account set-up, timely contract administration, etc.
- K. State the amount of Supplier’s Public Agency sales for the previous fiscal year. Provide a list of Supplier’s top 10 Public Agency customers, the total purchases for each for the previous fiscal year along with a key contact for each.
- L. Describe Supplier’s information systems capabilities and limitations regarding order management through receipt of payment, including description of multiple platforms that may be used for any of these functions.
- M. Provide the Contract Sales (as defined in Section 10 of the OMNIA Partners, Public Sector Administration Agreement) that Supplier will guarantee each year under the Master Agreement for the initial three years of the Master Agreement (“Guaranteed Contract Sales”).

\$ \_\_\_\_\_ .00 in year one  
 \$ \_\_\_\_\_ .00 in year two  
 \$ \_\_\_\_\_ .00 in year three

To the extent Supplier guarantees minimum Contract Sales, the administration fee shall be calculated based on the greater of the actual Contract Sales and the Guaranteed Contract Sales.

- N. Even though it is anticipated many Public Agencies will be able to utilize the Master Agreement without further formal solicitation, there may be circumstances where Public Agencies will issue their own solicitations. The following options are available when responding to a solicitation for Products covered under the Master Agreement.
  - i. Respond with Master Agreement pricing (Contract Sales reported to OMNIA Partners).

- ii. If competitive conditions require pricing lower than the standard Master Agreement not-to-exceed pricing, Supplier may respond with lower pricing through the Master Agreement. If Supplier is awarded the contract, the sales are reported as Contract Sales to OMNIA Partners under the Master Agreement.
- iii. Respond with pricing higher than Master Agreement only in the unlikely event that the Public Agency refuses to utilize Master Agreement (Contract Sales are not reported to OMNIA Partners).
- iv. If alternative or multiple bids or proposals are permitted, respond with pricing higher than Master Agreement, and include Master Agreement as the alternate or additional bid.

Detail Supplier's strategies under these options when responding to a solicitation.

EXHIBIT B

ADMINISTRATION AGREEMENT, EXAMPLE

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**OMNIA**  
P A R T N E R S

**ADMINISTRATION AGREEMENT**

This ADMINISTRATION AGREEMENT (“Agreement”) is made as of \_\_\_\_\_, by and between National Intergovernmental Purchasing Alliance Company, a Delaware corporation d/b/a OMNIA Partners, Public Sector (“OMNIA Partners, Public Sector”) and \_\_\_\_\_ (“Supplier”).

**RECITALS**

WHEREAS, \_\_\_\_\_ (“Lead Public Agency”) has entered into a certain Master Agreement dated as of even date herewith, referenced as Agreement No. \_\_\_\_\_, by and between Lead Public Agency and Supplier (as amended from time to time in accordance with the terms thereof, the “Master Agreement”) for the purchase of \_\_\_\_\_ (the “Products and Services”);

WHEREAS, the Master Agreement provides that any state, county, city, special district, local government, school district, private K-12 school, technical or vocational school, higher education institution (including community colleges, colleges and universities, both public and private), other government agency or nonprofit organization (each a “Public Agency” and collectively, “Public Agencies”) may purchase Products and Services at the prices indicated in the Master Agreement upon prior registration with OMNIA Partners Public Sector, in which case the Public Agency becomes a “Participating Public Agency”;

WHEREAS, OMNIA Partners Public Sector has the administrative and legal capacity to administer purchases under the Master Agreement to Participating Public Agencies;

WHEREAS, OMNIA Partners Public Sector serves in an administrative capacity for Lead Public Agency and other lead public agencies in connection with other master agreements offered by OMNIA Partners Public Sector;

WHEREAS, Lead Public Agency desires OMNIA Partners Public Sector to proceed with administration of the Master Agreement on the same basis as other master agreements;

WHEREAS, OMNIA Partners Public Sector and Supplier desire to enter into this Agreement to make available the Master Agreement to Participating Public Agencies.

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement, OMNIA Partners Public Sector and Supplier hereby agree as follows:

## ARTICLE I

### GENERAL TERMS AND CONDITIONS

1.1 The Master Intergovernmental Cooperative Purchasing Agreement (“Master Agreement”), attached hereto as Exhibit A and incorporated herein by reference as though fully set forth herein, and the terms and conditions contained therein shall apply to this Agreement except as expressly changed or modified by this Agreement.

1.2 OMNIA Partners Public Sector shall be afforded all of the rights and privileges afforded to Lead Public Agency under the Master Agreement, and such rights and privileges shall accrue and apply with equal effect to OMNIA Partners Public Sector under this Agreement including, without limitation, Supplier’s obligation to provide insurance to Lead Public Agency.

1.3 Supplier shall perform all duties, responsibilities and obligations required under the Master Agreement.

1.4 OMNIA Partners Public Sector shall perform all of its duties, responsibilities and obligations as administrator of purchases under the Master Agreement as set forth herein, and Supplier acknowledges that OMNIA Partners Public Sector shall act in the capacity of administrator of purchases under the Master Agreement.

1.5 With respect to any purchases made by Lead Public Agency or any Participating Public Agency pursuant to the Master Agreement, OMNIA Partners Public Sector:

(a) shall not be construed as a dealer, re-marketer, representative, partner, or agent of any type of Supplier, Lead Public Agency or such Participating Public Agency;

(b) shall not be obligated, liable or responsible (i) for any orders made by Lead Public Agency, any Participating Public Agency or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement, or (ii) for any payments required to be made with respect to such order; and

(c) shall not be obligated, liable or responsible for any failure by a Participating Public Agency to (i) comply with procedures or requirements of applicable law or ordinance, or (ii) obtain the due authorization and approval necessary to purchase under the Master Agreement.

OMNIA Partners Public Sector makes no representations or guaranties with respect to any minimum purchases required to be made by Lead Public Agency, any Participating Public Agency, or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement.

## ARTICLE II

### TERM OF AGREEMENT

2.1 This Agreement is effective as of and shall terminate upon termination of the Master Agreement or any earlier termination in accordance with the terms of this Agreement, provided, however, that the obligation to pay all amounts owed by Supplier to OMNIA Partners Public Sector through the termination of this Agreement and all indemnifications afforded by Supplier to OMNIA Partners Public Sector shall survive the term of this Agreement.

## **ARTICLE III**

### **REPRESENTATIONS AND COVENANTS**

3.1 OMNIA Partners Public Sector views the relationship with Supplier as an opportunity to provide benefits to the Lead Public Agency, Public Agencies and Supplier. The successful foundation of the relationship requires certain representations and covenants from both OMNIA Partners Public Sector and Supplier.

3.2 **OMNIA Partners Public Sector' Representations and Covenants.**

(a) **Marketing.** OMNIA Partners Public Sector shall proactively market the Master Agreement to Public Agencies using resources available to it from time to time, which may include an national, regional and state-level sponsors. In addition, the OMNIA Partners Public Sector staff shall make commercially reasonable efforts to enhance Supplier's marketing efforts through meetings with Public Agencies, participation in key events and tradeshow and other marketing activity such as advertising, articles and promotional campaigns.

(b) **Training and Knowledge Management Support.** OMNIA Partners Public Sector shall provide support for the education, training and engagement of Supplier's sales force as provided herein. Through its staff (each, a "**Program Manager**" and collectively, the "**Program Managers**"), OMNIA Partners Public Sector shall, with scheduling assistance from Supplier, conduct training sessions and conduct calls jointly with Supplier to Public Agencies. OMNIA Partners Public Sector shall also provide Supplier with access to OMNIA Partners Public Sector's private intranet website which provides presentations, documents and information to assist Supplier's sales force in effectively promoting the Master Agreement.

3.3 **Supplier's Representations and Covenants.** Supplier hereby represents and covenants as follows in order to ensure that Supplier is providing the highest level of public benefit to Participating Public Agencies (such representations and covenants are sometimes referred to as "**Supplier's Commitments**") and are comprised of the Corporate Commitment, Pricing Commitment, Economy Commitment and Sales Commitment):

(a) **Corporate Commitment.**

(i) The pricing, terms and conditions of the Master Agreement shall, at all times, be Supplier's primary contractual offering of Products and Services to Public Agencies. All of Supplier's direct and indirect marketing and sales efforts to Public Agencies shall demonstrate that the Master Agreement is Supplier's primary offering and not just one of Supplier's contract options.

(ii) Supplier's sales force (including inside, direct and/or authorized dealers, distributors and representatives) shall always present the Master Agreement when marketing Products or Services to Public Agencies.

(iii) Supplier shall advise all Public Agencies that are existing customers of Supplier as to the pricing and other value offered through the Master Agreement.

(iv) Upon authorization by a Public Agency, Supplier shall transition such Public Agency to the pricing, terms and conditions of the Master Agreement.

(v) Supplier shall ensure that the OMNIA Partners Public Sector program and the Master Agreement are actively supported by Supplier's senior executive management.

(vi) Supplier shall provide a national/senior management level representative with the authority and responsibility to ensure that the Supplier's Commitments are maintained at all times. Supplier shall also designate a lead referral contact person who shall be responsible for receiving communications from OMNIA Partners Public Sector concerning new Participating Public Agency registrations and for ensuring timely follow-up by Supplier's staff to requests for contact from Participating Public Agencies. Supplier shall also provide the personnel necessary to implement and support a supplier-based internet web page dedicated to Supplier's OMNIA Partners Public Sector program and linked to OMNIA Partners Public Sector's website and shall implement and support such web page.

(vii) Supplier shall demonstrate in its procurement solicitation response and throughout the term of the Master Agreement that national/senior management fully supports the OMNIA Partners Public Sector program and its commitments and requirements. National/Senior management is defined as the executive(s) with companywide authority.

(viii) Where Supplier has an existing contract for Products and Services with a state, Supplier shall notify the state of the Master Agreement and transition the state to the pricing, terms and conditions of the Master Agreement upon the state's request. Regardless of whether the state decides to transition to the Master Agreement, Supplier shall primarily offer the Master Agreement to all Public Agencies located within the state.

(b) **Pricing Commitment.**

(i) Supplier represents to OMNIA Partners Public Sector that the pricing offered under the Master Agreement is the lowest overall available pricing (net to purchaser) on Products and Services that it offers to Public Agencies. Supplier's pricing shall be evaluated on either an overall project basis or the Public Agency's actual usage for more frequently purchased Products and Services.

(ii) Contracts Offering Lower Prices. If a pre-existing contract and/or a Public Agency's unique buying pattern provide one or more Public Agencies a lower price than that offered under the Master Agreement, Supplier shall match that lower pricing under the Master Agreement and inform the eligible Public Agencies that the lower pricing is available under the Master Agreement. If an eligible Public Agency requests to be transitioned to the Master Agreement, Supplier shall do so and report the Public Agency's purchases made under the Master Agreement going forward. The price match only applies to the eligible Public Agencies. Below are three examples of Supplier's obligation to match the pricing under Supplier's contracts offering lower prices.

(A) Supplier holds a state contract with lower pricing that is available to all Public Agencies within the state. Supplier would be required to match the lower state pricing under the Master Agreement and make it available to all Public Agencies within the state.

(B) Supplier holds a regional cooperative contract with lower pricing that is available only to the ten cooperative members. Supplier would be required to match the lower cooperative pricing under the Master Agreement and make it available to the ten cooperative members.

(C) Supplier holds a contract with an individual Public Agency. The Public Agency contract does not contain any cooperative language and therefore other Public Agencies are not eligible to utilize the contract. Supplier would be required to match the lower pricing under the Master Agreement and make it available only to the individual Public Agency.

(iii) Deviating Buying Patterns. Occasionally OMNIA Partners Public Sector and Supplier may interact with a Public Agency that has a buying pattern or terms and conditions that considerably deviate from the normal Public Agency buying pattern and terms and conditions, and causes Supplier's pricing under the Master Agreement to be higher than an alternative contract held by Supplier. This could be created by a unique end-user preference or requirements. In the event that this situation occurs, Supplier may address the issue by lowering the price under the Master Agreement on the item(s) causing the large deviation for that Public Agency. Supplier would not be required to lower the price for other Public Agencies.

(iv) Supplier's Options in Responding to a Third Party Procurement Solicitation. While it is the objective of OMNIA Partners Public Sector to encourage Public Agencies to piggyback on to the Master Agreement rather than issue their own procurement solicitations, the Parties recognizes that for various reasons some Public Agencies will issue their own solicitations. The following options are available to Supplier when responding to a Public Agency solicitation:

(A) Supplier may opt not to respond to the procurement solicitation. Supplier may make the Master Agreement available to the Public Agency as a comparison to its solicitation responses.

(B) Supplier may respond with the pricing, terms and conditions of the Master Agreement. If Supplier is awarded the contract, the sales would be reported as sales under the Master Agreement.

(C) If competitive conditions require pricing lower than the standard Master Agreement pricing, Supplier may submit lower pricing through the Master Agreement. If Supplier is awarded the contract, the sales would be reported as sales under the Master Agreement. Supplier would not be required to extend the lower price to other Public Agencies.

(D) Supplier may respond to the procurement solicitation with pricing that is higher (net to buyer) than the pricing offered under the Master Agreement. If awarded a contract, Supplier shall still be bound by all obligations set forth in this Section 3.3, including, without limitation, the requirement to continue to advise the awarding Public Agency of the pricing, terms and conditions of the Master Agreement.

(E) Supplier may respond to the procurement solicitation with pricing that is higher (net to buyer) than the pricing offered under the Master Agreement and if an alternative response is permitted, Supplier may offer the pricing under the Master Agreement as an alternative for consideration.

(c) Economy Commitment. Supplier shall demonstrate the benefits, including the pricing advantage, of the Master Agreement over alternative options, including competitive solicitation pricing and shall proactively offer the terms and pricing under the Master Agreement to Public Agencies as a more effective alternative to the cost and time associated with such alternate bids and solicitations.

(d) Sales Commitment. Supplier shall market the Master Agreement through Supplier's sales force or dealer network that is properly trained, engaged and committed to offering the Master Agreement as Supplier's primary offering to Public Agencies. Supplier's sales force compensation and incentives shall be greater than or equal to the compensation and incentives earned under other contracts to Public Agencies.

(i) Supplier Sales. Supplier shall be responsible for proactive sales of Supplier's Products and Services to Public Agencies and the timely follow-up to sales leads identified by OMNIA Partners Public Sector. Use of product catalogs, targeted advertising, direct mail, online marketing and other sales initiatives are encouraged. All of Supplier's sales materials targeted towards Public Agencies shall include the OMNIA Partners Public Sector logo. OMNIA Partners Public Sector hereby grants to Supplier, during the term of this Agreement, a non-exclusive, revocable, non-transferable, license to use the OMNIA Partners Public Sector name, trademark, and logo solely to perform its obligations under this Agreement, and for no other purpose. Any goodwill, rights, or benefits derived from Supplier's use of the OMNIA Partners Public Sector name, trademark, or logo shall inure to the benefit of OMNIA Partners Public Sector. OMNIA Partners Public Sector shall provide Supplier with its logo and the standards to be employed in the use of the logo. During the term of the Agreement, the Supplier shall provide OMNIA Partners Public Sector with its logo and the standards to be employed in the use of the logo for purposes of reproducing and using Supplier's name and logo in connection with the advertising, marketing and promotion of the Master Agreement to Public Agencies. Supplier shall assist OMNIA Partners Public Sector by providing camera-ready logos and by participating in related trade shows and conferences. At a minimum, Supplier's sales initiatives shall communicate that (i) the Master Agreement was competitively solicited by the Lead Public Agency, (ii) the Master Agreement provides the Supplier's best overall pricing and value to eligible agencies, (iii) there is no cost to Participating Public Agencies, and (iv) the Master Agreement is a non-exclusive contract.

(ii) Branding and Logo Compliance. Supplier shall be responsible for complying with the OMNIA Partners Public Sector branding and logo standards and guidelines. Prior to use by Supplier, all OMNIA Partners Public Sector related marketing material must be submitted to OMNIA Partners Public Sector for review and approval.

(iii) Sales Force Training. Supplier shall train its national sales force on the Master Agreement and OMNIA Partners Public Sector program. OMNIA Partners Public Sector shall be available to train on a national, regional or local level and generally assist with the education of sales personnel.

(iv) Participating Public Agency Access. Supplier shall establish the following communication links to facilitate customer access and communication:

(A) A dedicated OMNIA Partners Public Sector internet web-based homepage that is accessible from Supplier's homepage or main menu navigation containing:

- (1) OMNIA Partners Public Sector standard logo;
- (2) Copy of original procurement solicitation;
- (3) Copy of Master Agreement including any amendments;
- (4) Summary of Products and Services pricing;
- (5) Electronic link to OMNIA Partners Public Sector's online registration page; and
- (6) Other promotional material as requested by OMNIA Partners Public Sector.

(B) A dedicated toll-free national hotline for inquiries regarding OMNIA Partners Public Sector.

(v) Electronic Registration. Supplier shall be responsible for ensuring that each Public Agency has completed OMNIA Partners Public Sector's online registration process prior to processing the Public Agency's first sales order.

(vi) Supplier's Performance Review. Upon request by OMNIA Partners Public Sector, Supplier shall participate in a performance review meeting with OMNIA Partners Public Sector to evaluate Supplier's performance of the covenants set forth in this Agreement.

(vii) Supplier Content. Supplier may, from time to time, provide certain graphics, media, and other content to OMNIA Partners Public Sector (collectively "Supplier Content") for use on OMNIA Partners Public Sector websites and for general marketing and publicity purposes. During the term of the Agreement, Supplier hereby grants to OMNIA Partners Public Sector and its affiliates a non-exclusive, worldwide, free, transferrable, license to reproduce, modify, distribute, publicly perform, publicly display, and use Supplier Content in connection with OMNIA Partners Public Sector websites and for general marketing and publicity purposes, with the right to sublicense each and every such right. Supplier warrants that: (a) Supplier is the owner of or otherwise has the unrestricted right to grant the rights in and to Supplier Content as contemplated hereunder; and (b) the use of Supplier Content and any other materials or services provided to OMNIA Partners Public Sector as contemplated hereunder will not violate, infringe, or misappropriate the intellectual property rights or other rights of any third party

3.4 Breach of Supplier's Representations and Covenants. The representations and covenants set forth in this Agreement are the foundation of the relationship between OMNIA Partners Public Sector and Supplier. If Supplier is found to be in violation of, or non-compliance with, one or more of the representations and covenants set forth in this Agreement, Supplier shall have ninety (90) days from the notice of default to cure such violation or non-compliance and, if Supplier fails to cure such violation or non-compliance within such notice period, at the sole discretion of OMNIA Partners Public Sector, it shall be deemed a cause for immediate termination of the Master Agreement at Lead Public Agency's sole discretion or this Agreement at OMNIA Partners Public Sector's sole discretion.

3.5 Indemnity. Supplier hereby agrees to indemnify and defend OMNIA Partners Public Sector, and its parent companies, subsidiaries, affiliates, shareholders, member, manager, officers, directors, employees, agents, and representatives from and against any and all claims, costs, proceedings, demands, losses, damages, and expenses (including, without limitation, reasonable attorney's fees and legal costs) of any kind or nature, arising from or relating to, any actual or alleged breach of any of Supplier's representations, warranties, or covenants in this Agreement.

## **ARTICLE IV**

### **PRICING AUDITS**

4.1 Supplier shall, at Supplier's sole expense, maintain an accounting of all purchases made by Lead Public Agency and Participating Public Agencies under the Master Agreement. OMNIA Partners Public Sector and Lead Public Agency each reserve the right to audit the accounting for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. OMNIA Partners Public Agencies shall have the authority to conduct random audits of Supplier's pricing that is offered to Participating Public Agencies at OMNIA Partners Public Sector's sole cost and expense. In addition, in the event that OMNIA Partners Public Sector is made aware of any pricing being offered to three (3) or more Participating Public Agencies that is materially inconsistent with the pricing under the Master Agreement, OMNIA Partners Public Sector shall have the right to conduct a reasonable audit of Supplier's pricing at Supplier's sole cost and expense during regular business hours and upon reasonable notice. OMNIA Partners Public Sector may conduct the audit internally or may engage a third-party auditing firm. Supplier shall solely be responsible for the cost

of the audit. In the event of an audit, the requested materials shall be provided in the format and at the location where kept in the ordinary course of business by Supplier.

## **ARTICLE V**

### **FEES & REPORTING**

5.1 **Administrative Fees.** Supplier shall pay to OMNIA Partners Public Sector a monthly administrative fee based upon the total sales price of all purchases shipped and billed pursuant to the Master Agreement, excluding taxes, in the amount of three percent (3%) of aggregate purchases made during each calendar month (individually and collectively, "**Administrative Fees**"). Supplier's annual sales shall be measured on a calendar year basis. All Administrative Fees shall be payable in U.S. Dollars and shall be made by wire to OMNIA Partners Public Sector, or its designee or trustee as may be directed in writing by OMNIA Partners Public Sector. Administrative Fees shall be due and payable within thirty (30) days of the end of each calendar month for purchases shipped and billed during such calendar month. OMNIA Partners Public Sector agrees to pay to Lead Public Agency five percent (5%) of all Administrative Fees received from Supplier to help offset Lead Public Agency's costs incurred in connection with managing the Master Agreement nationally. The Supplier's obligations to pay Administrative Fees based on aggregate purchases calculated and accrued during the term of the Agreement shall survive the termination of the Agreement and the Master Agreement, regardless of reason for the termination.

5.2 **Sales Reports.** Within thirty (30) days of the end of each calendar month, Supplier shall deliver to OMNIA Partners Public Sector an electronic accounting report, in the format prescribed by the Contract Sales Reporting Template, attached hereto as **Exhibit B**, summarizing all purchases made under the Master Agreement during such calendar month ("**Sales Report**"). All purchases indicated in the Sales Report shall be denominated in U.S. Dollars. All purchases shipped and billed pursuant to the Master Agreement for the applicable calendar month shall be included in the Sales Report. Submitted reports shall be verified by OMNIA Partners Public Sector against its registration database. Any data that is inconsistent with the registration database shall be changed prior to processing. OMNIA Partners Public Sector reserves the right upon reasonable advance notice to Supplier to change the prescribed report format to accommodate the distribution of the Administrative Fees to its program sponsors, state associations and/or Lead Agencies.

5.3 **Exception Reporting/Sales Reports Audits.** OMNIA Partners Public Sector or its designee may, at its sole discretion, compare Supplier's Sales Reports with Participating Public Agency records or other sales analysis performed by Participating Public Agencies, sponsors, or OMNIA Partners Public Sector staff. If there is a material discrepancy between the Sales Report and such records or sales analysis as determined by OMNIA Partners Public Sector, OMNIA Partners Public Sector shall notify Supplier in writing and Supplier shall have thirty (30) days from the date of such notice to resolve the discrepancy to OMNIA Partners Public Sector's reasonable satisfaction. Upon resolution of the discrepancy, Supplier shall remit payment to OMNIA Partners Public Sector's trustee within fifteen (15) calendar days. Any questions regarding an exception report should be directed to OMNIA Partners Public Sector in writing. If Supplier does not resolve the discrepancy to OMNIA Partners Public Sector's reasonable satisfaction within thirty (30) days, OMNIA Partners Public Sector shall have the right to engage outside services to conduct an independent audit of Supplier's reports. Supplier shall solely be responsible for the cost of the audit.

5.4 **Online Reporting.** Within forty-five (45) days of the end of each calendar month, OMNIA Partners Public Sector shall provide online reporting to Supplier containing Supplier's sales reporting for such calendar month. Supplier shall have access to various reports through the OMNIA Partners Public Sector intranet website. Such reports are useful in resolving reporting issues and

enabling Supplier to better manage its Master Agreement.

5.5 Usage Reporting. Within thirty (30) days of the end of each contract year, Supplier shall deliver to OMNIA Partners Public Sector an electronic usage report of all sales under the Master Agreement, including:

- (i) Supplier's Product Number
- (ii) Product Description
- (iii) Manufacturer Name
- (iv) Manufacturer Number
- (v) Unit of Measure
- (vi) OMNIA Partners Public Sector Price
- (vii) Number of times ordered
- (viii) Units sold
- (ix) Sales by Manufacturer

5.6 Supplier's Failure to Provide Reports or Pay Administrative Fees. Failure to provide a Sales Report or pay Administrative Fees within the time and in the manner specified herein shall be regarded as a material breach under this Agreement and if not cured within thirty (30) days of written notice to Supplier, shall be deemed a cause for termination of the Master Agreement at Lead Public Agency's sole discretion or this Agreement at OMNIA Partners Public Sector's sole discretion. All Administrative Fees not paid within thirty (30) days of the end of the previous calendar month shall bear interest at the rate of one and one-half percent (1.5%) per month until paid in full.

## **ARTICLE VI**

### **MISCELLANEOUS**

6.1 Entire Agreement. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter hereof, and no other agreement, statement, or promise relating to the subject matter of this Agreement which is not contained herein shall be valid or binding.

6.2 Assignment.

(a) Supplier. Neither this Agreement nor any rights or obligations hereunder shall be assignable by Supplier without prior written consent of OMNIA Partners Public Sector, and any assignment without such consent shall be void.

(b) OMNIA Partners Public Sector. This Agreement and any rights or obligations hereunder may be assigned by OMNIA Partners Public Sector in OMNIA Partners Public Sector's sole discretion, to an existing or newly established legal entity that has the authority and capacity to perform OMNIA Partners Public Sector's obligations hereunder.

6.3 Notices. All reports, notices or other communications given hereunder shall be delivered by first-class mail, postage prepaid, or overnight delivery requiring signature on receipt to the addresses as set forth below. OMNIA Partners Public Sector may, by written notice delivered to Supplier, designate any different address to which subsequent reports, notices or other communications shall be sent.

OMNIA Partners Public Sector: OMNIA Partners, Public Sector  
Attn: President  
840 Crescent Centre Drive  
Suite 600  
Franklin, TN 37067

Supplier: .

Attn: OMNIA Partners Public Sector Program Manager

6.4 Severability. If any provision of this Agreement shall be deemed to be, or shall in fact be, illegal, inoperative or unenforceable, the same shall not affect any other provision or provisions herein contained or render the same invalid, inoperative or unenforceable to any extent whatever.

6.5 Waiver. Any failure of a party to enforce, for any period of time, any of the provisions under this Agreement shall not be construed as a waiver of such provisions or of the right of said party thereafter to enforce each and every provision under this Agreement.

6.6 Counterparts. This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

6.7 Modifications. This Agreement may not be effectively amended, changed, modified, altered or terminated without the prior written consent of the parties hereto.

6.8 Mediation. In the event that there is a dispute over any of the provisions of this Agreement, an asserted breach of the Agreement, or a dispute over the applicability or legality of any of the provisions of this Agreement, the parties agree that they will mediate such dispute or asserted breach as a condition precedent to any proceeding brought in any court or administrative forum. The moving party shall provide the other with ten (10) business days written notice and demand for mediation. Mediation shall occur between executive officials of each party who shall have full authority to resolve the dispute or asserted breach. Mediation shall occur at a mutually convenient venue or telephonically at the option of OMNIA Partners Public Sector. The parties shall endeavor to conclude such mediation within forty-five (45) days of the written demand, but may mutually agree in writing to extend this timeframe. If the mediation is not concluded within forty-five (45) days of the written demand, the mediation requirement may be deemed satisfied at the sole discretion of OMNIA Partners Public Sector. In no event shall the mediation bar extend past six (6) months unless agreed to in writing by both parties. The parties shall cover their own costs of mediation.

6.9 Applicable law, Jurisdiction, Venue and Fees. This Agreement shall be governed by the laws of the State of Tennessee and applicable federal law. If, following the mandatory mediation in paragraph 6.8, either party brings against the other any proceeding arising out of this Agreement, that party may bring that proceeding only in the United States District Court for the Middle District of Tennessee, only if there is not federal subject matter jurisdiction or diversity, in the Circuit or Chancery Court for Williamson County, Tennessee. Each party submits to the exclusive jurisdiction of these courts for purposes of any such proceeding and waives any contest to venue. The prevailing party in any such proceeding shall be entitled to recover reasonable attorneys' fees and costs.

7.0 Successors and Assigns. This Agreement shall inure to the benefit of and shall be binding upon OMNIA Partners Public Sector, Supplier and any successor and assign thereto; subject, however, to the limitations contained herein.

*[Remainder of Page Intentionally Left Blank – Signatures Follow]*

IN WITNESS WHEREOF, OMNIA Partners Public Sector has caused this Agreement to be executed in its name and Supplier has caused this Agreement to be executed in its name, all as of the date first written above.

OMNIA PARTNERS PUBLIC SECTOR

By \_\_\_\_\_

Name: Sarah E. Vavra

Title: Sr. Vice President, Public Sector Contracting

Date: \_\_\_\_\_

Supplier:

By \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

EXAMPLE

## EXHIBIT A

# MASTER INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT, EXAMPLE

## MASTER INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT

This Master Intergovernmental Cooperative Purchasing Agreement (this “**Agreement**”) is entered into by and between those certain government agencies that execute a Principal Procurement Agency Certificate (“**Principal Procurement Agencies**”) with National Intergovernmental Purchasing Alliance Company, a Delaware corporation d/b/a OMNIA Partners, Public Sector and/or Communities Program Management, LLC, a California limited liability company d/b/a U.S. Communities (collectively, “**OMNIA Partners Public Sector**”) to be appended and made a part hereof and such other public agencies (“**Participating Public Agencies**”) who register to participate in the cooperative purchasing programs administered by OMNIA Partners, Public Sector and its affiliates and subsidiaries (collectively, the “**OMNIA Partners Parties**”) by either registering on the OMNIA Partners, Public Sector website ([www.omniapartners.com/publicsector](http://www.omniapartners.com/publicsector) or any successor website), or by executing a copy of this Agreement.

### RECITALS

**WHEREAS**, after a competitive solicitation and selection process by Principal Procurement Agencies, in compliance with their own policies, procedures, rules and regulations, a number of suppliers have entered into “**Master Agreements**” (herein so called) to provide a variety of goods, products and services (“**Products**”) to the applicable Principal Procurement Agency and the Participating Public Agencies;

**WHEREAS**, Master Agreements are made available by Principal Procurement Agencies through the OMNIA Partners Parties and provide that Participating Public Agencies may purchase Products on the same terms, conditions and pricing as the Principal Procurement Agency, subject to any applicable federal and/or local purchasing ordinances and the laws of the State of purchase; and

**WHEREAS**, in addition to Master Agreements, the OMNIA Partners Parties may from time to time offer Participating Public Agencies the opportunity to acquire Products through other group purchasing agreements.

**NOW, THEREFORE**, in consideration of the mutual promises contained in this Agreement, and of the mutual benefits to result, the parties hereby agree as follows:

1. Each party will facilitate the cooperative procurement of Products.
2. The Participating Public Agencies shall procure Products in accordance with and subject to the relevant federal, state and local statutes, ordinances, rules and regulations that govern Participating Public Agency’s procurement practices. The Participating Public Agencies hereby acknowledge and agree that it is the intent of the parties that all provisions of this Agreement and that Principal Procurement Agencies’ participation in the program described herein comply with all applicable laws, including but not limited to the requirements of 42 C.F.R. § 1001.952(h), as may be amended from time to time. The Participating Public Agencies further acknowledge and agree that they are solely responsible for their compliance with all applicable “safe harbor” regulations,

including but not limited to any and all obligations to fully and accurately report discounts and incentives.

3. The Participating Public Agency represents and warrants that the Participating Public Agency is not a hospital or other healthcare provider and is not purchasing Products on behalf of a hospital or healthcare provider.

4. The cooperative use of Master Agreements shall be in accordance with the terms and conditions of the Master Agreements, except as modification of those terms and conditions is otherwise required by applicable federal, state or local law, policies or procedures.

5. The Principal Procurement Agencies will make available, upon reasonable request, Master Agreement information which may assist in improving the procurement of Products by the Participating Public Agencies.

6. The Participating Public Agency agrees the OMNIA Partners Parties may provide access to group purchasing organization (“**GPO**”) agreements directly or indirectly by enrolling the Participating Public Agency in another GPO’s purchasing program, including but not limited to Vizient Source, LLC, Provista, Inc. and other OMNIA Partners, Public Sector affiliates and subsidiaries; provided the purchase of Products through the OMNIA Partners Parties or any other GPO shall be at the Participating Public Agency’s sole discretion.

7. The Participating Public Agencies (each a “**Procuring Party**”) that procure Products through any Master Agreement or GPO Product supply agreement (each a “**GPO Contract**”) will make timely payments to the distributor, manufacturer or other vendor (collectively, “**Supplier**”) for Products received in accordance with the terms and conditions of the Master Agreement or GPO Contract, as applicable. Payment for Products and inspections and acceptance of Products ordered by the Procuring Party shall be the exclusive obligation of such Procuring Party. Disputes between Procuring Party and any Supplier shall be resolved in accordance with the law and venue rules of the State of purchase unless otherwise agreed to by the Procuring Party and Supplier.

8. The Procuring Party shall not use this Agreement as a method for obtaining additional concessions or reduced prices for purchase of similar products or services outside of the Master Agreement. Master Agreements may be structured with not-to-exceed pricing, in which cases the Supplier may offer the Procuring Party and the Procuring Party may accept lower pricing or additional concessions for purchase of Products through a Master Agreement.

9. The Procuring Party shall be responsible for the ordering of Products under this Agreement. A non-procuring party shall not be liable in any fashion for any violation by a Procuring Party, and, to the extent permitted by applicable law, the Procuring Party shall hold non-procuring party harmless from any liability that may arise from the acts or omissions of the Procuring Party.

10. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, THE OMNIA PARTNERS PARTIES EXPRESSLY DISCLAIM ALL EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES REGARDING ANY PRODUCT, MASTER AGREEMENT AND GPO CONTRACT. THE OMNIA PARTNERS PARTIES SHALL NOT BE LIABLE IN ANY WAY FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, EXEMPLARY, PUNITIVE, OR RELIANCE DAMAGES, EVEN IF THE OMNIA PARTNERS PARTIES ARE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. FURTHER, THE

PROCURING PARTY ACKNOWLEDGES AND AGREES THAT THE OMNIA PARTNERS PARTIES SHALL HAVE NO LIABILITY FOR ANY ACT OR OMISSION BY A SUPPLIER OR OTHER PARTY UNDER A MASTER AGREEMENT OR GPO CONTRACT.

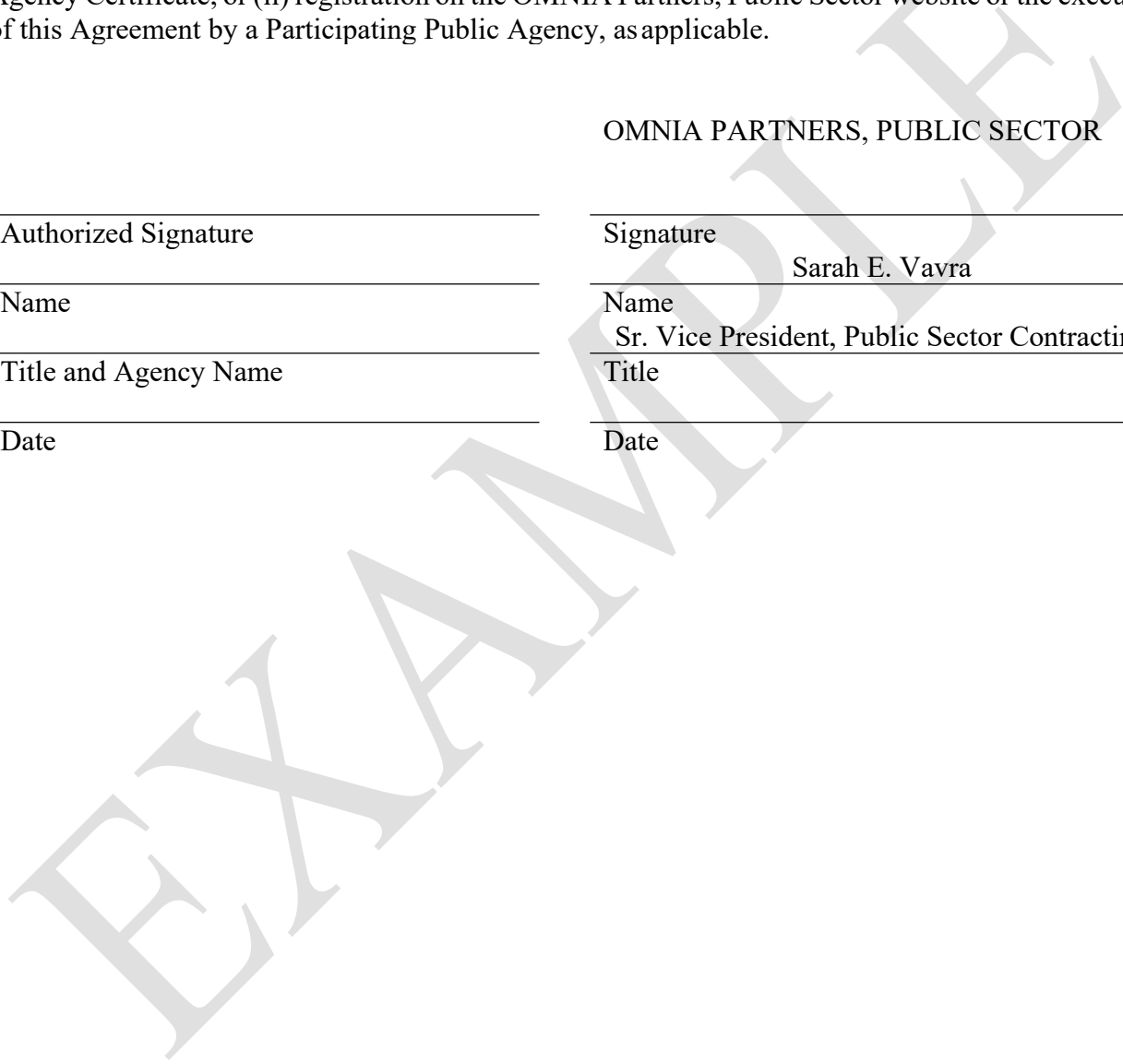
11. This Agreement shall remain in effect until termination by either party giving thirty (30) days' written notice to the other party. The provisions of Paragraphs 6 - 10 hereof shall survive any such termination.

12. This Agreement shall take effect upon (i) execution of the Principal Procurement Agency Certificate, or (ii) registration on the OMNIA Partners, Public Sector website or the execution of this Agreement by a Participating Public Agency, as applicable.

OMNIA PARTNERS, PUBLIC SECTOR

\_\_\_\_\_  
Authorized Signature  
\_\_\_\_\_  
Name  
\_\_\_\_\_  
Title and Agency Name  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature  
Sarah E. Vavra  
\_\_\_\_\_  
Name  
Sr. Vice President, Public Sector Contracting  
\_\_\_\_\_  
Title  
\_\_\_\_\_  
Date





**OMNIA PARTNERS**

**EXHIBIT C**

**PRINCIPAL PROCUREMENT AGENCY CERTIFICATE, EXAMPLE**

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**PRINCIPAL PROCUREMENT AGENCY CERTIFICATE**

In its capacity as a Principal Procurement Agency (as defined below) for National Intergovernmental Purchasing Alliance Company, a Delaware corporation d/b/a OMNIA Partners, Public Sector (“OMNIA Partners, Public Sector”), [NAME OF PPA] agrees to pursue Master Agreements for Products as specified in the attached Exhibits to this Principal Procurement Agency Certificate.

I hereby acknowledge, in my capacity as \_\_\_\_\_ of and on behalf of [NAME OF PPA] (“Principal Procurement Agency”), that I have read and hereby agree to the general terms and conditions set forth in the attached Master Intergovernmental Cooperative Purchasing Agreement regulating the use of the Master Agreements and purchase of Products that from time to time are made available by Principal Procurement Agencies to Participating Public Agencies nationwide through OMNIA Partners, Public Sector.

I understand that the purchase of one or more Products under the provisions of the Master Intergovernmental Cooperative Purchasing Agreement is at the sole and complete discretion of the Participating Public Agency.

Authorized Signature, [PRINCIPAL PROCUREMENT AGENCY]

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**OMNIA PARTNERS**  
**EXHIBIT D**  
**FEDERAL FUNDS CERTIFICATIONS**

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**FEDERAL CERTIFICATIONS**  
ADDENDUM FOR AGREEMENT FUNDED BY U.S. FEDERAL GRANT

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**TO WHOM IT MAY CONCERN:**

Participating Agencies may elect to use federal funds to purchase under the Master Agreement. This form should be completed and returned.

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**DEFINITIONS**

**Contract** means a legal instrument by which a non-Federal entity purchases property or services needed to carry out the project or program under a Federal award. The term as used in this part does not include a legal instrument, even if the non-Federal entity considers it a contract, when the substance of the transaction meets the definition of a Federal award or subaward

**Contractor** means an entity that receives a contract as defined in Contract.

**Cooperative agreement** means a legal instrument of financial assistance between a Federal awarding agency or pass-through entity and a non-Federal entity that, consistent with 31 U.S.C. 6302-6305:

- (a) Is used to enter into a relationship the principal purpose of which is to transfer anything of value from the Federal awarding agency or pass-through entity to the non-Federal entity to carry out a public purpose authorized by a law of the United States (see 31 U.S.C. 6101(3)); and not to acquire property or services for the Federal government or pass-through entity's direct benefit or use;
- (b) Is distinguished from a grant in that it provides for substantial involvement between the Federal awarding agency or pass-through entity and the non-Federal entity in carrying out the activity contemplated by the Federal award.
- (c) The term does not include:
  - (1) A cooperative research and development agreement as defined in 15 U.S.C. 3710a; or
  - (2) An agreement that provides only:
    - (i) Direct United States Government cash assistance to an individual;
    - (ii) A subsidy;
    - (iii) A loan;
    - (iv) A loan guarantee; or
    - (v) Insurance.

**Federal awarding agency** means the Federal agency that provides a Federal award directly to a non-Federal entity

**Federal award** has the meaning, depending on the context, in either paragraph (a) or (b) of this section:

- (a)(1) The Federal financial assistance that a non-Federal entity receives directly from a Federal awarding agency or indirectly from a pass-through entity, as described in § 200.101 Applicability; or
- (2) The cost-reimbursement contract under the Federal Acquisition Regulations that a non-Federal entity receives directly from a Federal awarding agency or indirectly from a pass-through entity, as described in § 200.101 Applicability.
- (b) The instrument setting forth the terms and conditions. The instrument is the grant agreement, cooperative agreement, other agreement for assistance covered in paragraph (b) of § 200.40 Federal financial assistance, or the cost-reimbursement contract awarded under the Federal Acquisition Regulations.
- (c) Federal award does not include other contracts that a Federal agency uses to buy goods or services from a contractor or a contract to operate Federal government owned, contractor operated facilities (GOCOs).
- (d) See also definitions of Federal financial assistance, grant agreement, and cooperative agreement.

**Non-Federal entity** means a state, local government, Indian tribe, institution of higher education (IHE), or nonprofit organization that carries out a Federal award as a recipient or subrecipient.

**Nonprofit organization** means any corporation, trust, association, cooperative, or other organization, not including IHEs, that:

- (a) Is operated primarily for scientific, educational, service, charitable, or similar purposes in the public interest;

- (b) Is not organized primarily for profit; and
- (c) Uses net proceeds to maintain, improve, or expand the operations of the organization.

**Obligations** means, when used in connection with a non-Federal entity's utilization of funds under a Federal award, orders placed for property and services, contracts and subawards made, and similar transactions during a given period that require payment by the non-Federal entity during the same or a future period.

**Pass-through entity** means a non-Federal entity that provides a subaward to a subrecipient to carry out part of a Federal program.

**Recipient** means a non-Federal entity that receives a Federal award directly from a Federal awarding agency to carry out an activity under a Federal program. The term recipient does not include subrecipients.

**Simplified acquisition threshold** means the dollar amount below which a non-Federal entity may purchase property or services using small purchase methods. Non-Federal entities adopt small purchase procedures in order to expedite the purchase of items costing less than the simplified acquisition threshold. The simplified acquisition threshold is set by the Federal Acquisition Regulation at 48 CFR Subpart 2.1 (Definitions) and in accordance with 41 U.S.C. 1908. As of the publication of this part, the simplified acquisition threshold is \$150,000, but this threshold is periodically adjusted for inflation. (Also see definition of § 200.67 Micro-purchase.)

**Subaward** means an award provided by a pass-through entity to a subrecipient for the subrecipient to carry out part of a Federal award received by the pass-through entity. It does not include payments to a contractor or payments to an individual that is a beneficiary of a Federal program. A subaward may be provided through any form of legal agreement, including an agreement that the pass-through entity considers a contract.

**Subrecipient** means a non-Federal entity that receives a subaward from a pass-through entity to carry out part of a Federal program; but does not include an individual that is a beneficiary of such program. A subrecipient may also be a recipient of other Federal awards directly from a Federal awarding agency.

**Termination** means the ending of a Federal award, in whole or in part at any time prior to the planned end of period of performance.

The following certifications and provisions may be required and apply when Participating Agency expends federal funds for any purchase resulting from this procurement process. Pursuant to 2 C.F.R. § 200.326, all contracts, including small purchases, awarded by the Participating Agency and the Participating Agency's subcontractors shall contain the procurement provisions of Appendix II to Part 200, as applicable.

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**APPENDIX II TO 2 CFR PART 200**

**(A) Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.**

Pursuant to Federal Rule (A) above, when a Participating Agency expends federal funds, the Participating Agency reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

**(B) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)**

Pursuant to Federal Rule (B) above, when a Participating Agency expends federal funds, the Participating Agency reserves the right to immediately terminate any agreement in excess of \$10,000 resulting from this procurement process in the event of a breach or default of the agreement by Offeror as detailed in the terms of the contract.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

**(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 CFR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."**

Pursuant to Federal Rule (C) above, when a Participating Agency expends federal funds on any federally assisted construction

contract, the equal opportunity clause is incorporated by reference herein.

Does offeror agree to abide by the above? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

Pursuant to Federal Rule (D) above, when a Participating Agency expends federal funds during the term of an award for all contracts and subgrants for construction or repair, offeror will be in compliance with all applicable Davis-Bacon Act provisions.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

Pursuant to Federal Rule (E) above, when a Participating Agency expends federal funds, offeror certifies that offeror will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act during the term of an award for all contracts by Participating Agency resulting from this procurement process.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

Pursuant to Federal Rule (F) above, when federal funds are expended by Participating Agency, the offeror certifies that during the term of an award for all contracts by Participating Agency resulting from this procurement process, the offeror agrees to comply with all applicable requirements as referenced in Federal Rule (F) above.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended— Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA)

Pursuant to Federal Rule (G) above, when federal funds are expended by Participating Agency, the offeror certifies that during the term of an award for all contracts by Participating Agency member resulting from this procurement process, the offeror agrees to comply with all applicable requirements as referenced in Federal Rule (G) above.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

**(H) Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the Executive Office of the President Office of Management and Budget (OMB) guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.**

Pursuant to Federal Rule (H) above, when federal funds are expended by Participating Agency, the offeror certifies that during the term of an award for all contracts by Participating Agency resulting from this procurement process, the offeror certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency. If at any time during the term of an award the offeror or its principals becomes debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency, the offeror will notify the Participating Agency.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

**(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.**

Pursuant to Federal Rule (I) above, when federal funds are expended by Participating Agency, the offeror certifies that during the term and after the awarded term of an award for all contracts by Participating Agency resulting from this procurement process, the offeror certifies that it is in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). The undersigned further certifies that:

- (1) No Federal appropriated funds have been paid or will be paid for on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all covered sub-awards exceeding \$100,000 in Federal funds at all appropriate tiers and that all subrecipients shall certify and disclose accordingly.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

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**RECORD RETENTION REQUIREMENTS FOR CONTRACTS INVOLVING FEDERAL FUNDS**

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When federal funds are expended by Participating Agency for any contract resulting from this procurement process, offeror certifies that it will comply with the record retention requirements detailed in 2 CFR § 200.333. The offeror further certifies that offeror will retain all records as required by 2 CFR § 200.333 for a period of three years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

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**CERTIFICATION OF COMPLIANCE WITH THE ENERGY POLICY AND CONSERVATION ACT**

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When Participating Agency expends federal funds for any contract resulting from this procurement process, offeror certifies that it will comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq.; 49 C.F.R. Part 18).

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror

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**CERTIFICATION OF COMPLIANCE WITH BUY AMERICA PROVISIONS**

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To the extent purchases are made with Federal Highway Administration, Federal Railroad Administration, or Federal Transit Administration funds, offeror certifies that its products comply with all applicable provisions of the Buy America Act and agrees to

provide such certification or applicable waiver with respect to specific products to any Participating Agency upon request. Purchases made in accordance with the Buy America Act must still follow the applicable procurement rules calling for free and open competition.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror \_\_\_\_\_

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**CERTIFICATION OF ACCESS TO RECORDS – 2 C.F.R. § 200.336**

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Offeror agrees that the Inspector General of the Agency or any of their duly authorized representatives shall have access to any documents, papers, or other records of offeror that are pertinent to offeror's discharge of its obligations under the Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to offeror's personnel for the purpose of interview and discussion relating to such documents.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror \_\_\_\_\_

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**CERTIFICATION OF APPLICABILITY TO SUBCONTRACTORS**

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Offeror agrees that all contracts it awards pursuant to the Contract shall be bound by the foregoing terms and conditions.

Does offeror agree? YES \_\_\_\_\_ Initials of Authorized Representative of offeror \_\_\_\_\_

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**Offeror agrees to comply with all federal, state, and local laws, rules, regulations and ordinances, as applicable. It is further acknowledged that offeror certifies compliance with all provisions, laws, acts, regulations, etc. as specifically noted above.**

Offeror's Name: \_\_\_\_\_

Address, City, State, and Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Printed Name and Title of Authorized Representative: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature of Authorized Representative: \_\_\_\_\_ Date: \_\_\_\_\_

**OMNIA PARTNERS**  
**EXHIBIT E**  
**NEW JERSEY BUSINESS COMPLIANCE**

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**NEW JERSEY BUSINESS COMPLIANCE**

Suppliers intending to do business in the State of New Jersey must comply with policies and procedures required under New Jersey statutes. All offerors submitting bids/proposals must complete the following forms specific to the State of New Jersey. Completed forms should be submitted with the offeror's response to the IFB. Failure to complete the New Jersey packet will impact OMNIA Partners' ability to promote the Master Agreement in the State of New Jersey.

DOC #1	Ownership Disclosure Form
DOC #2	Non-Collusion Affidavit
DOC #3	Affirmative Action Affidavit
DOC #4	Political Contribution Disclosure Form
DOC #5	Stockholder Disclosure Certification
DOC #6	Certification of Non-Involvement in Prohibited Activities in Iran
DOC #7	New Jersey Business Registration Certificate

New Jersey suppliers are required to comply with the following New Jersey statutes when applicable:

- all anti-discrimination laws, including those contained in N.J.S.A. 10:2-1 through N.J.S.A. 10:2-14, N.J.S.A. 10:5-1, and N.J.S.A. 10:5-31 through 10:5-38;
- Prevailing Wage Act, N.J.S.A. 34:11-56.26, for all contracts within the contemplation of the Act;
- Public Works Contractor Registration Act, N.J.S.A. 34:11-56.26; and
- Bid and Performance Security, as required by the applicable municipal or state statutes.

**OWNERSHIP DISCLOSURE FORM  
(N.J.S. 52:25-24.2)**

Pursuant to the requirements of P.L. 1999, Chapter 440 effective April 17, 2000 (Local Public Contracts Law), the offeror shall complete the form attached to these specifications listing the persons owning 10 percent (10%) or more of the firm presenting the bid/proposal.

**Company Name:** \_\_\_\_\_

**Street:** \_\_\_\_\_

**City, State, Zip Code:** \_\_\_\_\_

**Complete as appropriate:**

I \_\_\_\_\_, certify that I am the sole owner of \_\_\_\_\_, that there are no partners and the business is not incorporated, and the provisions of N.J.S. 52:25-24.2 do not apply.

**OR:**

I \_\_\_\_\_, a partner in \_\_\_\_\_, do hereby certify that the following is a list of all individual partners who own a 10% or greater interest therein. I further certify that if one (1) or more of the partners is itself a corporation or partnership, there is also set forth the names and addresses of the stockholders holding 10% or more of that corporation's stock or the individual partners owning 10% or greater interest in that partnership.

**OR:**

I \_\_\_\_\_, an authorized representative of \_\_\_\_\_, a corporation, do hereby certify that the following is a list of the names and addresses of all stockholders in the corporation who own 10% or more of its stock of any class. I further certify that if one (1) or more of such stockholders is itself a corporation or partnership, that there is also set forth the names and addresses of the stockholders holding 10% or more of the corporation's stock or the individual partners owning a 10% or greater interest in that partnership.

**(Note: If there are no partners or stockholders owning 10% or more interest, indicate none.)**

Name	Address	Interest

I further certify that the statements and information contained herein, are complete and correct to the best of my knowledge and belief.

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Authorized Signature and Title*

**NON-COLLUSION AFFIDAVIT**

**Company Name:** \_\_\_\_\_

**Street:** \_\_\_\_\_

**City, State, Zip Code:** \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

I, \_\_\_\_\_ of the \_\_\_\_\_  
Name City

in the County of \_\_\_\_\_, State of \_\_\_\_\_  
of full age, being duly sworn according to law on my oath depose and say that:

I am the \_\_\_\_\_ of the firm of \_\_\_\_\_  
Title Company Name

*the Offeror making the Bid/Proposal for the goods, services or public work specified under the attached bid/proposal, and that I executed the said bid/proposal with full authority to do so; that said Offeror has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above bid/proposal, and that all statements contained in said bid/proposal and in this affidavit are true and correct, and made with full knowledge that relies upon the truth of the statements contained in said bid/proposal and in the statements contained in this affidavit in awarding the contract for the said goods, services or public work.*

*I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by*

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized Signature & Title

Subscribed and sworn before me

this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public of \_\_\_\_\_

My commission expires \_\_\_\_\_, 20\_\_\_\_

SEAL

**AFFIRMATIVE ACTION AFFIDAVIT  
(P.L. 1975, C.127)**

**Company Name:** \_\_\_\_\_

**Street:** \_\_\_\_\_

**City, State, Zip Code:** \_\_\_\_\_

**Bid/Proposal Certification:**

Indicate below company's compliance with New Jersey Affirmative Action regulations. Company's bid/proposal will be accepted even if company is not in compliance at this time. No contract and/or purchase order may be issued, however, until all Affirmative Action requirements are met.

**Required Affirmative Action Evidence:**

Procurement, Professional & Service Contracts (Exhibit A)

Vendors must submit with bid/proposal:

1. A photo copy of their Federal Letter of Affirmative Action Plan Approval

OR

2. A photo copy of their Certificate of Employee Information Report

OR

3. A complete Affirmative Action Employee Information Report (AA302) \_\_\_\_\_

**Public Work – Over \$50,000 Total Project Cost:**

A. No approved Federal or New Jersey Affirmative Action Plan. We will complete Report Form AA201-A upon receipt from the

B. Approved Federal or New Jersey Plan – certificate enclosed

*I further certify that the statements and information contained herein, are complete and correct to the best of my knowledge and belief.*

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Authorized Signature and Title*

**P.L. 1995, c. 127 (N.J.A.C. 17:27)**  
**MANDATORY AFFIRMATIVE ACTION LANGUAGE**

**PROCUREMENT, PROFESSIONAL AND SERVICE**  
**CONTRACTS**

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this non-discrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisement for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation.

The contractor or subcontractor, where applicable, will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to attempt in good faith to employ minority and female workers trade consistent with the applicable county employment goal prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, C.127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, C.127, as amended and supplemented from time to time.

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the state of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

The contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and lay-off to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code (NJAC 17:27).

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Signature of Procurement Agent

## C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM

### Public Agency Instructions

This page provides guidance to public agencies entering into contracts with business entities that are required to file Political Contribution Disclosure forms with the agency. **It is not intended to be provided to contractors.** What follows are instructions on the use of form local units can provide to contractors that are required to disclose political contributions pursuant to N.J.S.A. 19:44A-20.26 (P.L. 2005, c. 271, s.2). Additional information on the process is available in Local Finance Notice 2006-1 ([http://www.nj.gov/dca/divisions/dlgs/resources/lfns\\_2006.html](http://www.nj.gov/dca/divisions/dlgs/resources/lfns_2006.html)). Please refer back to these instructions for the appropriate links, as the Local Finance Notices include links that are no longer operational.

1. The disclosure is required for all contracts in excess of \$17,500 that are **not awarded** pursuant to a “fair and open” process (N.J.S.A. 19:44A-20.7).
2. Due to the potential length of some contractor submissions, the public agency should consider allowing data to be submitted in electronic form (i.e., spreadsheet, pdf file, etc.). Submissions must be kept with the contract documents or in an appropriate computer file and be available for public access. **The form is worded to accept this alternate submission.** The text should be amended if electronic submission will not be allowed.
3. The submission must be **received from the contractor and** on file at least 10 days prior to award of the contract. Resolutions of award should reflect that the disclosure has been received and is on file.
4. The contractor must disclose contributions made to candidate and party committees covering a wide range of public agencies, including all public agencies that have elected officials in the county of the public agency, state legislative positions, and various state entities. The Division of Local Government Services recommends that contractors be provided a list of the affected agencies. This will assist contractors in determining the campaign and political committees of the officials and candidates affected by the disclosure.
  - a. The Division has prepared model disclosure forms for each county. They can be downloaded from the “County PCD Forms” link on the Pay-to-Play web site at <http://www.nj.gov/dca/divisions/dlgs/programs/lpcl.html#12>. They will be updated from time-to-time as necessary.
  - b. A public agency using these forms **should edit them to properly reflect the correct legislative district(s)**. As the forms are county-based, **they list all legislative districts** in each county. **Districts that do not represent the public agency should be removed from the lists.**
  - c. Some contractors may find it easier to provide a single list that covers all contributions, regardless of the county. These submissions are appropriate and should be accepted.
  - d. The form may be used “as-is”, subject to edits as described herein.
  - e. The “Contractor Instructions” sheet is intended to be provided with the form. It is recommended that the Instructions and the form be printed on the same piece of paper. The form notes that the Instructions are printed on the back of the form; where that is not the case, the text should be edited accordingly.
  - f. The form is a Word document and can be edited to meet local needs, and posted for download on web sites, used as an e-mail attachment, or provided as a printed document.
5. It is recommended that the contractor also complete a “Stockholder Disclosure Certification.” This will assist the local unit in its obligation to ensure that contractor did not make any prohibited contributions to the committees listed on the Business Entity Disclosure Certification in the 12 months prior to the contract (See Local Finance Notice 2006-7 for additional information on this obligation at [http://www.nj.gov/dca/divisions/dlgs/resources/lfns\\_2006.html](http://www.nj.gov/dca/divisions/dlgs/resources/lfns_2006.html)). A sample Certification form is part of this package and the instruction to complete it is included in the Contractor Instructions. NOTE: This section is not applicable to Boards of Education.

## C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM

### Contractor Instructions

Business entities (contractors) receiving contracts from a public agency that are NOT awarded pursuant to a “fair and open” process (defined at N.J.S.A. 19:44A-20.7) are subject to the provisions of P.L. 2005, c. 271, s.2 (N.J.S.A. 19:44A-20.26). This law provides that 10 days prior to the award of such a contract, the contractor shall disclose contributions to:

- any State, county, or municipal committee of a political party
- any legislative leadership committee\*
- any continuing political committee (a.k.a., political action committee)
- any candidate committee of a candidate for, or holder of, an elective office:
  - of the public entity awarding the contract
  - of that county in which that public entity is located
  - of another public entity within that county
  - or of a legislative district in which that public entity is located or, when the public entity is a county, of any legislative district which includes all or part of the county

The disclosure must list reportable contributions to any of the committees that exceed \$300 per election cycle that were made during the 12 months prior to award of the contract. See N.J.S.A. 19:44A-8 and 19:44A-16 for more details on reportable contributions.

N.J.S.A. 19:44A-20.26 itemizes the parties from whom contributions must be disclosed when a business entity is not a natural person. This includes the following:

- individuals with an “interest” ownership or control of more than 10% of the profits or assets of a business entity or 10% of the stock in the case of a business entity that is a corporation for profit
- all principals, partners, officers, or directors of the business entity or their spouses
- any subsidiaries directly or indirectly controlled by the business entity
- IRS Code Section 527 New Jersey based organizations, directly or indirectly controlled by the business entity and filing as continuing political committees, (PACs).

When the business entity is a natural person, “a contribution by that person’s spouse or child, residing therewith, shall be deemed to be a contribution by the business entity.” [N.J.S.A. 19:44A-20.26(b)] The contributor must be listed on the disclosure.

Any business entity that fails to comply with the disclosure provisions shall be subject to a fine imposed by ELEC in an amount to be determined by the Commission which may be based upon the amount that the business entity failed to report.

The enclosed list of agencies is provided to assist the contractor in identifying those public agencies whose elected official and/or candidate campaign committees are affected by the disclosure requirement. It is the contractor’s responsibility to identify the specific committees to which contributions may have been made and need to be disclosed. The disclosed information may exceed the minimum requirement.

The enclosed form, a content-consistent facsimile, or an electronic data file containing the required details (along with a signed cover sheet) may be used as the contractor’s submission and is disclosable to the public under the Open Public Records Act.

The contractor must also complete the attached Stockholder Disclosure Certification. This will assist the agency in meeting its obligations under the law. **NOTE: This section does not apply to Board of Education contracts.**

\* N.J.S.A. 19:44A-3(s): “The term “legislative leadership committee” means a committee established, authorized to be established, or designated by the President of the Senate, the Minority Leader of the Senate, the Speaker of the General Assembly or the Minority Leader of the General Assembly pursuant to section 16 of P.L.1993, c.65 (C.19:44A-10.1) for the purpose of receiving contributions and making expenditures.”

**C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM**  
Required Pursuant to N.J.S.A. 19:44A-20.26

**This form or its permitted facsimile must be submitted to the local unit no later than 10 days prior to the award of the contract.**

**Part I – Vendor Information**

Vendor Name:			
Address:			
City:		State:	Zip:

The undersigned being authorized to certify, hereby certifies that the submission provided herein represents compliance with the provisions of N.J.S.A. 19:44A-20.26 and as represented by the Instructions accompanying this form.

\_\_\_\_\_  
Signature    Printed Name    Title

**Part II – Contribution Disclosure**

Disclosure requirement: Pursuant to N.J.S.A. 19:44A-20.26 this disclosure must include all reportable political contributions (more than \$300 per election cycle) over the 12 months prior to submission to the committees of the government entities listed on the form provided by the local unit.

Check here if disclosure is provided in electronic form

Contributor Name	Recipient Name	Date	Dollar Amount
			\$

Check here if the information is continued on subsequent page(s)

**List of Agencies with Elected Officials Required for Political Contribution Disclosure**  
**N.J.S.A. 19:44A-20.26**

**County Name:**

State: Governor, and Legislative Leadership Committees

Legislative District #s:

State Senator and two members of the General Assembly per district.

County:

Freeholders

{County Executive}

County Clerk

Surrogate

Sheriff

Municipalities (Mayor and members of governing body, regardless of title):

USERS SHOULD CREATE THEIR OWN FORM, OR DOWNLOAD FROM THE PAY TO PLAY SECTION OF THE DLGS WEBSITE A COUNTY-BASED, CUSTOMIZABLE FORM.

**STOCKHOLDER DISCLOSURE CERTIFICATION**

**Name of Business:**

I certify that the list below contains the names and home addresses of all stockholders holding 10% or more of the issued and outstanding stock of the undersigned.

**OR**

I certify that no one stockholder owns 10% or more of the issued and outstanding stock of the undersigned.

**Check the box that represents the type of business organization:**

Partnership

Corporation

Sole Proprietorship

Limited Partnership

Limited Liability Corporation

Limited Liability Partnership

Subchapter S Corporation

**Sign and notarize the form below, and, if necessary, complete the stockholder list below.**

Stockholders:

Name:	Name:
Home Address:	Home Address:
Name:	Name:
Home Address:	Home Address:
Name:	Name:
Home Address:	Home Address:

Subscribed and sworn before me this ___ day of _____, 2__.	_____
(Notary Public)	(Affiant)
My Commission expires:	_____
	(Print name & title of affiant)
	(Corporate Seal)

**Certification of Non-Involvement in Prohibited Activities in Iran**

Pursuant to N.J.S.A. 52:32-58, Offerors must certify that neither the Offeror, nor any of its parents, subsidiaries, and/or affiliates (as defined in N.J.S.A. 52:32 – 56(e) (3)), is listed on the Department of the Treasury’s List of Persons or Entities Engaging in Prohibited Investment Activities in Iran and that neither is involved in any of the investment activities set forth in N.J.S.A. 52:32 – 56(f).

Offerors wishing to do business in New Jersey through this contract must fill out the Certification of Non-Involvement in Prohibited Activities in Iran here:

[http://www.state.nj.us/humanservices/dfd/info/standard/fdc/disclosure\\_investmentact.pdf](http://www.state.nj.us/humanservices/dfd/info/standard/fdc/disclosure_investmentact.pdf).

Offerors should submit the above form completed with their bid/proposal.

DOC #7

**NEW JERSEY BUSINESS REGISTRATION CERTIFICATE  
(N.J.S.A. 52:32-44)**

Offerors wishing to do business in New Jersey must submit their State Division of Revenue issued Business Registration Certificate with their bid/proposal here. Failure to do so will disqualify the Offeror from offering products or services in New Jersey through any resulting contract.

<http://www.state.nj.us/treasury/revenue/forms/njreg.pdf>

# OMNIA Partners

## EXHIBIT F

### ADVERTISING COMPLIANCE REQUIREMENT

Pursuant to certain state notice provisions, including but not limited to Oregon Revised Statutes Chapter 279A.220, the following public agencies and political subdivisions of the referenced public agencies are eligible to register with OMNIA Partners and access the Master Agreement contract award made pursuant to this solicitation, and are hereby given notice of the foregoing Invitation for Bids for purposes of complying with the procedural requirements of said statutes:

Nationwide:

State of Alabama	State of Hawaii	State of Massachusetts	State of New Mexico	State of South Dakota
State of Alaska	State of Idaho	State of Michigan	State of New York	State of Tennessee
State of Arizona	State of Illinois	State of Minnesota	State of North Carolina	State of Texas
State of Arkansas	State of Indiana	State of Mississippi	State of North Dakota	State of Utah
State of California	State of Iowa	State of Missouri	State of Ohio	State of Vermont
State of Colorado	State of Kansas	State of Montana	State of Oklahoma	State of Virginia
State of Connecticut	State of Kentucky	State of Nebraska	State of Oregon	State of Washington
State of Delaware	State of Louisiana	State of Nevada	State of Pennsylvania	State of West Virginia
State of Florida	State of Maine	State of New Hampshire	State of Rhode Island	State of Wisconsin
State of Georgia	State of Maryland	State of New Jersey	State of South Carolina	State of Wyoming
District of Columbia				

Lists of political subdivisions and local governments in the above referenced states / districts may be found at [http://www.usa.gov/Agencies/State\\_and\\_Territories.shtml](http://www.usa.gov/Agencies/State_and_Territories.shtml) and <https://www.usa.gov/local-governments>.

Certain Public Agencies and Political Subdivisions:

#### **CITIES, TOWNS, VILLAGES AND BOROUGHS INCLUDING BUT NOT LIMITED TO:**

BAKER CITY GOLF COURSE, OR  
CITY OF ADAIR VILLAGE, OR  
CITY OF ASHLAND, OR  
CITY OF AUMSVILLE, OR  
CITY OF AURORA, OR  
CITY OF BAKER, OR  
CITY OF BATON ROUGE, LA  
CITY OF BEAVERTON, OR  
CITY OF BEND, OR  
CITY OF BOARDMAN, OR  
CITY OF BONANAZA, OR  
CITY OF BOSSIER CITY, LA  
CITY OF BROOKINGS, OR  
CITY OF BURNS, OR  
CITY OF CANBY, OR  
CITY OF CANYONVILLE, OR  
CITY OF CLATSKANIE, OR  
CITY OF COBURG, OR  
CITY OF CONDON, OR  
CITY OF COQUILLE, OR  
CITY OF CORVALLI, OR  
CITY OF CORVALLIS PARKS AND RECREATION DEPARTMENT, OR  
CITY OF COTTAGE GROVE, OR  
CITY OF DONALD, OR  
CITY OF EUGENE, OR  
CITY OF FOREST GROVE, OR  
CITY OF GOLD HILL, OR  
CITY OF GRANTS PASS, OR  
CITY OF GRESHAM, OR  
CITY OF HILLSBORO, OR  
CITY OF INDEPENDENCE, OR

CITY AND COUNTY OF HONOLULU, HI  
CITY OF KENNER, LA  
CITY OF LA GRANDE, OR  
CITY OF LAFAYETTE, LA  
CITY OF LAKE CHARLES, OR  
CITY OF LEBANON, OR  
CITY OF MCMINNVILLE, OR  
CITY OF MEDFORD, OR  
CITY OF METAIRIE, LA  
CITY OF MILL CITY, OR  
CITY OF MILWAUKIE, OR  
CITY OF MONROE, LA  
CITY OF MOSIER, OR  
CITY OF NEW ORLEANS, LA  
CITY OF NORTH PLAINS, OR  
CITY OF OREGON CITY, OR  
CITY OF PILOT ROCK, OR  
CITY OF PORTLAND, OR  
CITY OF POWERS, OR  
CITY OF PRINEVILLE, OR  
CITY OF REDMOND, OR  
CITY OF REEDSPORT, OR  
CITY OF RIDDLE, OR  
CITY OF ROGUE RIVER, OR  
CITY OF ROSEBURG, OR  
CITY OF SALEM, OR  
CITY OF SANDY, OR  
CITY OF SCAPPOOSE, OR  
CITY OF SHADY COVE, OR  
CITY OF SHERWOOD, OR  
CITY OF SHREVEPORT, LA  
CITY OF SILVERTON, OR  
CITY OF SPRINGFIELD, OR  
CITY OF ST. HELENS, OR

CITY OF ST. PAUL, OR  
CITY OF SULPHUR, LA  
CITY OF TIGARD, OR  
CITY OF TROUTDALE, OR  
CITY OF TUALATIN, OR  
CITY OF WALKER, LA  
CITY OF WARRENTON, OR  
CITY OF WEST LINN, OR  
CITY OF WILSONVILLE, OR  
CITY OF WINSTON, OR  
CITY OF WOODBURN, OR  
LEAGUE OF OREGON CITES  
THE CITY OF HAPPY VALLEY OREGON  
ALPINE, UT  
ALTA, UT  
ALTAMONT, UT  
ALTON, UT  
AMALGA, UT  
AMERICAN FORK CITY, UT  
ANNABELLA, UT  
ANTIMONY, UT  
APPLE VALLEY, UT  
AURORA, UT  
BALLARD, UT  
BEAR RIVER CITY, UT  
BEAVER, UT  
BICKNELL, UT  
BIG WATER, UT  
BLANDING, UT  
BLUFFDALE, UT  
BOULDER, UT  
CITY OF BOUNTIFUL, UT  
BRIAN HEAD, UT  
BRIGHAM CITY CORPORATION, UT  
BRYCE CANYON CITY, UT  
CANNONVILLE, UT  
CASTLE DALE, UT  
CASTLE VALLEY, UT  
CITY OF CEDAR CITY, UT  
CEDAR FORT, UT  
CITY OF CEDAR HILLS, UT  
CENTERFIELD, UT  
CENTERVILLE CITY CORPORATION, UT  
CENTRAL VALLEY, UT  
CHARLESTON, UT  
CIRCLEVILLE, UT  
CLARKSTON, UT  
CLAWSON, UT  
CLEARFIELD, UT  
CLEVELAND, UT  
CLINTON CITY CORPORATION, UT  
COALVILLE, UT  
CORINNE, UT  
CORNISH, UT  
COTTONWOOD HEIGHTS, UT  
DANIEL, UT  
DELTA, UT  
DEWEYVILLE, UT  
DRAPER CITY, UT  
DUCHESNE, UT  
EAGLE MOUNTAIN, UT  
EAST CARBON, UT  
ELK RIDGE, UT  
ELMO, UT  
ELSINORE, UT  
ELWOOD, UT  
EMERY, UT  
ENOCH, UT  
ENTERPRISE, UT

EPHRAIM, UT  
ESCALANTE, UT  
EUREKA, UT  
FAIRFIELD, UT  
FAIRVIEW, UT  
FARMINGTON, UT  
FARR WEST, UT  
FAYETTE, UT  
FERRON, UT  
FIELDING, UT  
FILLMORE, UT  
FOUNTAIN GREEN, UT  
FRANCIS, UT  
FRUIT HEIGHTS, UT  
GARDEN CITY, UT  
GARLAND, UT  
GENOLA, UT  
GLENDALE, UT  
GLENWOOD, UT  
GOSHEN, UT  
GRANTSVILLE, UT  
GREEN RIVER, UT  
GUNNISON, UT  
HANKSVILLE, UT  
HARRISVILLE, UT  
HATCH, UT  
HEBER CITY CORPORATION, UT  
HELPER, UT  
HENEFER, UT  
HENRIEVILLE, UT  
HERRIMAN, UT  
HIDEOUT, UT  
HIGHLAND, UT  
HILDALE, UT  
HINCKLEY, UT  
HOLDEN, UT  
HOLLADAY, UT  
HONEYVILLE, UT  
HOOPER, UT  
HOWELL, UT  
HUNTINGTON, UT  
HUNTSVILLE, UT  
CITY OF HURRICANE, UT  
HYDE PARK, UT  
HYRUM, UT  
INDEPENDENCE, UT  
IVINS, UT  
JOSEPH, UT  
JUNCTION, UT  
KAMAS, UT  
KANAB, UT  
KANARRAVILLE, UT  
KANOSH, UT  
KAYSVILLE, UT  
KINGSTON, UT  
KOOSHAREM, UT  
LAKETOWN, UT  
LA VERKIN, UT  
LAYTON, UT  
LEAMINGTON, UT  
LEEDS, UT  
LEHI CITY CORPORATION, UT  
LEVAN, UT  
LEWISTON, UT  
LINDON, UT  
LOA, UT  
LOGAN CITY, UT  
LYMAN, UT  
LYNNDYL, UT

MANILA, UT  
MANTI, UT  
MANTUA, UT  
MAPLETON, UT  
MARRIOTT-SLATERVILLE, UT  
MARYSVALE, UT  
MAYFIELD, UT  
MEADOW, UT  
MENDON, UT  
MIDVALE CITY INC., UT  
MIDWAY, UT  
MILFORD, UT  
MILLVILLE, UT  
MINERSVILLE, UT  
MOAB, UT  
MONA, UT  
MONROE, UT  
CITY OF MONTICELLO, UT  
MORGAN, UT  
MORONI, UT  
MOUNT PLEASANT, UT  
MURRAY CITY CORPORATION, UT  
MYTON, UT  
NAPLES, UT  
NEPHI, UT  
NEW HARMONY, UT  
NEWTON, UT  
NIBLEY, UT  
NORTH LOGAN, UT  
NORTH OGDEN, UT  
NORTH SALT LAKE CITY, UT  
OAK CITY, UT  
OAKLEY, UT  
OGDEN CITY CORPORATION, UT  
OPHIR, UT  
ORANGEVILLE, UT  
ORDERVILLE, UT  
OREM, UT  
PANGUITCH, UT  
PARADISE, UT  
PARAGONAH, UT  
PARK CITY, UT  
PAROWAN, UT  
PAYSON, UT  
PERRY, UT  
PLAIN CITY, UT  
PLEASANT GROVE CITY, UT  
PLEASANT VIEW, UT  
PLYMOUTH, UT  
PORTAGE, UT  
PRICE, UT  
PROVIDENCE, UT  
PROVO, UT  
RANDOLPH, UT  
REDMOND, UT  
RICHFIELD, UT  
RICHMOND, UT  
RIVERDALE, UT  
RIVER HEIGHTS, UT  
RIVERTON CITY, UT  
ROCKVILLE, UT  
ROCKY RIDGE, UT  
ROOSEVELT CITY CORPORATION, UT  
ROY, UT  
RUSH VALLEY, UT  
CITY OF ST. GEORGE, UT  
SALEM, UT  
SALINA, UT  
SALT LAKE CITY CORPORATION, UT

SANDY, UT  
SANTA CLARA, UT  
SANTAQUIN, UT  
SARATOGA SPRINGS, UT  
SCIPIO, UT  
SCOFIELD, UT  
SIGURD, UT  
SMITHFIELD, UT  
SNOWVILLE, UT  
CITY OF SOUTH JORDAN, UT  
SOUTH OGDEN, UT  
CITY OF SOUTH SALT LAKE, UT  
SOUTH WEBER, UT  
SPANISH FORK, UT  
SPRING CITY, UT  
SPRINGDALE, UT  
SPRINGVILLE, UT  
STERLING, UT  
STOCKTON, UT  
SUNNYSIDE, UT  
SUNSET CITY CORP, UT  
SYRACUSE, UT  
TABIONA, UT  
CITY OF TAYLORSVILLE, UT  
TOOELE CITY CORPORATION, UT  
TOQUERVILLE, UT  
TORREY, UT  
TREMONTON CITY, UT  
TRENTON, UT  
TROPIC, UT  
UINTAH, UT  
VERNAL CITY, UT  
VERNON, UT  
VINEYARD, UT  
VIRGIN, UT  
WALES, UT  
WALLSBURG, UT  
WASHINGTON CITY, UT  
WASHINGTON TERRACE, UT  
WELLINGTON, UT  
WELLSVILLE, UT  
WENDOVER, UT  
WEST BOUNTIFUL, UT  
WEST HAVEN, UT  
WEST JORDAN, UT  
WEST POINT, UT  
WEST VALLEY CITY, UT  
WILLARD, UT  
WOODLAND HILLS, UT  
WOODRUFF, UT  
WOODS CROSS, UT

**COUNTIES AND PARISHES INCLUDING BUT NOT LIMITED TO:**

ASCENSION PARISH, LA  
ASCENSION PARISH, LA, CLEAR OF COURT  
CADDO PARISH, LA  
CALCASIEU PARISH, LA  
CALCASIEU PARISH SHERIFF'S OFFICE, LA  
CITY AND COUNTY OF HONOLULU, HI  
CLACKAMAS COUNTY, OR  
CLACKAMAS COUNTY DEPT OF TRANSPORTATION,  
OR  
CLATSOP COUNTY, OR  
COLUMBIA COUNTY, OR  
COOS COUNTY, OR  
COOS COUNTY HIGHWAY DEPARTMENT, OR  
COUNTY OF HAWAII, OR  
CROOK COUNTY, OR

CROOK COUNTY ROAD DEPARTMENT, OR  
CURRY COUNTY, OR  
DESCHUTES COUNTY, OR  
DOUGLAS COUNTY, OR  
EAST BATON ROUGE PARISH, LA  
GILLIAM COUNTY, OR  
GRANT COUNTY, OR  
HARNEY COUNTY, OR  
HARNEY COUNTY SHERIFFS OFFICE, OR  
HAWAII COUNTY, HI  
HOOD RIVER COUNTY, OR  
JACKSON COUNTY, OR  
JEFFERSON COUNTY, OR  
JEFFERSON PARISH, LA  
JOSEPHINE COUNTY GOVERNMENT, OR  
LAFAYETTE CONSOLIDATED GOVERNMENT, LA  
LAFAYETTE PARISH, LA  
LAFAYETTE PARISH CONVENTION & VISITORS  
COMMISSION  
LAFOURCHE PARISH, LA  
KAUAI COUNTY, HI  
KLAMATH COUNTY, OR  
LAKE COUNTY, OR  
LANE COUNTY, OR  
LINCOLN COUNTY, OR  
LINN COUNTY, OR  
LIVINGSTON PARISH, LA  
MALHEUR COUNTY, OR  
MAUI COUNTY, HI  
MARION COUNTY, SALEM, OR  
MORROW COUNTY, OR  
MULTNOMAH COUNTY, OR  
MULTNOMAH COUNTY BUSINESS AND  
COMMUNITY SERVICES, OR  
MULTNOMAH COUNTY SHERIFFS OFFICE, OR  
MULTNOMAH LAW LIBRARY, OR  
ORLEANS PARISH, LA  
PLAQUEMINES PARISH, LA  
POLK COUNTY, OR  
RAPIDES PARISH, LA  
SAINT CHARLES PARISH, LA  
SAINT CHARLES PARISH PUBLIC SCHOOLS, LA  
SAINT LANDRY PARISH, LA  
SAINT TAMMANY PARISH, LA  
SHERMAN COUNTY, OR  
TERREBONNE PARISH, LA  
TILLAMOOK COUNTY, OR  
TILLAMOOK COUNTY SHERIFF'S OFFICE, OR  
TILLAMOOK COUNTY GENERAL HOSPITAL, OR  
UMATILLA COUNTY, OR  
UNION COUNTY, OR  
WALLOWA COUNTY, OR  
WASCO COUNTY, OR  
WASHINGTON COUNTY, OR  
WEST BATON ROUGE PARISH, LA  
WHEELER COUNTY, OR  
YAMHILL COUNTY, OR  
COUNTY OF BOX ELDER, UT  
COUNTY OF CACHE, UT  
COUNTY OF RICH, UT  
COUNTY OF WEBER, UT  
COUNTY OF MORGAN, UT  
COUNTY OF DAVIS, UT  
COUNTY OF SUMMIT, UT  
COUNTY OF DAGGETT, UT  
COUNTY OF SALT LAKE, UT  
COUNTY OF TOOELE, UT  
COUNTY OF UTAH, UT  
COUNTY OF WASATCH, UT

COUNTY OF DUCHESNE, UT  
COUNTY OF Uintah, UT  
COUNTY OF CARBON, UT  
COUNTY OF SANPETE, UT  
COUNTY OF JUAB, UT  
COUNTY OF MILLARD, UT  
COUNTY OF SEVIER, UT  
COUNTY OF EMERY, UT  
COUNTY OF GRAND, UT  
COUNTY OF BEVER, UT  
COUNTY OF PIUTE, UT  
COUNTY OF WAYNE, UT  
COUNTY OF SAN JUAN, UT  
COUNTY OF GARFIELD, UT  
COUNTY OF KANE, UT  
COUNTY OF IRON, UT  
COUNTY OF WASHINGTON, UT

**OTHER AGENCIES INCLUDING ASSOCIATIONS,  
BOARDS, DISTRICTS, COMMISSIONS, COUNCILS,  
PUBLIC CORPORATIONS, PUBLIC DEVELOPMENT  
AUTHORITIES, RESERVATIONS AND UTILITIES  
INCLUDING BUT NOT LIMITED TO:**

ADAIR R.F.P.D., OR  
ADEL WATER IMPROVEMENT DISTRICT, OR  
ADRIAN R.F.P.D., OR  
AGNESS COMMUNITY LIBRARY, OR  
AGNESS-ILLAHE R.F.P.D., OR  
AGRICULTURE EDUCATION SERVICE EXTENSION  
DISTRICT, OR  
ALDER CREEK-BARLOW WATER DISTRICT NO. 29,  
OR  
ALFALFA FIRE DISTRICT, OR  
ALSEA R.F.P.D., OR  
ALSEA RIVIERA WATER IMPROVEMENT DISTRICT,  
OR  
AMITY FIRE DISTRICT, OR  
ANTELOPE MEADOWS SPECIAL ROAD DISTRICT, OR  
APPLE ROGUE DISTRICT IMPROVEMENT COMPANY,  
OR  
APPEGATE VALLEY R.F.P.D. #9, OR  
ARCH CAPE DOMESTIC WATER SUPPLY DISTRICT,  
OR  
ARCH CAPE SANITARY DISTRICT, OR  
ARNOLD IRRIGATION DISTRICT, OR  
ASH CREEK WATER CONTROL DISTRICT, OR  
ATHENA CEMETERY MAINTENANCE DISTRICT, OR  
AUMSVILLE R.F.P.D., OR  
AURORA R.F.P.D., OR  
AZALEA R.F.P.D., OR  
BADGER IMPROVEMENT DISTRICT, OR  
BAILEY-SPENCER R.F.P.D., OR  
BAKER COUNTY LIBRARY DISTRICT, OR  
BAKER R.F.P.D., OR  
BAKER RIVERTON ROAD DISTRICT, OR  
BAKER VALLEY IRRIGATION DISTRICT, OR  
BAKER VALLEY S.W.C.D., OR  
BAKER VALLEY VECTOR CONTROL DISTRICT, OR  
BANDON CRANBERRY WATER CONTROL DISTRICT,  
OR  
BANDON R.F.P.D., OR  
BANKS FIRE DISTRICT, OR  
BANKS FIRE DISTRICT #13, OR  
BAR L RANCH ROAD DISTRICT, OR  
BARLOW WATER IMPROVEMENT DISTRICT, OR  
BASIN AMBULANCE SERVICE DISTRICT, OR  
BASIN TRANSIT SERVICE TRANSPORTATION  
DISTRICT, OR  
BATON ROUGE WATER COMPANY

BAY AREA HEALTH DISTRICT, OR  
BAYSHORE SPECIAL ROAD DISTRICT, OR  
BEAR VALLEY SPECIAL ROAD DISTRICT, OR  
BEAVER CREEK WATER CONTROL DISTRICT, OR  
BEAVER DRAINAGE IMPROVEMENT COMPANY,  
INC., OR  
BEAVER SLOUGH DRAINAGE DISTRICT, OR  
BEAVER SPECIAL ROAD DISTRICT, OR  
BEAVER WATER DISTRICT, OR  
BELLE MER S.I.G.L. TRACTS SPECIAL ROAD  
DISTRICT, OR  
BEND METRO PARK AND RECREATION DISTRICT  
BENTON S.W.C.D., OR  
BERNDT SUBDIVISION WATER IMPROVEMENT  
DISTRICT, OR  
BEVERLY BEACH WATER DISTRICT, OR  
BIENVILLE PARISH FIRE PROTECTION DISTRICT 6,  
LA  
BIG BEND IRRIGATION DISTRICT, OR  
BIGGS SERVICE DISTRICT, OR  
BLACK BUTTE RANCH DEPARTMENT OF POLICE  
SERVICES, OR  
BLACK BUTTE RANCH R.F.P.D., OR  
BLACK MOUNTAIN WATER DISTRICT, OR  
BLODGETT-SUMMIT R.F.P.D., OR  
BLUE MOUNTAIN HOSPITAL DISTRICT, OR  
BLUE MOUNTAIN TRANSLATOR DISTRICT, OR  
BLUE RIVER PARK & RECREATION DISTRICT, OR  
BLUE RIVER WATER DISTRICT, OR  
BLY R.F.P.D., OR  
BLY VECTOR CONTROL DISTRICT, OR  
BLY WATER AND SANITARY DISTRICT, OR  
BOARDMAN CEMETERY MAINTENANCE DISTRICT,  
OR  
BOARDMAN PARK AND RECREATION DISTRICT  
BOARDMAN R.F.P.D., OR  
BONANZA BIG SPRINGS PARK & RECREATION  
DISTRICT, OR  
BONANZA MEMORIAL PARK CEMETERY DISTRICT,  
OR  
BONANZA R.F.P.D., OR  
BONANZA-LANGELL VALLEY VECTOR CONTROL  
DISTRICT, OR  
BORING WATER DISTRICT #24, OR  
BOULDER CREEK RETREAT SPECIAL ROAD  
DISTRICT, OR  
BRIDGE R.F.P.D., OR  
BROOKS COMMUNITY SERVICE DISTRICT, OR  
BROWNSVILLE R.F.P.D., OR  
BUELL-RED PRAIRIE WATER DISTRICT, OR  
BUNKER HILL R.F.P.D. #1, OR  
BUNKER HILL SANITARY DISTRICT, OR  
BURLINGTON WATER DISTRICT, OR  
BURNT RIVER IRRIGATION DISTRICT, OR  
BURNT RIVER S.W.C.D., OR  
CALAPOOIA R.F.P.D., OR  
CAMAS VALLEY R.F.P.D., OR  
CAMELLIA PARK SANITARY DISTRICT, OR  
CAMMANN ROAD DISTRICT, OR  
CAMP SHERMAN ROAD DISTRICT, OR  
CANBY AREA TRANSIT, OR  
CANBY R.F.P.D. #62, OR  
CANBY UTILITY BOARD, OR  
CANNON BEACH R.F.P.D., OR  
CANYONVILLE SOUTH UMPQUA FIRE DISTRICT, OR  
CAPE FERRELO R.F.P.D., OR  
CAPE FOULWEATHER SANITARY DISTRICT, OR  
CARLSON PRIMROSE SPECIAL ROAD DISTRICT, OR  
CARMEL BEACH WATER DISTRICT, OR

CASCADE VIEW ESTATES TRACT 2, OR  
CEDAR CREST SPECIAL ROAD DISTRICT, OR  
CEDAR TRAILS SPECIAL ROAD DISTRICT, OR  
CEDAR VALLEY - NORTH BANK R.F.P.D., OR  
CENTRAL CASCADES FIRE AND EMS, OR  
CENTRAL CITY ECONOMIC OPPORTUNITY CORP, LA  
CENTRAL LINCOLN P.U.D., OR  
CENTRAL OREGON COAST FIRE & RESCUE  
DISTRICT, OR  
CENTRAL OREGON INTERGOVERNMENTAL  
COUNCIL  
CENTRAL OREGON IRRIGATION DISTRICT, OR  
CHAPARRAL WATER CONTROL DISTRICT, OR  
CHARLESTON FIRE DISTRICT, OR  
CHARLESTON SANITARY DISTRICT, OR  
CHARLOTTE ANN WATER DISTRICT, OR  
CHEHALEM PARK & RECREATION DISTRICT, OR  
CHEHALEM PARK AND RECREATION DISTRICT  
CHEMULT R.F.P.D., OR  
CHENOWITH WATER P.U.D., OR  
CHERRIOTS, OR  
CHETCO COMMUNITY PUBLIC LIBRARY DISTRICT,  
OR  
CHILOQUIN VECTOR CONTROL DISTRICT, OR  
CHILOQUIN-AGENCY LAKE R.F.P.D., OR  
CHINOOK DRIVE SPECIAL ROAD DISTRICT, OR  
CHR DISTRICT IMPROVEMENT COMPANY, OR  
CHRISTMAS VALLEY DOMESTIC WATER DISTRICT,  
OR  
CHRISTMAS VALLEY PARK & RECREATION  
DISTRICT, OR  
CHRISTMAS VALLEY R.F.P.D., OR  
CITY OF BOGALUSA SCHOOL BOARD, LA  
CLACKAMAS COUNTY FIRE DISTRICT #1, OR  
CLACKAMAS COUNTY SERVICE DISTRICT #1, OR  
CLACKAMAS COUNTY VECTOR CONTROL  
DISTRICT, OR  
CLACKAMAS RIVER WATER  
CLACKAMAS RIVER WATER, OR  
CLACKAMAS S.W.C.D., OR  
CLATSKANIE DRAINAGE IMPROVEMENT  
COMPANY, OR  
CLATSKANIE LIBRARY DISTRICT, OR  
CLATSKANIE P.U.D., OR  
CLATSKANIE PARK & RECREATION DISTRICT, OR  
CLATSKANIE PEOPLE'S UTILITY DISTRICT  
CLATSKANIE R.F.P.D., OR  
CLATSOP CARE CENTER HEALTH DISTRICT, OR  
CLATSOP COUNTY S.W.C.D., OR  
CLATSOP DRAINAGE IMPROVEMENT COMPANY #15,  
INC., OR  
CLEAN WATER SERVICES  
CLEAN WATER SERVICES, OR  
CLOVERDALE R.F.P.D., OR  
CLOVERDALE SANITARY DISTRICT, OR  
CLOVERDALE WATER DISTRICT, OR  
COALEDO DRAINAGE DISTRICT, OR  
COBURG FIRE DISTRICT, OR  
COLESTIN RURAL FIRE DISTRICT, OR  
COLTON R.F.P.D., OR  
COLTON WATER DISTRICT #11, OR  
COLUMBIA 911 COMMUNICATIONS DISTRICT, OR  
COLUMBIA COUNTY 4-H & EXTENSION SERVICE  
DISTRICT, OR  
COLUMBIA DRAINAGE VECTOR CONTROL, OR  
COLUMBIA IMPROVEMENT DISTRICT, OR  
COLUMBIA R.F.P.D., OR  
COLUMBIA RIVER FIRE & RESCUE, OR  
COLUMBIA RIVER PUD, OR

COLUMBIA S.W.C.D., OR  
COLUMBIA S.W.C.D., OR  
CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION  
COOS COUNTY AIRPORT DISTRICT, OR  
COOS COUNTY AIRPORT DISTRICT, OR  
COOS COUNTY AREA TRANSIT SERVICE DISTRICT, OR  
COOS COUNTY AREA TRANSIT SERVICE DISTRICT, OR  
COOS FOREST PROTECTIVE ASSOCIATION  
COOS S.W.C.D., OR  
COQUILLE R.F.P.D., OR  
COQUILLE VALLEY HOSPITAL DISTRICT, OR  
CORBETT WATER DISTRICT, OR  
CORNELIUS R.F.P.D., OR  
CORP RANCH ROAD WATER IMPROVEMENT, OR  
CORVALLIS R.F.P.D., OR  
COUNTRY CLUB ESTATES SPECIAL WATER DISTRICT, OR  
COUNTRY CLUB WATER DISTRICT, OR  
COUNTRY ESTATES ROAD DISTRICT, OR  
COVE CEMETERY MAINTENANCE DISTRICT, OR  
COVE ORCHARD SEWER SERVICE DISTRICT, OR  
COVE R.F.P.D., OR  
CRESCENT R.F.P.D., OR  
CRESCENT SANITARY DISTRICT, OR  
CRESCENT WATER SUPPLY AND IMPROVEMENT DISTRICT, OR  
CROOK COUNTY AGRICULTURE EXTENSION SERVICE DISTRICT, OR  
CROOK COUNTY CEMETERY DISTRICT, OR  
CROOK COUNTY FIRE AND RESCUE, OR  
CROOK COUNTY PARKS & RECREATION DISTRICT, OR  
CROOK COUNTY S.W.C.D., OR  
CROOK COUNTY VECTOR CONTROL DISTRICT, OR  
CROOKED RIVER RANCH R.F.P.D., OR  
CROOKED RIVER RANCH SPECIAL ROAD DISTRICT, OR  
CRYSTAL SPRINGS WATER DISTRICT, OR  
CURRY COUNTY 4-H & EXTENSION SERVICE DISTRICT, OR  
CURRY COUNTY PUBLIC TRANSIT SERVICE DISTRICT, OR  
CURRY COUNTY S.W.C.D., OR  
CURRY HEALTH DISTRICT, OR  
CURRY PUBLIC LIBRARY DISTRICT, OR  
DALLAS CEMETERY DISTRICT #4, OR  
DARLEY DRIVE SPECIAL ROAD DISTRICT, OR  
DAVID CROCKETT STEAM FIRE COMPANY #1, LA DAYS CREEK R.F.P.D., OR  
DAYTON FIRE DISTRICT, OR  
DEAN MINARD WATER DISTRICT, OR  
DEE IRRIGATION DISTRICT, OR  
DEER ISLAND DRAINAGE IMPROVEMENT COMPANY, OR  
DELL BROGAN CEMETERY MAINTENANCE DISTRICT, OR  
DEPOE BAY R.F.P.D., OR  
DESCHUTES COUNTY 911 SERVICE DISTRICT, OR  
DESCHUTES COUNTY R.F.P.D. #2, OR  
DESCHUTES PUBLIC LIBRARY DISTRICT, OR  
DESCHUTES S.W.C.D., OR  
DESCHUTES VALLEY WATER DISTRICT, OR  
DEVILS LAKE WATER IMPROVEMENT DISTRICT, OR  
DEXTER R.F.P.D., OR  
DEXTER SANITARY DISTRICT, OR  
DORA-SITKUM R.F.P.D., OR

DOUGLAS COUNTY FIRE DISTRICT #2, OR  
DOUGLAS S.W.C.D., OR  
DRAKES CROSSING R.F.P.D., OR  
DRRH SPECIAL ROAD DISTRICT #6, OR  
DRY GULCH DITCH DISTRICT IMPROVEMENT COMPANY, OR  
DUFUR RECREATION DISTRICT, OR  
DUMBECK LANE DOMESTIC WATER SUPPLY, OR  
DUNDEE R.F.P.D., OR  
DURKEE COMMUNITY BUILDING PRESERVATION DISTRICT, OR  
EAGLE POINT IRRIGATION DISTRICT, OR  
EAGLE VALLEY CEMETERY MAINTENANCE DISTRICT, OR  
EAGLE VALLEY R.F.P.D., OR  
EAGLE VALLEY S.W.C.D., OR  
EAST FORK IRRIGATION DISTRICT, OR  
EAST MULTNOMAH S.W.C.D., OR  
EAST SALEM SERVICE DISTRICT, OR  
EAST UMATILLA CHEMICAL CONTROL DISTRICT, OR  
EAST UMATILLA COUNTY AMBULANCE AREA HEALTH DISTRICT, OR  
EAST UMATILLA COUNTY R.F.P.D., OR  
EAST VALLEY WATER DISTRICT, OR  
ELGIN COMMUNITY PARKS & RECREATION DISTRICT, OR  
ELGIN HEALTH DISTRICT, OR  
ELGIN R.F.P.D., OR  
ELKTON ESTATES PHASE II SPECIAL ROAD DISTRICT, OR  
ELKTON R.F.P.D., OR  
EMERALD P.U.D., OR  
ENTERPRISE IRRIGATION DISTRICT, OR  
ESTACADA CEMETERY MAINTENANCE DISTRICT, OR  
ESTACADA R.F.P.D. #69, OR  
EUGENE R.F.P.D. # 1, OR  
EUGENE WATER AND ELECTRIC BOARD  
EVANS VALLEY FIRE DISTRICT #6, OR  
FAIR OAKS R.F.P.D., OR  
FAIRVIEW R.F.P.D., OR  
FAIRVIEW WATER DISTRICT, OR  
FALCON HEIGHTS WATER AND SEWER, OR  
FALCON-COVE BEACH WATER DISTRICT, OR  
FALL RIVER ESTATES SPECIAL ROAD DISTRICT, OR  
FARGO INTERCHANGE SERVICE DISTRICT, OR  
FARMERS IRRIGATION DISTRICT, OR  
FAT ELK DRAINAGE DISTRICT, OR  
FERN RIDGE PUBLIC LIBRARY DISTRICT, OR  
FERN VALLEY ESTATES IMPROVEMENT DISTRICT, OR  
FOR FAR ROAD DISTRICT, OR  
FOREST GROVE R.F.P.D., OR  
FOREST VIEW SPECIAL ROAD DISTRICT, OR  
FORT ROCK-SILVER LAKE S.W.C.D., OR  
FOUR RIVERS VECTOR CONTROL DISTRICT, OR  
FOX CEMETERY MAINTENANCE DISTRICT, OR  
GARDINER R.F.P.D., OR  
GARDINER SANITARY DISTRICT, OR  
GARIBALDI R.F.P.D., OR  
GASTON R.F.P.D., OR  
GATES R.F.P.D., OR  
GEARHART R.F.P.D., OR  
GILLIAM S.W.C.D., OR  
GLENDALE AMBULANCE DISTRICT, OR  
GLENDALE R.F.P.D., OR  
GLENEDEN BEACH SPECIAL ROAD DISTRICT, OR  
GLENEDEN SANITARY DISTRICT, OR

GLENWOOD WATER DISTRICT, OR  
GLIDE - IDLEYLD SANITARY DISTRICT, OR  
GLIDE R.F.P.D., OR  
GOLD BEACH - WEDDERBURN R.F.P.D., OR  
GOLD HILL IRRIGATION DISTRICT, OR  
GOLDFINCH ROAD DISTRICT, OR  
GOSHEN R.F.P.D., OR  
GOVERNMENT CAMP ROAD DISTRICT, OR  
GOVERNMENT CAMP SANITARY DISTRICT, OR  
GRAND PRAIRIE WATER CONTROL DISTRICT, OR  
GRAND RONDE SANITARY DISTRICT, OR  
GRANT COUNTY TRANSPORTATION DISTRICT, OR  
GRANT S.W.C.D., OR  
GRANTS PASS IRRIGATION DISTRICT, OR  
GREATER BOWEN VALLEY R.F.P.D., OR  
GREATER ST. HELENS PARK & RECREATION DISTRICT, OR  
GREATER TOLEDO POOL RECREATION DISTRICT, OR  
GREEN KNOLLS SPECIAL ROAD DISTRICT, OR  
GREEN SANITARY DISTRICT, OR  
GREENACRES R.F.P.D., OR  
GREENBERRY IRRIGATION DISTRICT, OR  
GREENSPRINGS RURAL FIRE DISTRICT, OR  
HAHLEN ROAD SPECIAL DISTRICT, OR  
HAINES CEMETERY MAINTENANCE DISTRICT, OR  
HAINES FIRE PROTECTION DISTRICT, OR  
HALSEY-SHEDD R.F.P.D., OR  
HAMLET R.F.P.D., OR  
HARBOR R.F.P.D., OR  
HARBOR SANITARY DISTRICT, OR  
HARBOR WATER P.U.D., OR  
HARNEY COUNTY HEALTH DISTRICT, OR  
HARNEY S.W.C.D., OR  
HARPER SOUTH SIDE IRRIGATION DISTRICT, OR  
HARRISBURG FIRE AND RESCUE, OR  
HAUSER R.F.P.D., OR  
HAZELDELL RURAL FIRE DISTRICT, OR  
HEBO JOINT WATER-SANITARY AUTHORITY, OR  
HECETA WATER P.U.D., OR  
HELIX CEMETERY MAINTENANCE DISTRICT #4, OR  
HELIX PARK & RECREATION DISTRICT, OR  
HELIX R.F.P.D. #7-411, OR  
HEPPNER CEMETERY MAINTENANCE DISTRICT, OR  
HEPPNER R.F.P.D., OR  
HEPPNER WATER CONTROL DISTRICT, OR  
HEREFORD COMMUNITY HALL RECREATION DISTRICT, OR  
HERMISTON CEMETERY DISTRICT, OR  
HERMISTON IRRIGATION DISTRICT, OR  
HIDDEN VALLEY MOBILE ESTATES IMPROVEMENT DISTRICT, OR  
HIGH DESERT PARK & RECREATION DISTRICT, OR  
HIGHLAND SUBDIVISION WATER DISTRICT, OR  
HONOLULU INTERNATIONAL AIRPORT  
HOOD RIVER COUNTY LIBRARY DISTRICT, OR  
HOOD RIVER COUNTY TRANSPORTATION DISTRICT, OR  
HOOD RIVER S.W.C.D., OR  
HOOD RIVER VALLEY PARKS & RECREATION DISTRICT, OR  
HOODLAND FIRE DISTRICT #74  
HOODLAND FIRE DISTRICT #74, OR  
HORSEFLY IRRIGATION DISTRICT, OR  
HOSKINS-KINGS VALLEY R.F.P.D., OR  
HOUSING AUTHORITY OF PORTLAND  
HUBBARD R.F.P.D., OR  
HUDSON BAY DISTRICT IMPROVEMENT COMPANY, OR

I N (KAY) YOUNG DITCH DISTRICT IMPROVEMENT COMPANY, OR  
ICE FOUNTAIN WATER DISTRICT, OR  
IDAHO POINT SPECIAL ROAD DISTRICT, OR  
IDANHA-DETROIT RURAL FIRE PROTECTION DISTRICT, OR  
ILLINOIS VALLEY FIRE DISTRICT  
ILLINOIS VALLEY R.F.P.D., OR  
ILLINOIS VALLEY S.W.C.D., OR  
IMBLER R.F.P.D., OR  
INTERLACHEN WATER P.U.D., OR  
IONE LIBRARY DISTRICT, OR  
IONE R.F.P.D. #6-604, OR  
IRONSIDE CEMETERY MAINTENANCE DISTRICT, OR  
IRONSIDE RURAL ROAD DISTRICT #5, OR  
IRRIGON PARK & RECREATION DISTRICT, OR  
IRRIGON R.F.P.D., OR  
ISLAND CITY AREA SANITATION DISTRICT, OR  
ISLAND CITY CEMETERY MAINTENANCE DISTRICT, OR  
JACK PINE VILLAGE SPECIAL ROAD DISTRICT, OR  
JACKSON COUNTY FIRE DISTRICT #3, OR  
JACKSON COUNTY FIRE DISTRICT #4, OR  
JACKSON COUNTY FIRE DISTRICT #5, OR  
JACKSON COUNTY LIBRARY DISTRICT, OR  
JACKSON COUNTY VECTOR CONTROL DISTRICT, OR  
JACKSON S.W.C.D., OR  
JASPER KNOLLS WATER DISTRICT, OR  
JEFFERSON COUNTY EMERGENCY MEDICAL SERVICE DISTRICT, OR  
JEFFERSON COUNTY FIRE DISTRICT #1, OR  
JEFFERSON COUNTY LIBRARY DISTRICT, OR  
JEFFERSON COUNTY S.W.C.D., OR  
JEFFERSON PARK & RECREATION DISTRICT, OR  
JEFFERSON R.F.P.D., OR  
JOB'S DRAINAGE DISTRICT, OR  
JOHN DAY WATER DISTRICT, OR  
JOHN DAY-CANYON CITY PARKS & RECREATION DISTRICT, OR  
JOHN DAY-FERNHILL R.F.P.D. #5-108, OR  
JORDAN VALLEY CEMETERY DISTRICT, OR  
JORDAN VALLEY IRRIGATION DISTRICT, OR  
JOSEPHINE COMMUNITY LIBRARY DISTRICT, OR  
JOSEPHINE COUNTY 4-H & EXTENSION SERVICE DISTRICT, OR  
JOSEPHINE COUNTY 911 AGENCY, OR  
JUNCTION CITY R.F.P.D., OR  
JUNCTION CITY WATER CONTROL DISTRICT, OR  
JUNIPER BUTTE ROAD DISTRICT, OR  
JUNIPER CANYON WATER CONTROL DISTRICT, OR  
JUNIPER FLAT DISTRICT IMPROVEMENT COMPANY, OR  
JUNIPER FLAT R.F.P.D., OR  
JUNO NONPROFIT WATER IMPROVEMENT DISTRICT, OR  
KEATING R.F.P.D., OR  
KEATING S.W.C.D., OR  
KEIZER R.F.P.D., OR  
KELLOGG RURAL FIRE DISTRICT, OR  
KENO IRRIGATION DISTRICT, OR  
KENO PINES ROAD DISTRICT, OR  
KENO R.F.P.D., OR  
KENT WATER DISTRICT, OR  
KERBY WATER DISTRICT, OR  
K-GB-LB WATER DISTRICT, OR  
KILCHIS WATER DISTRICT, OR  
KLAMATH 9-1-1 COMMUNICATIONS DISTRICT, OR  
KLAMATH BASIN IMPROVEMENT DISTRICT, OR

KLAMATH COUNTY DRAINAGE SERVICE DISTRICT, OR  
KLAMATH COUNTY EXTENSION SERVICE DISTRICT, OR  
KLAMATH COUNTY FIRE DISTRICT #1, OR  
KLAMATH COUNTY FIRE DISTRICT #3, OR  
KLAMATH COUNTY FIRE DISTRICT #4, OR  
KLAMATH COUNTY FIRE DISTRICT #5, OR  
KLAMATH COUNTY LIBRARY SERVICE DISTRICT, OR  
KLAMATH COUNTY PREDATORY ANIMAL CONTROL DISTRICT, OR  
KLAMATH DRAINAGE DISTRICT, OR  
KLAMATH FALLS FOREST ESTATES SPECIAL ROAD DISTRICT UNIT #2, OR  
KLAMATH INTEROPERABILITY RADIO GROUP, OR  
KLAMATH IRRIGATION DISTRICT, OR  
KLAMATH RIVER ACRES SPECIAL ROAD DISTRICT, OR  
KLAMATH S.W.C.D., OR  
KLAMATH VECTOR CONTROL DISTRICT, OR  
KNAPPA-SVENSEN-BURNSIDE R.F.P.D., OR  
LA GRANDE CEMETERY MAINTENANCE DISTRICT, OR  
LA GRANDE R.F.P.D., OR  
LA PINE PARK & RECREATION DISTRICT, OR  
LA PINE R.F.P.D., OR  
LABISH VILLAGE SEWAGE & DRAINAGE, OR  
LACOMB IRRIGATION DISTRICT, OR  
LAFAYETTE AIRPORT COMMISSION, LA  
LAFORCHE PARISH HEALTH UNIT – DHH-OPH REGION 3  
LAIDLAW WATER DISTRICT, OR  
LAKE CHINOOK FIRE & RESCUE, OR  
LAKE COUNTY 4-H & EXTENSION SERVICE DISTRICT, OR  
LAKE COUNTY LIBRARY DISTRICT, OR  
LAKE CREEK R.F.P.D. - JACKSON, OR  
LAKE CREEK R.F.P.D. - LANE COUNTY, OR  
LAKE DISTRICT HOSPITAL, OR  
LAKE GROVE R.F.P.D. NO. 57, OR  
LAKE GROVE WATER DISTRICT, OR  
LAKE LABISH WATER CONTROL DISTRICT, OR  
LAKE POINT SPECIAL ROAD DISTRICT, OR  
LAKESIDE R.F.P.D. #4, OR  
LAKESIDE WATER DISTRICT, OR  
LAKEVIEW R.F.P.D., OR  
LAKEVIEW S.W.C.D., OR  
LAMONTAI IMPROVEMENT DISTRICT, OR  
LANE FIRE AUTHORITY, OR  
LANE LIBRARY DISTRICT, OR  
LANE TRANSIT DISTRICT, OR  
LANGELL VALLEY IRRIGATION DISTRICT, OR  
LANGLOIS PUBLIC LIBRARY, OR  
LANGLOIS R.F.P.D., OR  
LANGLOIS WATER DISTRICT, OR  
LAZY RIVER SPECIAL ROAD DISTRICT, OR  
LEBANON AQUATIC DISTRICT, OR  
LEBANON R.F.P.D., OR  
LEWIS & CLARK R.F.P.D., OR  
LINCOLN COUNTY LIBRARY DISTRICT, OR  
LINCOLN S.W.C.D., OR  
LINN COUNTY EMERGENCY TELEPHONE AGENCY, OR  
LINN S.W.C.D., OR  
LITTLE MUDDY CREEK WATER CONTROL, OR  
LITTLE NESTUCCA DRAINAGE DISTRICT, OR  
LITTLE SWITZERLAND SPECIAL ROAD DISTRICT, OR  
LONE PINE IRRIGATION DISTRICT, OR

LONG PRAIRIE WATER DISTRICT, OR  
LOOKINGGLASS OLALLA WATER CONTROL DISTRICT, OR  
LOOKINGGLASS RURAL FIRE DISTRICT, OR  
LORANE R.F.P.D., OR  
LOST & BOULDER DITCH IMPROVEMENT DISTRICT, OR  
LOST CREEK PARK SPECIAL ROAD DISTRICT, OR  
LOUISIANA PUBLIC SERVICE COMMISSION, LA  
LOUISIANA WATER WORKS  
LOWELL R.F.P.D., OR  
LOWER MCKAY CREEK R.F.P.D., OR  
LOWER MCKAY CREEK WATER CONTROL DISTRICT, OR  
LOWER POWDER RIVER IRRIGATION DISTRICT, OR  
LOWER SILETZ WATER DISTRICT, OR  
LOWER UMPQUA HOSPITAL DISTRICT, OR  
LOWER UMPQUA PARK & RECREATION DISTRICT, OR  
LOWER VALLEY WATER IMPROVEMENT DISTRICT, OR  
LUCE LONG DITCH DISTRICT IMPROVEMENT CO., OR  
LUSTED WATER DISTRICT, OR  
LYONS R.F.P.D., OR  
LYONS-MEHAMA WATER DISTRICT, OR  
MADRAS AQUATIC CENTER DISTRICT, OR  
MAKAI SPECIAL ROAD DISTRICT, OR  
MALHEUR COUNTY S.W.C.D., OR  
MALHEUR COUNTY VECTOR CONTROL DISTRICT, OR  
MALHEUR DISTRICT IMPROVEMENT COMPANY, OR  
MALHEUR DRAINAGE DISTRICT, OR  
MALHEUR MEMORIAL HEALTH DISTRICT, OR  
MALIN COMMUNITY CEMETERY MAINTENANCE DISTRICT, OR  
MALIN COMMUNITY PARK & RECREATION DISTRICT, OR  
MALIN IRRIGATION DISTRICT, OR  
MALIN R.F.P.D., OR  
MAPLETON FIRE DEPARTMENT, OR  
MAPLETON WATER DISTRICT, OR  
MARCOLA WATER DISTRICT, OR  
MARION COUNTY EXTENSION & 4H SERVICE DISTRICT, OR  
MARION COUNTY FIRE DISTRICT #1, OR  
MARION JACK IMPROVEMENT DISTRICT, OR  
MARION S.W.C.D., OR  
MARY'S RIVER ESTATES ROAD DISTRICT, OR  
MCDONALD FOREST ESTATES SPECIAL ROAD DISTRICT, OR  
MCKAY ACRES IMPROVEMENT DISTRICT, OR  
MCKAY DAM R.F.P.D. # 7-410, OR  
MCKENZIE FIRE & RESCUE, OR  
MCKENZIE PALISADES WATER SUPPLY CORPORATION, OR  
MCMINNVILLE R.F.P.D., OR  
MCNULTY WATER P.U.D., OR  
MEADOWS DRAINAGE DISTRICT, OR  
MEDFORD IRRIGATION DISTRICT, OR  
MEDFORD R.F.P.D. #2, OR  
MEDFORD WATER COMMISSION  
MEDICAL SPRINGS R.F.P.D., OR  
MELHEUR COUNTY JAIL, OR  
MERLIN COMMUNITY PARK DISTRICT, OR  
MERRILL CEMETERY MAINTENANCE DISTRICT, OR  
MERRILL PARK DISTRICT, OR  
MERRILL R.F.P.D., OR  
METRO REGIONAL GOVERNMENT

METRO REGIONAL PARKS  
METROPOLITAN EXPOSITION RECREATION  
COMMISSION  
METROPOLITAN SERVICE DISTRICT (METRO)  
MID COUNTY CEMETERY MAINTENANCE DISTRICT,  
OR  
MID-COLUMBIA FIRE AND RESCUE, OR  
MIDDLE FORK IRRIGATION DISTRICT, OR  
MIDLAND COMMUNITY PARK, OR  
MIDLAND DRAINAGE IMPROVEMENT DISTRICT, OR  
MILES CROSSING SANITARY SEWER DISTRICT, OR  
MILL CITY R.F.P.D. #2-303, OR  
MILL FOUR DRAINAGE DISTRICT, OR  
MILLICOMA RIVER PARK & RECREATION DISTRICT,  
OR  
MILLINGTON R.F.P.D. #5, OR  
MILO VOLUNTEER FIRE DEPARTMENT, OR  
MILTON-FREEWATER AMBULANCE SERVICE AREA  
HEALTH DISTRICT, OR  
MILTON-FREEWATER WATER CONTROL DISTRICT,  
OR  
MIROCO SPECIAL ROAD DISTRICT, OR  
MIST-BIRKENFELD R.F.P.D., OR  
MODOC POINT IRRIGATION DISTRICT, OR  
MODOC POINT SANITARY DISTRICT, OR  
MOHAWK VALLEY R.F.P.D., OR  
MOLALLA AQUATIC DISTRICT, OR  
MOLALLA R.F.P.D. #73, OR  
MONITOR R.F.P.D., OR  
MONROE R.F.P.D., OR  
MONUMENT CEMETERY MAINTENANCE DISTRICT,  
OR  
MONUMENT S.W.C.D., OR  
MOOREA DRIVE SPECIAL ROAD DISTRICT, OR  
MORO R.F.P.D., OR  
MORROW COUNTY HEALTH DISTRICT, OR  
MORROW COUNTY UNIFIED RECREATION  
DISTRICT, OR  
MORROW S.W.C.D., OR  
MOSIER FIRE DISTRICT, OR  
MOUNTAIN DRIVE SPECIAL ROAD DISTRICT, OR  
MT. ANGEL R.F.P.D., OR  
MT. HOOD IRRIGATION DISTRICT, OR  
MT. LAKI CEMETERY DISTRICT, OR  
MT. VERNON R.F.P.D., OR  
MULINO WATER DISTRICT #1, OR  
MULTNOMAH COUNTY DRAINAGE DISTRICT #1, OR  
MULTNOMAH COUNTY R.F.P.D. #10, OR  
MULTNOMAH COUNTY R.F.P.D. #14, OR  
MULTNOMAH EDUCATION SERVICE DISTRICT  
MYRTLE CREEK R.F.P.D., OR  
NEAH-KAH-NIE WATER DISTRICT, OR  
NEDONNA R.F.P.D., OR  
NEHALEM BAY FIRE AND RESCUE, OR  
NEHALEM BAY HEALTH DISTRICT, OR  
NEHALEM BAY WASTEWATER AGENCY, OR  
NESIKA BEACH-OPHIR WATER DISTRICT, OR  
NESKOWIN REGIONAL SANITARY AUTHORITY, OR  
NESKOWIN REGIONAL WATER DISTRICT, OR  
NESTUCCA R.F.P.D., OR  
NETARTS WATER DISTRICT, OR  
NETARTS-OCEANSIDE R.F.P.D., OR  
NETARTS-OCEANSIDE SANITARY DISTRICT, OR  
NEW BRIDGE WATER SUPPLY DISTRICT, OR  
NEW CARLTON FIRE DISTRICT, OR  
NEW ORLEANS REDEVELOPMENT AUTHORITY, LA  
NEW PINE CREEK R.F.P.D., OR  
NEWBERG R.F.P.D., OR  
NEWBERRY ESTATES SPECIAL ROAD DISTRICT, OR

NEWPORT R.F.P.D., OR  
NEWT YOUNG DITCH DISTRICT IMPROVEMENT  
COMPANY, OR  
NORTH ALBANY R.F.P.D., OR  
NORTH BAY R.F.P.D. #9, OR  
NORTH CLACKAMAS PARKS & RECREATION  
DISTRICT, OR  
NORTH COUNTY RECREATION DISTRICT, OR  
NORTH DOUGLAS COUNTY FIRE & EMS, OR  
NORTH DOUGLAS PARK & RECREATION DISTRICT,  
OR  
NORTH GILLIAM COUNTY HEALTH DISTRICT, OR  
NORTH GILLIAM COUNTY R.F.P.D., OR  
NORTH LAKE HEALTH DISTRICT, OR  
NORTH LEBANON WATER CONTROL DISTRICT, OR  
NORTH LINCOLN FIRE & RESCUE DISTRICT #1, OR  
NORTH LINCOLN HEALTH DISTRICT, OR  
NORTH MORROW VECTOR CONTROL DISTRICT, OR  
NORTH SHERMAN COUNTY R.F.P.D. OR  
NORTH UNIT IRRIGATION DISTRICT, OR  
NORTHEAST OREGON HOUSING AUTHORITY, OR  
NORTHEAST WHEELER COUNTY HEALTH DISTRICT,  
OR  
NORTHERN WASCO COUNTY P.U.D., OR  
NORTHERN WASCO COUNTY PARK & RECREATION  
DISTRICT, OR  
NYE DITCH USERS DISTRICT IMPROVEMENT, OR  
NYSSA ROAD ASSESSMENT DISTRICT #2, OR  
NYSSA RURAL FIRE DISTRICT, OR  
NYSSA-ARCADIA DRAINAGE DISTRICT, OR  
OAK LODGE WATER SERVICES, OR  
OAKLAND R.F.P.D., OR  
OAKVILLE COMMUNITY CENTER, OR  
OCEANSIDE WATER DISTRICT, OR  
OCHOCO IRRIGATION DISTRICT, OR  
OCHOCO WEST WATER AND SANITARY  
AUTHORITY, OR  
ODELL SANITARY DISTRICT, OR  
OLD OWYHEE DITCH IMPROVEMENT DISTRICT, OR  
OLNEY-WALLUSKI FIRE & RESCUE DISTRICT, OR  
ONTARIO LIBRARY DISTRICT, OR  
ONTARIO R.F.P.D., OR  
OPHIR R.F.P.D., OR  
OREGON COAST COMMUNITY ACTION  
OREGON HOUSING AND COMMUNITY SERVICES  
OREGON INTERNATIONAL PORT OF COOS BAY, OR  
OREGON LEGISLATIVE ADMINISTRATION  
OREGON OUTBACK R.F.P.D., OR  
OREGON POINT, OR  
OREGON TRAIL LIBRARY DISTRICT, OR  
OTTER ROCK WATER DISTRICT, OR  
OWW UNIT #2 SANITARY DISTRICT, OR  
OWYHEE CEMETERY MAINTENANCE DISTRICT, OR  
OWYHEE IRRIGATION DISTRICT, OR  
PACIFIC CITY JOINT WATER-SANITARY  
AUTHORITY, OR  
PACIFIC COMMUNITIES HEALTH DISTRICT, OR  
PACIFIC RIVIERA #3 SPECIAL ROAD DISTRICT, OR  
PALATINE HILL WATER DISTRICT, OR  
PALMER CREEK WATER DISTRICT IMPROVEMENT  
COMPANY, OR  
PANORAMIC ACCESS SPECIAL ROAD DISTRICT, OR  
PANTHER CREEK ROAD DISTRICT, OR  
PANTHER CREEK WATER DISTRICT, OR  
PARKDALE R.F.P.D., OR  
PARKDALE SANITARY DISTRICT, OR  
PENINSULA DRAINAGE DISTRICT #1, OR  
PENINSULA DRAINAGE DISTRICT #2, OR  
PHILOMATH FIRE AND RESCUE, OR

PILOT ROCK CEMETERY MAINTENANCE DISTRICT #5, OR  
PILOT ROCK PARK & RECREATION DISTRICT, OR  
PILOT ROCK R.F.P.D., OR  
PINE EAGLE HEALTH DISTRICT, OR  
PINE FLAT DISTRICT IMPROVEMENT COMPANY, OR  
PINE GROVE IRRIGATION DISTRICT, OR  
PINE GROVE WATER DISTRICT-KLAMATH FALLS, OR  
PINE GROVE WATER DISTRICT-MAUPIN, OR  
PINE VALLEY CEMETERY DISTRICT, OR  
PINE VALLEY R.F.P.D., OR  
PINWOOD COUNTRY ESTATES SPECIAL ROAD DISTRICT, OR  
PIONEER DISTRICT IMPROVEMENT COMPANY, OR  
PISTOL RIVER CEMETERY MAINTENANCE DISTRICT, OR  
PISTOL RIVER FIRE DISTRICT, OR  
PLEASANT HILL R.F.P.D., OR  
PLEASANT HOME WATER DISTRICT, OR  
POCAHONTAS MINING AND IRRIGATION DISTRICT, OR  
POE VALLEY IMPROVEMENT DISTRICT, OR  
POE VALLEY PARK & RECREATION DISTRICT, OR  
POE VALLEY VECTOR CONTROL DISTRICT, OR  
POLK COUNTY FIRE DISTRICT #1, OR  
POLK S.W.C.D., OR  
POMPADOUR WATER IMPROVEMENT DISTRICT, OR  
PONDEROSA PINES EAST SPECIAL ROAD DISTRICT, OR  
PORT OF ALSEA, OR  
PORT OF ARLINGTON, OR  
PORT OF ASTORIA, OR  
PORT OF BANDON, OR  
PORT OF BRANDON, OR  
PORT OF BROOKINGS HARBOR, OR  
PORT OF CASCADE LOCKS, OR  
PORT OF COQUILLE RIVER, OR  
PORT OF GARIBALDI, OR  
PORT OF GOLD BEACH, OR  
PORT OF HOOD RIVER, OR  
PORT OF MORGAN CITY, LA  
PORT OF MORROW, OR  
PORT OF NEHALEM, OR  
PORT OF NEWPORT, OR  
PORT OF PORT ORFORD, OR  
PORT OF PORTLAND, OR  
PORT OF SIUSLAW, OR  
PORT OF ST. HELENS, OR  
PORT OF THE DALLEs, OR  
PORT OF TILLAMOOK BAY, OR  
PORT OF TOLEDO, OR  
PORT OF UMATILLA, OR  
PORT OF UMPQUA, OR  
PORT ORFORD CEMETERY MAINTENANCE DISTRICT, OR  
PORT ORFORD PUBLIC LIBRARY DISTRICT, OR  
PORT ORFORD R.F.P.D., OR  
PORTLAND DEVELOPMENT COMMISSION, OR  
PORTLAND FIRE AND RESCUE  
PORTLAND HOUSING CENTER, OR  
POWDER R.F.P.D., OR  
POWDER RIVER R.F.P.D., OR  
POWDER VALLEY WATER CONTROL DISTRICT, OR  
POWERS HEALTH DISTRICT, OR  
PRAIRIE CEMETERY MAINTENANCE DISTRICT, OR  
PRINEVILLE LAKE ACRES SPECIAL ROAD DISTRICT #1, OR  
PROSPECT R.F.P.D., OR

QUAIL VALLEY PARK IMPROVEMENT DISTRICT, OR  
QUEENER IRRIGATION IMPROVEMENT DISTRICT, OR  
RAINBOW WATER DISTRICT, OR  
RAINIER CEMETERY DISTRICT, OR  
RAINIER DRAINAGE IMPROVEMENT COMPANY, OR  
RALEIGH WATER DISTRICT, OR  
REDMOND AREA PARK & RECREATION DISTRICT, OR  
REDMOND FIRE AND RESCUE, OR  
RIDDLE FIRE PROTECTION DISTRICT, OR  
RIDGEWOOD DISTRICT IMPROVEMENT COMPANY, OR  
RIDGEWOOD ROAD DISTRICT, OR  
RIETH SANITARY DISTRICT, OR  
RIETH WATER DISTRICT, OR  
RIMROCK WEST IMPROVEMENT DISTRICT, OR  
RINK CREEK WATER DISTRICT, OR  
RIVER BEND ESTATES SPECIAL ROAD DISTRICT, OR  
RIVER FOREST ACRES SPECIAL ROAD DISTRICT, OR  
RIVER MEADOWS IMPROVEMENT DISTRICT, OR  
RIVER PINES ESTATES SPECIAL ROAD DISTRICT, OR  
RIVER ROAD PARK & RECREATION DISTRICT, OR  
RIVER ROAD WATER DISTRICT, OR  
RIVERBEND RIVERBANK WATER IMPROVEMENT DISTRICT, OR  
RIVERDALE R.F.P.D. 11-JT, OR  
RIVERGROVE WATER DISTRICT, OR  
RIVERSIDE MISSION WATER CONTROL DISTRICT, OR  
RIVERSIDE R.F.P.D. #7-406, OR  
RIVERSIDE WATER DISTRICT, OR  
ROBERTS CREEK WATER DISTRICT, OR  
ROCK CREEK DISTRICT IMPROVEMENT, OR  
ROCK CREEK WATER DISTRICT, OR  
ROCKWOOD WATER P.U.D., OR  
ROCKY POINT FIRE & EMS, OR  
ROGUE RIVER R.F.P.D., OR  
ROGUE RIVER VALLEY IRRIGATION DISTRICT, OR  
ROGUE VALLEY SEWER SERVICES, OR  
ROGUE VALLEY SEWER, OR  
ROGUE VALLEY TRANSPORTATION DISTRICT, OR  
ROSEBURG URBAN SANITARY AUTHORITY, OR  
ROSEWOOD ESTATES ROAD DISTRICT, OR  
ROW RIVER VALLEY WATER DISTRICT, OR  
RURAL ROAD ASSESSMENT DISTRICT #3, OR  
RURAL ROAD ASSESSMENT DISTRICT #4, OR  
SAINT LANDRY PARISH TOURIST COMMISSION  
SAINT MARY PARISH REC DISTRICT 2  
SAINT MARY PARISH REC DISTRICT 3  
SAINT TAMMANY FIRE DISTRICT 4, LA  
SALEM AREA MASS TRANSIT DISTRICT, OR  
SALEM MASS TRANSIT DISTRICT  
SALEM SUBURBAN R.F.P.D., OR  
SALISHAN SANITARY DISTRICT, OR  
SALMON RIVER PARK SPECIAL ROAD DISTRICT, OR  
SALMON RIVER PARK WATER IMPROVEMENT DISTRICT, OR  
SALMONBERRY TRAIL INTERGOVERNMENTAL AGENCY, OR  
SANDPIPER VILLAGE SPECIAL ROAD DISTRICT, OR  
SANDY DRAINAGE IMPROVEMENT COMPANY, OR  
SANDY R.F.P.D. #72, OR  
SANTA CLARA R.F.P.D., OR  
SANTA CLARA WATER DISTRICT, OR  
SANTIAM WATER CONTROL DISTRICT, OR  
SAUVIE ISLAND DRAINAGE IMPROVEMENT COMPANY, OR

SAUVIE ISLAND VOLUNTEER FIRE DISTRICT #30J,  
OR  
SCAPPOOSE DRAINAGE IMPROVEMENT COMPANY,  
OR  
SCAPPOOSE PUBLIC LIBRARY DISTRICT, OR  
SCAPPOOSE R.F.P.D., OR  
SCIO R.F.P.D., OR  
SCOTTSBURG R.F.P.D., OR  
SEAL ROCK R.F.P.D., OR  
SEAL ROCK WATER DISTRICT, OR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS,  
LA  
SHANGRI-LA WATER DISTRICT, OR  
SHASTA VIEW IRRIGATION DISTRICT, OR  
SHELLEY ROAD CREST ACRES WATER DISTRICT,  
OR  
SHERIDAN FIRE DISTRICT, OR  
SHERMAN COUNTY HEALTH DISTRICT, OR  
SHERMAN COUNTY S.W.C.D., OR  
SHORELINE SANITARY DISTRICT, OR  
SILETZ KEYS SANITARY DISTRICT, OR  
SILETZ R.F.P.D., OR  
SILVER FALLS LIBRARY DISTRICT, OR  
SILVER LAKE IRRIGATION DISTRICT, OR  
SILVER LAKE R.F.P.D., OR  
SILVER SANDS SPECIAL ROAD DISTRICT, OR  
SILVERTON R.F.P.D. NO. 2, OR  
SISTERS PARKS & RECREATION DISTRICT, OR  
SISTERS-CAMP SHERMAN R.F.P.D., OR  
SIUSLAW PUBLIC LIBRARY DISTRICT, OR  
SIUSLAW S.W.C.D., OR  
SIUSLAW VALLEY FIRE AND RESCUE, OR  
SIXES R.F.P.D., OR  
SKIPANON WATER CONTROL DISTRICT, OR  
SKYLINE VIEW DISTRICT IMPROVEMENT  
COMPANY, OR  
SLEEPY HOLLOW WATER DISTRICT, OR  
SMITH DITCH DISTRICT IMPROVEMENT COMPANY,  
OR  
SOUTH CLACKAMAS TRANSPORTATION DISTRICT,  
OR  
SOUTH COUNTY HEALTH DISTRICT, OR  
SOUTH FORK WATER BOARD, OR  
SOUTH GILLIAM COUNTY CEMETERY DISTRICT, OR  
SOUTH GILLIAM COUNTY HEALTH DISTRICT, OR  
SOUTH GILLIAM COUNTY R.F.P.D. VI-301, OR  
SOUTH LAFOURCHE LEVEE DISTRICT, LA  
SOUTH LANE COUNTY FIRE & RESCUE, OR  
SOUTH SANTIAM RIVER WATER CONTROL  
DISTRICT, OR  
SOUTH SHERMAN FIRE DISTRICT, OR  
SOUTH SUBURBAN SANITARY DISTRICT, OR  
SOUTH WASCO PARK & RECREATION DISTRICT, OR  
SOUTHERN COOS HEALTH DISTRICT, OR  
SOUTHERN CURRY CEMETERY MAINTENANCE  
DISTRICT, OR  
SOUTHVIEW IMPROVEMENT DISTRICT, OR  
SOUTHWEST LINCOLN COUNTY WATER DISTRICT,  
OR  
SOUTHWESTERN POLK COUNTY R.F.P.D., OR  
SOUTHWOOD PARK WATER DISTRICT, OR  
SPECIAL ROAD DISTRICT #1, OR  
SPECIAL ROAD DISTRICT #8, OR  
SPRING RIVER SPECIAL ROAD DISTRICT, OR  
SPRINGFIELD UTILITY BOARD, OR  
ST. PAUL R.F.P.D., OR  
STANFIELD CEMETERY DISTRICT #6, OR  
STANFIELD IRRIGATION DISTRICT, OR  
STARR CREEK ROAD DISTRICT, OR

STARWOOD SANITARY DISTRICT, OR  
STAYTON FIRE DISTRICT, OR  
SUBLIMITY FIRE DISTRICT, OR  
SUBURBAN EAST SALEM WATER DISTRICT, OR  
SUBURBAN LIGHTING DISTRICT, OR  
SUCCOR CREEK DISTRICT IMPROVEMENT  
COMPANY, OR  
SUMMER LAKE IRRIGATION DISTRICT, OR  
SUMMERVILLE CEMETERY MAINTENANCE  
DISTRICT, OR  
SUMNER R.F.P.D., OR  
SUN MOUNTAIN SPECIAL ROAD DISTRICT, OR  
SUNDOWN SANITATION DISTRICT, OR  
SUNFOREST ESTATES SPECIAL ROAD DISTRICT, OR  
SUNNYSIDE IRRIGATION DISTRICT, OR  
SUNRISE WATER AUTHORITY, OR  
SUNRIVER SERVICE DISTRICT, OR  
SUNSET EMPIRE PARK & RECREATION DISTRICT,  
OR  
SUNSET EMPIRE TRANSPORTATION DISTRICT, OR  
SURFLAND ROAD DISTRICT, OR  
SUTHERLIN VALLEY RECREATION DISTRICT, OR  
SUTHERLIN WATER CONTROL DISTRICT, OR  
SWALLEY IRRIGATION DISTRICT, OR  
SWEET HOME CEMETERY MAINTENANCE DISTRICT,  
OR  
SWEET HOME FIRE & AMBULANCE DISTRICT, OR  
SWISSHOME-DEADWOOD R.F.P.D., OR  
TABLE ROCK DISTRICT IMPROVEMENT COMPANY,  
OR  
TALENT IRRIGATION DISTRICT, OR  
TANGENT R.F.P.D., OR  
TENMILE R.F.P.D., OR  
TERREBONNE DOMESTIC WATER DISTRICT, OR  
THE DALLES IRRIGATION DISTRICT, OR  
THOMAS CREEK-WESTSIDE R.F.P.D., OR  
THREE RIVERS RANCH ROAD DISTRICT, OR  
THREE SISTERS IRRIGATION DISTRICT, OR  
TIGARD TUALATIN AQUATIC DISTRICT, OR  
TIGARD WATER DISTRICT, OR  
TILLAMOOK BAY FLOOD IMPROVEMENT DISTRICT,  
OR  
TILLAMOOK COUNTY EMERGENCY  
COMMUNICATIONS DISTRICT, OR  
TILLAMOOK COUNTY S.W.C.D., OR  
TILLAMOOK COUNTY TRANSPORTATION DISTRICT,  
OR  
TILLAMOOK FIRE DISTRICT, OR  
TILLAMOOK P.U.D., OR  
TILLER R.F.P.D., OR  
TOBIN DITCH DISTRICT IMPROVEMENT COMPANY,  
OR  
TOLEDO R.F.P.D., OR  
TONE WATER DISTRICT, OR  
TOOLEY WATER DISTRICT, OR  
TRASK DRAINAGE DISTRICT, OR  
TRI CITY R.F.P.D. #4, OR  
TRI-CITY WATER & SANITARY AUTHORITY, OR  
TRI-COUNTY METROPOLITAN TRANSPORTATION  
DISTRICT OF OREGON  
TRIMET, OR  
TUALATIN HILLS PARK & RECREATION DISTRICT  
TUALATIN HILLS PARK & RECREATION DISTRICT,  
OR  
TUALATIN S.W.C.D., OR  
TUALATIN VALLEY FIRE & RESCUE  
TUALATIN VALLEY FIRE & RESCUE, OR  
TUALATIN VALLEY IRRIGATION DISTRICT, OR  
TUALATIN VALLEY WATER DISTRICT

TUALATIN VALLEY WATER DISTRICT, OR  
TUMALO IRRIGATION DISTRICT, OR  
TURNER FIRE DISTRICT, OR  
TWIN ROCKS SANITARY DISTRICT, OR  
TWO RIVERS NORTH SPECIAL ROAD DISTRICT, OR  
TWO RIVERS S.W.C.D., OR  
TWO RIVERS SPECIAL ROAD DISTRICT, OR  
TYGH VALLEY R.F.P.D., OR  
TYGH VALLEY WATER DISTRICT, OR  
UMATILLA COUNTY FIRE DISTRICT #1, OR  
UMATILLA COUNTY S.W.C.D., OR  
UMATILLA COUNTY SPECIAL LIBRARY DISTRICT,  
OR  
UMATILLA HOSPITAL DISTRICT, OR  
UMATILLA R.F.P.D. #7-405, OR  
UMATILLA-MORROW RADIO AND DATA DISTRICT,  
OR  
UMPQUA S.W.C.D., OR  
UNION CEMETERY MAINTENANCE DISTRICT, OR  
UNION COUNTY SOLID WASTE DISPOSAL DISTRICT,  
OR  
UNION COUNTY VECTOR CONTROL DISTRICT, OR  
UNION GAP SANITARY DISTRICT, OR  
UNION GAP WATER DISTRICT, OR  
UNION HEALTH DISTRICT, OR  
UNION R.F.P.D., OR  
UNION S.W.C.D., OR  
UNITY COMMUNITY PARK & RECREATION  
DISTRICT, OR  
UPPER CLEVELAND RAPIDS ROAD DISTRICT, OR  
UPPER MCKENZIE R.F.P.D., OR  
UPPER WILLAMETTE S.W.C.D., OR  
VALE OREGON IRRIGATION DISTRICT, OR  
VALE RURAL FIRE PROTECTION DISTRICT, OR  
VALLEY ACRES SPECIAL ROAD DISTRICT, OR  
VALLEY VIEW CEMETERY MAINTENANCE  
DISTRICT, OR  
VALLEY VIEW WATER DISTRICT, OR  
VANDEVERT ACRES SPECIAL ROAD DISTRICT, OR  
VERNONIA R.F.P.D., OR  
VINEYARD MOUNTAIN PARK & RECREATION  
DISTRICT, OR  
VINEYARD MOUNTAIN SPECIAL ROAD DISTRICT,  
OR  
WALLA WALLA RIVER IRRIGATION DISTRICT, OR  
WALLOWA COUNTY HEALTH CARE DISTRICT, OR  
WALLOWA LAKE COUNTY SERVICE DISTRICT, OR  
WALLOWA LAKE IRRIGATION DISTRICT, OR  
WALLOWA LAKE R.F.P.D., OR  
WALLOWA S.W.C.D., OR  
WALLOWA VALLEY IMPROVEMENT DISTRICT #1,  
OR  
WAMIC R.F.P.D., OR  
WAMIC WATER & SANITARY AUTHORITY, OR  
WARMSPRINGS IRRIGATION DISTRICT, OR  
WASCO COUNTY S.W.C.D., OR  
WATER ENVIRONMENT SERVICES, OR  
WATER WONDERLAND IMPROVEMENT DISTRICT,  
OR  
WATERBURY & ALLEN DITCH IMPROVEMENT  
DISTRICT, OR  
WATSECO-BARVIEW WATER DISTRICT, OR  
WAUNA WATER DISTRICT, OR  
WEDDERBURN SANITARY DISTRICT, OR  
WEST EAGLE VALLEY WATER CONTROL DISTRICT,  
OR  
WEST EXTENSION IRRIGATION DISTRICT, OR  
WEST LABISH DRAINAGE & WATER CONTROL  
IMPROVEMENT DISTRICT, OR

WEST MULTNOMAH S.W.C.D., OR  
WEST SIDE R.F.P.D., OR  
WEST SLOPE WATER DISTRICT, OR  
WEST UMATILLA MOSQUITO CONTROL DISTRICT,  
OR  
WEST VALLEY FIRE DISTRICT, OR  
WESTERN HEIGHTS SPECIAL ROAD DISTRICT, OR  
WESTERN LANE AMBULANCE DISTRICT, OR  
WESTLAND IRRIGATION DISTRICT, OR  
WESTON ATHENA MEMORIAL HALL PARK &  
RECREATION DISTRICT, OR  
WESTON CEMETERY DISTRICT #2, OR  
WESTPORT FIRE AND RESCUE, OR  
WESTRIDGE WATER SUPPLY CORPORATION, OR  
WESTWOOD HILLS ROAD DISTRICT, OR  
WESTWOOD VILLAGE ROAD DISTRICT, OR  
WHEELER S.W.C.D., OR  
WHITE RIVER HEALTH DISTRICT, OR  
WIARD MEMORIAL PARK DISTRICT, OR  
WICKIUP WATER DISTRICT, OR  
WILLAKENZIE R.F.P.D., OR  
WILLAMALANE PARK & RECREATION DISTRICT, OR  
WILLAMALANE PARK AND RECREATION DISTRICT  
WILLAMETTE HUMANE SOCIETY  
WILLAMETTE RIVER WATER COALITION, OR  
WILLIAMS R.F.P.D., OR  
WILLOW CREEK PARK DISTRICT, OR  
WILLOW DALE WATER DISTRICT, OR  
WILSON RIVER WATER DISTRICT, OR  
WINCHESTER BAY R.F.P.D., OR  
WINCHESTER BAY SANITARY DISTRICT, OR  
WINCHUCK R.F.P.D., OR  
WINSTON-DILLARD R.F.P.D., OR  
WINSTON-DILLARD WATER DISTRICT, OR  
WOLF CREEK R.F.P.D., OR  
WOOD RIVER DISTRICT IMPROVEMENT COMPANY,  
OR  
WOODBURN R.F.P.D. NO. 6, OR  
WOODLAND PARK SPECIAL ROAD DISTRICT, OR  
WOODS ROAD DISTRICT, OR  
WRIGHT CREEK ROAD WATER IMPROVEMENT  
DISTRICT, OR  
WY'EAST FIRE DISTRICT, OR  
YACHATS R.F.P.D., OR  
YAMHILL COUNTY TRANSIT AREA, OR  
YAMHILL FIRE PROTECTION DISTRICT, OR  
YAMHILL SWCD, OR  
YONCALLA PARK & RECREATION DISTRICT, OR  
YOUNGS RIVER-LEWIS & CLARK WATER DISTRICT,  
OR  
ZUMWALT R.F.P.D., OR

**K-12 INCLUDING BUT NOT LIMITED TO:**

ACADIA PARISH SCHOOL BOARD  
BEAVERTON SCHOOL DISTRICT  
BEND-LA PINE SCHOOL DISTRICT  
BOGALUSA HIGH SCHOOL, LA  
BOSSIER PARISH SCHOOL BOARD  
BROOKING HARBOR SCHOOL DISTRICT  
CADDO PARISH SCHOOL DISTRICT  
CALCASIEU PARISH SCHOOL DISTRICT  
CANBY SCHOOL DISTRICT  
CANYONVILLE CHRISTIAN ACADEMY  
CASCADE SCHOOL DISTRICT  
CASCADES ACADEMY OF CENTRAL OREGON  
CENTENNIAL SCHOOL DISTRICT  
CENTRAL CATHOLIC HIGH SCHOOL  
CENTRAL POINT SCHOOL DISTRICT NO.6

CENTRAL SCHOOL DISTRICT 13J  
COOS BAY SCHOOL DISTRICT NO.9  
CORVALLIS SCHOOL DISTRICT 509J  
COUNTY OF YAMHILL SCHOOL DISTRICT 29  
CULVER SCHOOL DISTRICT  
DALLAS SCHOOL DISTRICT NO.2  
DAVID DOUGLAS SCHOOL DISTRICT  
DAYTON SCHOOL DISTRICT NO.8  
DE LA SALLE N CATHOLIC HS  
DESCHUTES COUNTY SCHOOL DISTRICT NO.6  
DOUGLAS EDUCATIONAL DISTRICT SERVICE  
DUFUR SCHOOL DISTRICT NO.29  
EAST BATON ROUGE PARISH SCHOOL DISTRICT  
ESTACADA SCHOOL DISTRICT NO.10B  
FOREST GROVE SCHOOL DISTRICT  
GEORGE MIDDLE SCHOOL  
GLADSTONE SCHOOL DISTRICT  
GRANTS PASS SCHOOL DISTRICT 7  
GREATER ALBANY PUBLIC SCHOOL DISTRICT  
GRESHAM BARLOW JOINT SCHOOL DISTRICT  
HEAD START OF LANE COUNTY  
HIGH DESERT EDUCATION SERVICE DISTRICT  
HILLSBORO SCHOOL DISTRICT  
HOOD RIVER COUNTY SCHOOL DISTRICT  
JACKSON CO SCHOOL DIST NO.9  
JEFFERSON COUNTY SCHOOL DISTRICT 509-J  
JEFFERSON PARISH SCHOOL DISTRICT  
JEFFERSON SCHOOL DISTRICT  
JUNCTION CITY SCHOOLS, OR  
KLAMATH COUNTY SCHOOL DISTRICT  
KLAMATH FALLS CITY SCHOOLS  
LAFAYETTE PARISH SCHOOL DISTRICT  
LAKE OSWEGO SCHOOL DISTRICT 7J  
LANE COUNTY SCHOOL DISTRICT 4J  
LINCOLN COUNTY SCHOOL DISTRICT  
LINN CO. SCHOOL DIST. 95C  
LIVINGSTON PARISH SCHOOL DISTRICT  
LOST RIVER JR/SR HIGH SCHOOL  
LOWELL SCHOOL DISTRICT NO.71  
MARION COUNTY SCHOOL DISTRICT  
MARION COUNTY SCHOOL DISTRICT 103  
MARIST HIGH SCHOOL, OR  
MCMINNVILLE SCHOOL DISTRICT NOAO  
MEDFORD SCHOOL DISTRICT 549C  
MITCH CHARTER SCHOOL  
MONROE SCHOOL DISTRICT NO.1J  
MORROW COUNTY SCHOOL DIST, OR  
MULTNOMAH EDUCATION SERVICE DISTRICT  
MULTISENSORY LEARNING ACADEMY  
MYRTLE PINT SCHOOL DISTRICT 41  
NEAH-KAH-NIE DISTRICT NO.56  
NEWBERG PUBLIC SCHOOLS  
NESTUCCA VALLEY SCHOOL DISTRICT NO.101  
NOBEL LEARNING COMMUNITIES  
NORTH BEND SCHOOL DISTRICT 13  
NORTH CLACKAMAS SCHOOL DISTRICT  
NORTH DOUGLAS SCHOOL DISTRICT  
NORTH WASCO CITY SCHOOL DISTRICT 21  
NORTHWEST REGIONAL EDUCATION SERVICE  
DISTRICT  
ONTARIO MIDDLE SCHOOL  
OREGON TRAIL SCHOOL DISTRICT NOA6  
ORLEANS PARISH SCHOOL DISTRICT  
PHOENIX-TALENT SCHOOL DISTRICT NOA  
PLEASANT HILL SCHOOL DISTRICT  
PORTLAND JEWISH ACADEMY  
PORTLAND PUBLIC SCHOOLS  
RAPIDES PARISH SCHOOL DISTRICT  
REDMOND SCHOOL DISTRICT

REYNOLDS SCHOOL DISTRICT  
ROGUE RIVER SCHOOL DISTRICT  
ROSEBURG PUBLIC SCHOOLS  
SCAPPOOSE SCHOOL DISTRICT 1J  
SAINT TAMMANY PARISH SCHOOL BOARD, LA  
SEASIDE SCHOOL DISTRICT 10  
SHERWOOD SCHOOL DISTRICT 88J  
SILVER FALLS SCHOOL DISTRICT 4J  
SOUTH LANE SCHOOL DISTRICT 45J3  
SOUTHERN OREGON EDUCATION SERVICE  
DISTRICT  
SPRINGFIELD PUBLIC SCHOOLS  
SUTHERLIN SCHOOL DISTRICT  
SWEET HOME SCHOOL DISTRICT NO.55  
TERREBONNE PARISH SCHOOL DISTRICT  
THE CATLIN GABEL SCHOOL  
TIGARD-TUALATIN SCHOOL DISTRICT  
UMATILLA MORROW ESD  
WEST LINN WILSONVILLE SCHOOL DISTRICT  
WILLAMETTE EDUCATION SERVICE DISTRICT  
WOODBURN SCHOOL DISTRICT  
YONCALLA SCHOOL DISTRICT  
ACADEMY FOR MATH ENGINEERING & SCIENCE  
(AMES), UT  
ALIANZA ACADEMY, UT  
ALPINE DISTRICT, UT  
AMERICAN LEADERSHIP ACADEMY, UT  
AMERICAN PREPARATORY ACADEMY, UT  
BAER CANYON HIGH SCHOOL FOR SPORTS &  
MEDICAL SCIENCES, UT  
BEAR RIVER CHARTER SCHOOL, UT  
BEAVER SCHOOL DISTRICT, UT  
BEEHIVE SCIENCE & TECHNOLOGY ACADEMY  
(BSTA) , UT  
BOX ELDER SCHOOL DISTRICT, UT  
CBA CENTER, UT  
CACHE SCHOOL DISTRICT, UT  
CANYON RIM ACADEMY, UT  
CANYONS DISTRICT, UT  
CARBON SCHOOL DISTRICT, UT  
CHANNING HALL, UT  
CHARTER SCHOOL LEWIS ACADEMY, UT  
CITY ACADEMY, UT  
DAGGETT SCHOOL DISTRICT, UT  
DAVINCI ACADEMY, UT  
DAVIS DISTRICT, UT  
DUAL IMMERSION ACADEMY, UT  
DUCHESNE SCHOOL DISTRICT, UT  
EARLY LIGHT ACADEMY AT DAYBREAK, UT  
EAST HOLLYWOOD HIGH, UT  
EDITH BOWEN LABORATORY SCHOOL, UT  
EMERSON ALCOTT ACADEMY, UT  
EMERY SCHOOL DISTRICT, UT  
ENTHEOS ACADEMY, UT  
EXCELSIOR ACADEMY, UT  
FAST FORWARD HIGH, UT  
FREEDOM ACADEMY, UT  
GARFIELD SCHOOL DISTRICT, UT  
GATEWAY PREPARATORY ACADEMY, UT  
GEORGE WASHINGTON ACADEMY, UT  
GOOD FOUNDATION ACADEMY, UT  
GRAND SCHOOL DISTRICT, UT  
GRANITE DISTRICT, UT  
GUADALUPE SCHOOL, UT  
HAWTHORN ACADEMY, UT  
INTECH COLLEGIATE HIGH SCHOOL, UT  
IRON SCHOOL DISTRICT, UT  
ITINERIS EARLY COLLEGE HIGH, UT  
JOHN HANCOCK CHARTER SCHOOL, UT

JORDAN DISTRICT, UT  
JUAB SCHOOL DISTRICT, UT  
KANE SCHOOL DISTRICT, UT  
KARL G MAESER PREPARATORY ACADEMY, UT  
LAKEVIEW ACADEMY, UT  
LEGACY PREPARATORY ACADEMY, UT  
LIBERTY ACADEMY, UT  
LINCOLN ACADEMY, UT  
LOGAN SCHOOL DISTRICT, UT  
MARIA MONTESSORI ACADEMY, UT  
MERIT COLLEGE PREPARATORY ACADEMY, UT  
MILLARD SCHOOL DISTRICT, UT  
MOAB CHARTER SCHOOL, UT  
MONTICELLO ACADEMY, UT  
MORGAN SCHOOL DISTRICT, UT  
MOUNTAINVILLE ACADEMY, UT  
MURRAY SCHOOL DISTRICT, UT  
NAVIGATOR POINTE ACADEMY, UT  
NEBO SCHOOL DISTRICT, UT  
NO UT ACAD FOR MATH ENGINEERING & SCIENCE (NUAMES), UT  
NOAH WEBSTER ACADEMY, UT  
NORTH DAVIS PREPARATORY ACADEMY, UT  
NORTH SANPETE SCHOOL DISTRICT, UT  
NORTH STAR ACADEMY, UT  
NORTH SUMMIT SCHOOL DISTRICT, UT  
ODYSSEY CHARTER SCHOOL, UT  
OGDEN PREPARATORY ACADEMY, UT  
OGDEN SCHOOL DISTRICT, UT  
OPEN CLASSROOM, UT  
OPEN HIGH SCHOOL OF UTAH, UT  
OQUIRRH MOUNTAIN CHARTER SCHOOL, UT  
PARADIGM HIGH SCHOOL, UT  
PARK CITY SCHOOL DISTRICT, UT  
PINNACLE CANYON ACADEMY, UT  
PIUTE SCHOOL DISTRICT, UT  
PROVIDENCE HALL, UT  
PROVO SCHOOL DISTRICT, UT  
QUAIL RUN PRIMARY SCHOOL, UT  
QUEST ACADEMY, UT  
RANCHES ACADEMY, UT  
REAGAN ACADEMY, UT  
RENAISSANCE ACADEMY, UT  
RICH SCHOOL DISTRICT, UT  
ROCKWELL CHARTER HIGH SCHOOL, UT  
SALT LAKE ARTS ACADEMY, UT  
SALT LAKE CENTER FOR SCIENCE EDUCATION, UT  
SALT LAKE SCHOOL DISTRICT, UT  
SALT LAKE SCHOOL FOR THE PERFORMING ARTS, UT  
SAN JUAN SCHOOL DISTRICT, UT  
SEVIER SCHOOL DISTRICT, UT  
SOLDIER HOLLOW CHARTER SCHOOL, UT  
SOUTH SANPETE SCHOOL DISTRICT, UT  
SOUTH SUMMIT SCHOOL DISTRICT, UT  
SPECTRUM ACADEMY, UT  
SUCCESS ACADEMY, UT  
SUCCESS SCHOOL, UT  
SUMMIT ACADEMY, UT  
SUMMIT ACADEMY HIGH SCHOOL, UT  
SYRACUSE ARTS ACADEMY, UT  
THOMAS EDISON - NORTH, UT  
TIMPANOGOS ACADEMY, UT  
TINTIC SCHOOL DISTRICT, UT  
TOOELE SCHOOL DISTRICT, UT  
TUACAHN HIGH SCHOOL FOR THE PERFORMING ARTS, UT  
UINTAH RIVER HIGH, UT  
UINTAH SCHOOL DISTRICT, UT

UTAH CONNECTIONS ACADEMY, UT  
UTAH COUNTY ACADEMY OF SCIENCE, UT  
UTAH ELECTRONIC HIGH SCHOOL, UT  
UTAH SCHOOLS FOR DEAF & BLIND, UT  
UTAH STATE OFFICE OF EDUCATION, UT  
UTAH VIRTUAL ACADEMY, UT  
VENTURE ACADEMY, UT  
VISTA AT ENTRADA SCHOOL OF PERFORMING ARTS AND TECHNOLOGY, UT  
WALDEN SCHOOL OF LIBERAL ARTS, UT  
WASATCH PEAK ACADEMY, UT  
WASATCH SCHOOL DISTRICT, UT  
WASHINGTON SCHOOL DISTRICT, UT  
WAYNE SCHOOL DISTRICT, UT  
WEBER SCHOOL DISTRICT, UT  
WEILENMANN SCHOOL OF DISCOVERY, UT

#### **HIGHER EDUCATION**

ARGOSY UNIVERSITY  
BATON ROUGE COMMUNITY COLLEGE, LA  
BIRTHINGWAY COLLEGE OF MIDWIFERY  
BLUE MOUNTAIN COMMUNITY COLLEGE  
BRIGHAM YOUNG UNIVERSITY - HAWAII  
CENTRAL OREGON COMMUNITY COLLEGE  
CENTENARY COLLEGE OF LOUISIANA  
CHEMEKETA COMMUNITY COLLEGE  
CLACKAMAS COMMUNITY COLLEGE  
COLLEGE OF THE MARSHALL ISLANDS  
COLUMBIA GORGE COMMUNITY COLLEGE  
CONCORDIA UNIVERSITY  
GEORGE FOX UNIVERSITY  
KLAMATH COMMUNITY COLLEGE DISTRICT  
LANE COMMUNITY COLLEGE  
LEWIS AND CLARK COLLEGE  
LINFIELD COLLEGE  
LINN-BENTON COMMUNITY COLLEGE  
LOUISIANA COLLEGE, LA  
LOUISIANA STATE UNIVERSITY  
LOUISIANA STATE UNIVERSITY HEALTH SERVICES  
MARYLHURST UNIVERSITY  
MT. HOOD COMMUNITY COLLEGE  
MULTNOMAH BIBLE COLLEGE  
NATIONAL COLLEGE OF NATURAL MEDICINE  
NORTHWEST CHRISTIAN COLLEGE  
OREGON HEALTH AND SCIENCE UNIVERSITY  
OREGON INSTITUTE OF TECHNOLOGY  
OREGON STATE UNIVERSITY  
OREGON UNIVERSITY SYSTEM  
PACIFIC UNIVERSITY  
PIONEER PACIFIC COLLEGE  
PORTLAND COMMUNITY COLLEGE  
PORTLAND STATE UNIVERSITY  
REED COLLEGE  
RESEARCH CORPORATION OF THE UNIVERSITY OF HAWAII  
ROGUE COMMUNITY COLLEGE  
SOUTHEASTERN LOUISIANA UNIVERSITY  
SOUTHERN OREGON UNIVERSITY (OREGON UNIVERSITY SYSTEM)  
SOUTHWESTERN OREGON COMMUNITY COLLEGE  
TULANE UNIVERSITY  
TILLAMOOK BAY COMMUNITY COLLEGE  
UMPQUA COMMUNITY COLLEGE  
UNIVERSITY OF HAWAII BOARD OF REGENTS  
UNIVERSITY OF HAWAII-HONOLULU COMMUNITY COLLEGE  
UNIVERSITY OF OREGON-GRADUATE SCHOOL  
UNIVERSITY OF PORTLAND  
UNIVERSITY OF NEW ORLEANS

WESTERN OREGON UNIVERSITY  
WESTERN STATES CHIROPRACTIC COLLEGE  
WILLAMETTE UNIVERSITY  
XAVIER UNIVERSITY  
UTAH SYSTEM OF HIGHER EDUCATION, UT  
UNIVERSITY OF UTAH, UT  
UTAH STATE UNIVERSITY, UT  
WEBER STATE UNIVERSITY, UT  
SOUTHERN UTAH UNIVERSITY, UT  
SNOW COLLEGE, UT  
DIXIE STATE COLLEGE, UT  
COLLEGE OF EASTERN UTAH, UT  
UTAH VALLEY UNIVERSITY, UT  
SALT LAKE COMMUNITY COLLEGE, UT  
UTAH COLLEGE OF APPLIED TECHNOLOGY, UT

**STATE AGENCIES**

ADMIN. SERVICES OFFICE  
BOARD OF MEDICAL EXAMINERS  
HAWAII CHILD SUPPORT ENFORCEMENT AGENCY  
HAWAII DEPARTMENT OF TRANSPORTATION  
HAWAII HEALTH SYSTEMS CORPORATION  
OFFICE OF MEDICAL ASSISTANCE PROGRAMS  
OFFICE OF THE STATE TREASURER  
OREGON BOARD OF ARCHITECTS  
OREGON CHILD DEVELOPMENT COALITION  
OREGON DEPARTMENT OF EDUCATION  
OREGON DEPARTMENT OF FORESTRY  
OREGON DEPT OF TRANSPORTATION  
OREGON DEPT. OF EDUCATION  
OREGON LOTTERY  
OREGON OFFICE OF ENERGY  
OREGON STATE BOARD OF NURSING  
OREGON STATE DEPT OF CORRECTIONS  
OREGON STATE POLICE  
OREGON TOURISM COMMISSION  
OREGON TRAVEL INFORMATION COUNCIL  
SANTIAM CANYON COMMUNICATION CENTER  
SEIU LOCAL 503, OPEU  
SOH- JUDICIARY CONTRACTS AND PURCH  
STATE DEPARTMENT OF DEFENSE, STATE OF  
HAWAII  
STATE OF HAWAII  
STATE OF HAWAII, DEPT. OF EDUCATION  
STATE OF LOUISIANA  
STATE OF LOUISIANA DEPT. OF EDUCATION  
STATE OF LOUISIANA, 26<sup>TH</sup> JUDICIAL DISTRICT  
ATTORNEY  
STATE OF UTAH

**IFB #PW1925 Roofing Supplies and Services, Waterproofing, and Related Products and Services  
Attachment C - Bid Form**

Line Item		Unit	\$ per Unit
<b>1.00</b>	<b>Roof Management, Design Assistant and/or Professional Services</b>		
1.01	Full-time Quality Assurance monitoring	DAY	
1.02	Asbestos core testing and analysis (testing only, excludes labor for sampling and repair)	EA	
1.03	Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type)	EA	
1.04	Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	EA	
1.05	Aerial Wall Survey - Wall Pictures & Drawings Including Geometries, Calculated Area and Perimeter Measurements	EA	
1.06	Manufacturer Standing Seam Material Quantity Estimating	EA	
<b>1.07</b>	<b>Nuclear Moisture Survey, Non destructive roof scan</b>		
1.07.01	Non destructive roof scan, up to 20 000 SF	EA	
1.07.02	Non destructive roof scan, over 20,000 SF	SF	
<b>1.08</b>	<b>Infrared Moisture Scanning</b>		
1.08.01	Non destructive infrared roof scan, up to 20 000 SF	EA	
1.08.02	Non destructive infrared roof scan, over 20,000 SF	SF	
1.08.03	Aerial infrared roof scan at night	TRIP	
1.09	Infrared scanning equipment rental	DAY	
<b>1.10</b>	<b>Roof investigation (visual roof survey)</b>		
1.10.01	Roof Investigation (Roof by Roof), per hour	HOURLY	
1.10.02	Visual Roof Survey (Roof by Roof) up to 20,000 SF	EA	
1.10.03	Visual Roof Survey (Roof by Roof) over 20,000 SF	SF	
1.10.04	Visual Roof Survey (Single Campus - All Roof Sections)	SF	
1.10.05	Visual Roof Survey (Multiple Campuses City-/County-wide - All Roof Sections)	SF	
1.10.06	Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections)	SF	
1.10.07	Roof core cut (roof by roof)	EA	
1.10.08	Roof core cut per roof section (all roof sections on campus(s))	EA	
<b>1.11</b>	<b>Comprehensive reporting</b>		
1.11.01	Comprehensive report for visual survey (Roof by Roof)	EA	
1.11.02	Comprehensive report for visual survey(All Roof Sections on Campus(es))	EA	
1.11.03	Comprehensive report for each roof section(s) surveyed (Item 1.07) or scanned (Item 1.08)	EA	
1.11.04	Comprehensive report entered into on-line data base for dynamic reporting and tracking all roofing sections on Campus(s)	EA	
1.12	Manufacturer's Technical Representative Contractor Training Session at Job Start-Up	DAILY	
1.13	Wind Uplift Testing – Mobilize and provide wind uplift testing per Factory Mutual System Roof Design Manual FM 1-52	EA	
<b>1.14</b>	<b>Roof drawings to scale with all rooftop equipment and penetrations</b>		
1.14.01	Roof drawings (Roof by Roof)	EA	
1.14.02	Roof drawings (All Roof Sections on Campus(es))	EA	
1.15	Project Building Code Review	EA	
<b>1.16</b>	<b>Additional and Occasional Services</b>		
1.16.01	Project Architect for Design Professional Services	HOURLY	
1.16.02	Principle Architect for Design Professional Services	HOURLY	
1.16.03	Project Engineer for Engineering Reviews	HOURLY	
1.16.04	Principle Architect for Engineering Reviews	HOURLY	
1.16.06	Roof Consultant	HOURLY	
1.16.07	Full-Time Job Site Superintendent	DAY	
1.16.08	CAD Draftsman	HOURLY	
<b>1.17</b>	<b>Laboratory Analysis</b>		
1.17.01	Laboratory Fungal Analysis: Cultured Fungi Identification & Enumeration (Not including engineering time for sampling)	EA	
1.17.02	Laboratory Fungal Analysis: Total Fungi Spore Count (Not including engineering time for sampling)	EA	
1.17.03	Laboratory Mold Analysis: Viable Airborne Mold Analysis (Not including engineering time for sampling)	EA	
1.17.04	Laboratory Analysis: Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)	EA	
1.17.05	Laboratory Analysis: Non-Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)	EA	
1.17.06	Destructive Roof Sample Analysis: Comprehensive laboratory testing of a core sample from an existing roof to include tensile/tear strength, scrim type, interply bitumen weight and roof composition; Repair the roof core area with similar materials.	EA	
<b>1.18</b>	<b>Travel Expenses</b>		
1.18.01	Per Diem – Meals and Incidentals	DAY	
1.18.02	Lodging	DAY	
1.18.03	Mileage on Company / Personal Vehicle	MILE	
1.18.04	Airfare (Economy)	JOB	
1.18.05	Vehicle Rental	DAY	
1.19	Seamer Rental Charges	DAY	
1.20	Set-up Charges for Metal In-Shop Fabrication	EA	
1.21	Set-up On-Site Roll Forming	EA	
1.22	Roof Fastener Pull Tests (As Many as Required per Roof Section)	EA	
1.23	Wind Uplift Design Calculations	EA	
1.24	Roof Drainage Capacity Calculations	EA	

1.25	Roof Edge Metal Calculations - ANSI/SPRI ES-1 Standards		EA	
1.26	Dew Point Calculations		EA	
1.27	Energy Payback Calculations		EA	
1.28	Project Life-Cycle Cost Calculation		EA	
1.29	Substantial Completion Walkthrough with Report and Punchlist			
1.30	Final Walkthrough with Report		EA	
1.31	On-Site Quality Control Inspections with Report from Manufacturer's Rep - 3 Days per Week		WEEK	
1.32	"As-Built" Drawings Upon Project Completion		EA	
1.33	R.A. or P.E. Reviewed and Stamped Shop Drawings		EA	
1.34	R.A. or P.E. Reviewed and Stamped Specifications		EA	
1.35	Non-R.A./P.E. Reviewed Shop Drawings		EA	
1.36	Project Design Assistance - Hourly Rate for Consultations with Architect of Record		EA	
1.37	Project Design Assistance - Development of a recommended specification for a roofing or waterproofing project		EA	
1.38	Roof Asset Management Report with recommended options for future course of actions and associated budgets for capital expense and maintenance planning.		EA	
1.39	Five year capital expense and maintenance plan ( All roof section on for campus(es))		EA	
<b>1.40</b>	<b>Additional Professional Services</b>			
1.40.01	Option 1: Professional Services (Third party architectural design, engineering or consulting services quote on corporate letterhead) Cost plus added to quote		%	
1.40.02	Option 2: R.S. Means or Gordian Group Catalog (Used when professional services line item pricing is not available) Cost plus added to catalog pricing		%	
<b>2.00</b>	<b>Tear-off &amp; Dispose of Debris</b>			
2.01	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	
2.02	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	
2.03	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	
2.04	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	
2.05	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	
2.06	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	
2.07	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	
2.08	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Concrete Deck		SF	
2.09	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Metal Deck		SF	
2.10	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Wood / Tectum Deck		SF	
2.11	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Lightweight / Gyp Deck		SF	
2.12	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Concrete Deck		SF	
2.13	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Metal Deck		SF	
2.14	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck		SF	
2.15	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck		SF	
2.16	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Concrete Deck		SF	
2.17	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	
2.18	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	
2.19	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	
2.20	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	
2.21	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	
2.22	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	
2.23	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	

2.24	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	
2.25	<b>SYSTEM TYPE</b> Metal Roofing System - Metal Deck	SF	
2.26	<b>SYSTEM TYPE</b> Metal Roofing System - Wood / Tectum Deck	SF	
2.27	<b>SYSTEM TYPE</b> Metal Roofing System - Lightweight / Gypsum Deck	SF	
2.28	<b>SYSTEM TYPE</b> Metal Roofing System - Concrete Deck	SF	
2.29	<b>SYSTEM TYPE</b> Dimensional/Architectural Shingle Roof - Wood Deck	SF	
2.30	<b>SYSTEM TYPE</b> 3-Tab Shingle Roof - Wood Deck	SF	
2.31	<b>SYSTEM TYPE</b> Clay Tile Shingle Roof - Wood Deck	SF	
2.32	<b>SYSTEM TYPE</b> Concrete Tile Shingle Roof - Wood Deck	SF	
2.33	<b>SYSTEM TYPE</b> Slate Tile Shingle Roof - Wood Deck	SF	
2.34	<b>SYSTEM TYPE</b> Cedar / Wood Shake Shingle Roof - Wood Deck	SF	
2.35	<b>SYSTEM TYPE</b> Add to save good Clay Tile Shingles for reuse	SF	
2.36	<b>SYSTEM TYPE</b> Add to save good Concrete Tile Shingles for reuse	SF	
2.37	<b>SYSTEM TYPE</b> Add to save good Slate Tile Shingles for reuse	SF	
2.38	<b>SYSTEM TYPE</b> Add to save good Cedar / Wood Shake Shingles for reuse	SF	
2.39	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Metal Deck	SF	
2.40	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Wood / Tectum Deck	SF	
2.41	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	SF	
2.42	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Concrete Deck	SF	
2.43	<b>SYSTEM TYPE</b> Add of Each Additional Average Depth 1" of Polyurethane Foam (PUF) Roofing	SF	
2.44	<b>SYSTEM TYPE</b> BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.45	<b>SYSTEM TYPE</b> BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.46	<b>SYSTEM TYPE</b> Single-Ply to the Existing Insulation (Insulation to be Re-Used)	SF	
2.47	<b>SYSTEM TYPE</b> Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used)	SF	
2.48	<b>SYSTEM TYPE</b> Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.49	<b>SYSTEM TYPE</b> Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.99	<b>MULTIPLIER - TEAR-OFF &amp; DISPOSE OF DEBRIS</b> Each Additional Roof System	%	
<b>3.00</b>	<b>Removal &amp; Replacement of Roof Deck</b>		
3.01	<b>DECK TYPE</b> Spot Metal Deck Replacement (Multiple areas under 1 square)	SF	
3.02	<b>DECK TYPE</b> Spot Wood Deck Replacement (Multiple areas under 1 square)	SF	
3.03	<b>DECK TYPE</b> Spot Gypsum Deck Replacement (Multiple areas under 1 square)	SF	
3.04	<b>DECK TYPE</b> Spot Concrete Deck Replacement (Multiple areas under 1 square)	SF	
3.05	<b>DECK TYPE</b> Spot Lightweight Deck Replacement (Multiple areas under 1 square)	SF	
3.06	<b>DECK TYPE</b> Spot Tectum Deck Replacement (Multiple areas under 1 square)	SF	
3.07	<b>DECK TYPE</b> Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	SF	

3.08	<b>DECK TYPE</b> Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.09	<b>DECK TYPE</b> Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.10	<b>DECK TYPE</b> Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.11	<b>DECK TYPE</b> Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.12	<b>DECK TYPE</b> Large Areas of Tectum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
<b>4.00</b>	<b>Insulation Recovery Board &amp; Insulations Options</b>		
4.01	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
4.02	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
4.03	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
4.04	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	
4.05	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	
4.06	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	
4.07	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
4.08	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
4.09	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
4.10	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	
4.11	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	
4.12	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	
4.13	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 1.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.14	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 1.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.15	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 2.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.16	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 2.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.17	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF	
4.18	<b>INSULATION SUBSTITUTION OPTION</b> Deduct for Providing an R-Value of greater than or equal to 10, but less than 15; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
4.19	<b>INSULATION SUBSTITUTION OPTION</b> Deduct for Providing an R-Value of greater than or equal to 15, but less than 18; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
4.20	<b>INSULATION SUBSTITUTION OPTION:</b> Deduct for Providing an R-Value of greater than or equal to 18, but less than 20 instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
4.21	<b>INSULATION SUBSTITUTION OPTION:</b> Add for Providing an R-Value of 25 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF	

4.22	<b>INSULATION SUBSTITUTION OPTION:</b> Add for Providing an R-Value of 30 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems		SF	
4.23	<b>INSULATION SUBSTITUTION OPTION</b> Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped		SF	
4.24	<b>INSULATION SUBSTITUTION OPTION</b> Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered with Insulation Adhesive		SF	
4.25	<b>INSULATION SLOPE OPTION</b> Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped		SF	
4.26	<b>INSULATION SLOPE OPTION</b> Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped		SF	
4.27	<b>INSULATION SLOPE OPTION</b> Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive		SF	
4.28	<b>INSULATION SLOPE OPTION</b> Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive		SF	
4.29	<b>INSULATION SUBSTITUTION OPTION</b> Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value		SF	
4.30	<b>INSULATION SUBSTITUTION OPTION</b> Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value		SF	
4.31	<b>INSULATION ATTACHMENT OPTION:</b> Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90		SF	
4.32	<b>INSULATION ATTACHMENT OPTION:</b> Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90		SF	
<b>5.00</b>	<b>Coat New Roofing With Elastomeric Coating</b>			
5.01	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof		SF	
5.02	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof		SF	
5.03	<b>ROOF SYSTEM TYPE</b> Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof		SF	
5.04	<b>ROOF SYSTEM TYPE</b> Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof		SF	
5.05	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic base coat and a PVDF top coat per Specifications (1.5 Gallons per Square Base Coat - 1/2 Gallon per Square Top Coat) - Mineral-Surfaced Modified Roof		SF	
5.06	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic base coat and a PVDF top coat per Specifications (1 Gallon per Square Base Coat - 1/2 Gallon per Square Top Coat) -Smooth-Surfaced Modified Roof		SF	
5.07	<b>ROOF SYSTEM TYPE</b> Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified; With Reinforced Seams (Base Coat Seam with 1.5 Gallons per Square & Reinforcement)		SF	
5.08	<b>ROOF SYSTEM TYPE</b> Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (Apply 1.0 gallon per Square on Seams & wait 24 Hours / Apply base coat at 1.0 gallon per Square / broadcast mineral at 35 lbs. per Square or white gravel at 200 lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Mineral-Surfaced Modified		SF	
5.09	<b>ROOF SYSTEM TYPE</b> Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (apply base coat at 1.0 gallon per Square / broadcast mineral at 35 lbs. per Square or white gravel at 200 lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Smooth-Surfaced Modified		SF	
5.10	<b>ROOF SYSTEM TYPE</b> Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified		SF	
5.11	<b>ROOF SYSTEM TYPE</b> Apply a Fibered Aluminum Coating per Specifications (2 Gallons per Square per Coat - 1 Coat Required) - Smooth or Mineral Surfaced Modified		SF	
<b>6.00</b>	<b>Roof Deck and Insulation Option</b>			
<b>6.01</b>	<b>METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.01.01	<b>INSULATION OPTION:</b> Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance with FM 1-90 Requirements		SF	
<b>6.02</b>	<b>WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			

6.02.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	<b>SF</b>	
6.02.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>6.03</b>	<b>TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.03.01	<b>INSULATION OPTION:</b>	Mechanically Attach Base Sheet Utilizing FM 1-90 Attachment Patterns & Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	<b>SF</b>	
6.03.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>6.04</b>	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.04.01	<b>INSULATION OPTION:</b>	Must Mechanically Attach a Base Sheet; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
6.04.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	<b>SF</b>	
<b>6.05</b>	<b>CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.05.01	<b>INSULATION OPTION:</b>	Prime Roof Deck; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
6.05.02	<b>INSULATION OPTION:</b>	Without Insulation - Prime Roof Deck; Must at Least 1/2" Wood Fiber or Perlite Hot Mopped to Deck In Compliance FM 1-90 Requirements	<b>SF</b>	
<b>6.06</b>	<b>METAL ROOF DECK - COLD PROCESS APPLICATION</b>			
6.06.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
<b>6.07</b>	<b>WOOD ROOF DECK - COLD PROCESS APPLICATION</b>			
6.07.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
6.07.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>6.08</b>	<b>TECTUM ROOF DECK - COLD PROCESS APPLICATION</b>			
6.08.01	<b>INSULATION OPTION:</b>	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
6.08.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>6.09</b>	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION</b>			
6.09.01	<b>INSULATION OPTION:</b>	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
6.09.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns	<b>SF</b>	
<b>6.10</b>	<b>CONCRETE ROOF DECK - COLD PROCESS APPLICATION</b>			
6.10.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	

6.10.02		INSULATION OPTION:	Without Insulation - Must at Least 1/2" High Density Asphalt Coated Wood Fiber Adhered with Insulation Adhesive to Deck In Compliance FM 1-90 Requirements	SF	
6.11	<b>METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.11.01		INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
6.12	<b>WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.12.01		INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	SF	
6.12.02		INSULATION OPTION:	Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal)	SF	
6.13	<b>TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.13.01		INSULATION OPTION:	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	SF	
6.13.02		INSULATION OPTION:	Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal)	SF	
6.14	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.14.01		INSULATION OPTION:	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
6.14.02		INSULATION OPTION:	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	SF	
6.15	<b>CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.15.01		INSULATION OPTION:	Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
6.15.02		INSULATION OPTION:	Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive In Compliance FM 1-90 Requirements	SF	
6.16	<b>INSTALL PRIOR TO ROOF SYSTEM INSULATION:</b>				
6.16.01		VAPOR BARRIER OPTION:	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), Apply 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	SF	

6.16.02	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.03	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt	<b>SF</b>	
6.16.04	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.05	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.06	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified Asphalt	<b>SF</b>	
6.16.07	<b>VAPOR BARRIER OPTION:</b>	<b>TORCH-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); Heat Weld with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.08	<b>VAPOR BARRIER OPTION:</b>	<b>TORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, Heat Weld with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.09	<b>VAPOR BARRIER OPTION:</b>	<b>TORCH-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to Heat Welding with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)	<b>SF</b>	
6.16.10	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	

6.16.11	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.12	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt	<b>SF</b>	
6.16.13	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.14	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.15	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt	<b>SF</b>	
<b>7.00</b>	<b>BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT</b>			
<b>7.01</b>	<b>ROOF CONFIGURATION</b> <b>2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt</b>			
7.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
7.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
7.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
7.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
7.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
7.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
7.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
7.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	

7.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
7.06	<b>DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR</b> Substitute Additional Glass Felt (Hot Applications) in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		<b>SF</b>	
7.07	<b>ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR</b> Each Additional Glass Felt (Hot Applications) Inter-ply Installed		<b>SF</b>	
<b>8.00</b>	<b>BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT</b>			
<b>8.01</b>	<b>ROOF CONFIGURATION</b> <b>2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt</b>			
8.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
8.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
8.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
8.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
8.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
8.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 8.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
8.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
8.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
8.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
8.06	<b>DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR</b> Substitute Additional Glass Base Sheet in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		<b>SF</b>	
8.07	<b>ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR</b> Each Additional Glass Base (Cold Applications) Inter-ply Installed		<b>SF</b>	
<b>9.00</b>	<b>BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT - FLOOD COAT &amp; AGGREGATE IN MODIFIED COAL TAR PITCH</b>			
<b>9.01</b>	<b>ROOF CONFIGURATION</b> <b>2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate</b>			
9.01.01	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.01.02	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.01.03	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.01.04	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	

9.01.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 9.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
9.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
9.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
9.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
9.06	<b>COATING OPTION:</b>	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	<b>SF</b>	
<b>10.00</b>	<b>BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT</b>			
<b>10.01</b>	<b>ROOF CONFIGURATION 2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt</b>			
10.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
10.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
10.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
10.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
10.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
10.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 10.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
10.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	<b>SF</b>	
10.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	<b>SF</b>	
10.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>11.00</b>	<b>BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT</b>			
<b>11.01</b>	<b>ROOF CONFIGURATION 2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt</b>			
11.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
11.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
11.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
11.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
11.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	

11.02		WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 11.00 Must include coverage for roof uplift pressures up to 90 MPH	SF	
11.03		WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	
11.04		WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	
11.05		WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.00	2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY & A CAP SHEET (TOP PLY) <b>PLEASE NOTE: BASE PLY &amp; CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER</b>				
12.01	ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt				
12.01.01		BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	SF	
12.01.02		BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
12.01.03		BASE PLY OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
12.01.04	ADD/DEDUCT TO PER SQUARE FOOT COST - Hot Applied Modified Multi-ply Systems		Each Additional Modified Base Sheet (All Hot Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.01.02 + 12.01.02 + 12.01.04 = Two Plies Installed)	SF	
12.02	ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Cold Process Modified Asphalt				
12.02.01		BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	SF	
12.02.02		BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
12.02.03		BASE PLY OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
12.02.04	ADD/DEDUCT TO PER SQUARE FOOT COST - Cold Applied Modified Multi-ply Systems		Each Additional Modified Base Sheet (All Cold Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.02.02 + 12.02.02 + 12.02.04 = Two Plies Installed)	SF	
12.02.05		INTERPLY ADHESIVE OPTION:	Add/Deduct for Cold Applied Modified Multi-ply Systems Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	
12.03	ROOF CONFIGURATION 1 Ply of Torch Base Sheet Installed with Torch Application				
12.03.01		BASE PLY OPTION:	SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)	SF	
12.03.02		BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 210 lbf/in tensile	SF	
12.03.03	ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems		Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.03.02 + 12.03.02 + 12.03.03 = Two Plies Installed)	SF	
12.04	ROOF CONFIGURATION 1 Ply of Self-Adhering Base Installed Using Self-Adhering Backing				
12.04.01		BASE PLY OPTION:	SBS Modified Asphalt-Based, Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Base Sheet - Minimum of 50 lbf/in tensile	SF	
12.04.02	ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems		Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.04.01 + 12.04.01 + 12.04.02 = Two Plies Installed)	SF	
12.05	ROOF CONFIGURATION 1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt				

12.05.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.05.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.05.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.05.06	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.05 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.05.07	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.05.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.05.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.06</b>	<b>ROOF CONFIGURATION 1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt</b>			
12.06.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.06.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.06.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.06.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.06.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
12.06.06	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.06 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.06.07	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.06.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.06.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.07</b>	<b>ROOF CONFIGURATION 1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat &amp; Aggregate in Hot Modified Coal Tar Pitch</b>			
12.07.01	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.02	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.03	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	

12.07.04	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.06	<b>COATING OPTION:</b>	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	<b>SF</b>	
12.07.07	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.07 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.07.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.07.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.07.10	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.08</b>	<b>ROOF CONFIGURATION 1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt</b>			
12.08.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.08.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.08.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.08.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.08.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
12.08.06	<b>MEMBRANE ADHESIVE &amp; COATING OPTION:</b>	<b>Add/Deduct for Cold Applied Modified BUR</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	<b>SF</b>	
12.08.07	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.08 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.08.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.08.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.08.10	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.09</b>	<b>ROOF CONFIGURATION 1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt</b>			
12.09.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.09.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.09.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	

12.09.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.09.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
12.09.06	<b>MEMBRANE ADHESIVE OPTION:</b>	<b>Add/Deduct for Cold Applied Modified BUR</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	<b>SF</b>	
12.09.07	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.09 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.09.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.09.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.09.10	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.10</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat &amp; Aggregate in Cold Applied Modified Coal Tar Pitch and Aggregate</b>			
12.10.01	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.10.02	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.10.03	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.10.04	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.10.05	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	<b>SF</b>	
12.10.06	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.10 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.10.07	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.10.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.10.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.11</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Application</b>			
12.11.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	<b>SF</b>	
12.11.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.11 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.11.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.11.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	

12.11.05		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
12.12	<b>ROOF CONFIGURATION</b> 1 Ply of Torch-Applied Cap Sheet Installed with Torch Application and Finished with a Flood Coat & Aggregate in Cold Process Modified Asphalt				
12.12.01		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	<b>SF</b>	
12.12.02		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.12.03		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	<b>SF</b>	
12.12.04		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	<b>SF</b>	
12.12.05		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
12.13	<b>ROOF CONFIGURATION</b> 1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing				
12.13.01		<b>ROOF CONFIGURATION OPTION:</b>	ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Sheet Material Type III - Minimum of 130 lbf/in tensile	<b>SF</b>	
12.13.02		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.13 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.13.03		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.13.04		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.13.05		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
12.14	<b>ROOF CONFIGURATION</b> 1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Hot ASTM D 312 Type III OR IV Asphalt with Heat Welded Seams				
12.14.01		<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	<b>SF</b>	
12.14.02		<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
12.14.03		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.14 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.14.04		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.14.05		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.14.06		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
12.15	<b>ROOF CONFIGURATION</b> 1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams				
12.15.01		<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	<b>SF</b>	
12.15.02		<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
12.15.03		<b>MEMBRANE ADHESIVE OPTION:</b>	<b>Add/Deduct for Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)</b> Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	<b>SF</b>	
12.15.04		<b>MEMBRANE ADHESIVE OPTION:</b>	<b>PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)</b> Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	<b>SF</b>	

12.15.05		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.15 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.15.06		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	<b>SF</b>	
12.15.08		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	<b>SF</b>	
12.15.09		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>13.00</b>	<b>BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH</b>				
<b>13.01</b>	<b>ROOF CONFIGURATION 1 Ply of Glass Base, 3 Plies of Polyester Mat or 4 ply of Coal Tar Felts in Modified Hot Coal Tar Pitch (CTP), [Insulation &amp; Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt</b>				
13.01.01		<b>ROOF CONFIGURATION OPTION:</b>	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	<b>SF</b>	
13.01.02		<b>ROOF CONFIGURATION OPTION:</b>	3-Ply Continuous Filament Polyester Mat (5.0 oz./yd <sup>2</sup> ) in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	<b>SF</b>	
13.02		<b>INTERPLY ADHESIVE &amp; FLOOD COAT OPTION:</b>	<b>PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH</b> Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch	<b>SF</b>	
13.03		<b>FLOOD COAT OPTION:</b>	<b>PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS+ MODIFIED COAL TAR PITCH FOR FLOOD COAT</b> Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch+B222	<b>SF</b>	
13.04		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
13.05		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
13.06		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
13.07		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>14.00</b>	<b>METAL ROOFING SYSTEMS - LOW SLOPE &amp; STEEP SLOPE (2)</b>				
<b>14.01</b>	<b>INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE</b>				
14.01.01		<b>INSULATION OPTION:</b>	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	<b>SF</b>	
14.01.02		<b>INSULATION OPTION:</b>	Architectural Application - No Insulation - WOOD DECK: Class A Fire-Retardant Underlayment	<b>SF</b>	
14.01.03		<b>INSULATION OPTION:</b>	Architectural Application - Minimal Insulation - WOOD OR METAL DECK: Must Have 1/2" Treated Gypsum Board with Glass-Mat (e.g. DensDeck / Securock / Equal); & 40 mil Self-Adhering Underlayment	<b>SF</b>	
14.01.04		<b>INSULATION OPTION:</b>	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20; with 40 mil Self-Adhering Underlayment	<b>SF</b>	
14.01.05		<b>INSULATION OPTION:</b>	Structural Application Over Open Framing; Over Retrofit Framing; Over an Existing Roof Using Steel Furring - No Insulation	<b>SF</b>	
14.01.06		<b>INSULATION OPTION:</b>	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	<b>SF</b>	
14.01.07		<b>INSULATION OPTION:</b>	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	<b>SF</b>	

14.01.08	<b>INSULATION OPTION:</b>	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	<b>SF</b>	
14.01.09	<b>INSULATION OPTION:</b>	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	<b>SF</b>	
<b>14.02</b>	<b>ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"</b>			
14.02.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	<b>SF</b>	
14.02.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 18" - 19" Wide Panels	<b>SF</b>	
14.02.03	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Aluminum	<b>SF</b>	
14.02.04	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Aluminum	<b>SF</b>	
14.02.05	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Aluminum	<b>SF</b>	
14.02.06	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.07	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.08	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.02.09	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.02.10	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.02.11	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.02.12	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.02.13	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.02.14	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.15	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.16	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Stainless Steel	<b>SF</b>	
14.02.17	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Stainless Steel	<b>SF</b>	
14.02.18	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Stainless Steel	<b>SF</b>	
14.02.19	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 oz, 18" - 19" Wide Panels	<b>SF</b>	
14.02.20	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz, 18" - 19" Wide Panels	<b>SF</b>	
14.02.21	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Copper	<b>SF</b>	
14.02.22	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Copper	<b>SF</b>	
14.02.23	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Copper	<b>SF</b>	
14.02.24	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	<b>SF</b>	
14.02.25	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	<b>SF</b>	
14.02.26	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Zinc	<b>SF</b>	
14.02.27	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Zinc	<b>SF</b>	
14.02.28	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Zinc	<b>SF</b>	
14.02.29	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over a Deck At or Above 3:12 Slope	<b>SF</b>	
14.02.30	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over a Deck Below 3:12 Slope	<b>SF</b>	
14.02.31	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing At or Above 3:12 Slope	<b>SF</b>	

14.02.32	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing Below 3:12 Slope	<b>SF</b>	
14.02.33	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	<b>SF</b>	
14.02.34	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Retrofit Framing System Below 3:12 Slope	<b>SF</b>	
14.02.35	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	<b>SF</b>	
14.02.36	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3:12 Slope	<b>SF</b>	
14.02.37	<b>PANEL FABRICATION OPTION:</b>	On-Site Roll Forming - To achieve panel lengths in excess of shipping or transportation limitations	<b>SF</b>	
14.02.38	<b>PANEL FABRICATION OPTION:</b>	Curving Panels - Curving panels to meet architectural requirements	<b>SF</b>	
14.02.39	<b>PANEL FABRICATION OPTION:</b>	Tapering Panels - Tapering panels to meet architectural requirements	<b>SF</b>	
14.02.40	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
14.02.41	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.02.42	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.02.43	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>14.03</b>	<b>ROOF CONFIGURATION</b> <b>Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels</b>			
14.03.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	<b>SF</b>	
14.03.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels	<b>SF</b>	
14.03.03	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Aluminum	<b>SF</b>	
14.03.04	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Aluminum	<b>SF</b>	
14.03.05	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	<b>SF</b>	
14.03.06	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	<b>SF</b>	
14.03.07	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.03.08	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.03.09	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.03.10	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.03.11	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.03.12	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 18" Wide Panels	<b>SF</b>	
14.03.13	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	<b>SF</b>	
14.03.14	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Stainless Steel	<b>SF</b>	
14.03.15	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Stainless Steel	<b>SF</b>	
14.03.16	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 oz, 18" Wide Panels	<b>SF</b>	
14.03.17	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz, 18" Wide Panels	<b>SF</b>	
14.03.18	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Copper	<b>SF</b>	
14.03.19	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Copper	<b>SF</b>	
14.03.20	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 18" Wide Panels	<b>SF</b>	

14.03.21	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 18" Wide Panels	<b>SF</b>	
14.03.22	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Zinc	<b>SF</b>	
14.03.23	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Zinc	<b>SF</b>	
14.03.24	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	<b>SF</b>	
14.03.25	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate Below 3:12 Slope	<b>SF</b>	
14.03.26	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	<b>SF</b>	
14.03.27	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Retrofit Framing System At or Above 3:12 Slope	<b>SF</b>	
14.03.28	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	<b>SF</b>	
14.03.30	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 14.03 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
14.03.31	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.03.32	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.03.33	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>14.04</b>	<b>ROOF CONFIGURATION</b> <b>Architectural Standing Seam Roof System; Seam Height Below 1"</b>			
14.04.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 14.5" Wide Panels	<b>SF</b>	
14.04.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 14.5" Wide Panels	<b>SF</b>	
14.04.03	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.05	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.04.06	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.04.07	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.04.08	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.09	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.10	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz., 14.5" Wide Panels	<b>SF</b>	
14.04.11	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz., 14.5" Wide Panels	<b>SF</b>	
14.04.12	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 14.5" Wide Panels	<b>SF</b>	
14.04.13	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 14.5" Wide Panels	<b>SF</b>	
14.04.14	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	<b>SF</b>	
14.04.15	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate Below 3:12 Slope	<b>SF</b>	

14.04.16		WARRANTY CHARGE:	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.04 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
<b>14.05 ROOF CONFIGURATION</b>					
<b>14.05 Flat Seam Metal Roof System - 8' Wide / 30 Gauge</b>					
14.05.01		INSULATION OPTION:	3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) - Includes Panel and Installation of Roof System	SF	
14.05.02		INSULATION OPTION:	Mechanically Fastened Polyisocyanurate with an Average R-Value of 20 - Includes Panel and Installation of Roof System	SF	
14.05.03		UNDERLAYMENT OPTION:	Add Install 40 mil self-adhesive membrane as an Underlayment	SF	
14.05.04		PANEL WIDTH OPTION:	Add/Deduct for 6' Wide Option	SF	
14.05.05		PANEL WIDTH OPTION:	Add/Deduct for 10' Wide Option	SF	
14.05.06		PANEL WIDTH OPTION:	Add/Deduct for 12' Wide Option	SF	
14.05.07		WARRANTY CHARGES:	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.05 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
<b>15.00 RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS</b>					
15.01	<b>PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE</b> Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal			SF	
15.02	<b>PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS</b> Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal			LF	
15.03	<b>PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF</b> Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal			SF	
15.04	<b>RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM</b> Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required Separate Line Item)			SF	
15.05	<b>RESATURATION OF ASPHALT OR COAL TAR PITCH BURs WITH COAL-TAR PITCH COATING SYSTEM</b> Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required Refer to Flashing Line Item)			SF	
15.06	<b>RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING</b> Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green; Use Portable Blowers to Clear Roof of Moisture; Apply seam sealer to seams (1 Gallon per 14 left) Base Coat / Top Coat with Synthetic Rubberized Restorative Coating (1.5 Gallons per Sq.) According to Manufacturer's Specifications			SF	
15.07	<b>RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE</b> Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPARATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer to Dry; Strip in Seams, Around Penetrations and Fasteners with a Single-Component, Aliphatic Urethane at a Rate of 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped in Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.			SF	
15.08	<b>RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE</b> Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPARATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer to Dry; Strip in Seams, Around Penetrations and Fasteners with a Two-Component, Low-Oder Urethane at a Rate of 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped-In Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.			SF	
15.09	<b>COAT ROOF WITH HIGH PERFORMANCE FLUORPOLYMER PAINT SYSTEM FOR METAL ROOFS</b> Prepare Metal Roof Surface by Scraping, Sanding, Wire Brushing or Blasting (USE SEPARATE LINE ITEM FOR BLASTING & WIRE BRUSHING); Clean with TSP or Simple Green, Prime at a Rate of (Primer 1/4" Gallon per Square); Wait; Install Base Coat and Top Coat at a Rate of 1/4 Gallon per Sq. per Coat According to Manufacturer's Specifications			SF	
15.10	<b>RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE &amp; STRIPPED SEAMS</b> Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.			SF	

15.11	<p><b>RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE &amp; REINFORCED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 2 Gallons per Square and a Top Coat of 1.5 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.12	<p><b>RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3.0 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.13	<p><b>RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE &amp; REINFORCED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 2.0 Gallons per Square and Top Coat at a Rate of 2.0 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.14	<p><b>RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1.5 Gallon per Square (3.5 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.15	<p><b>RESTORATION OF A SINGLE-PLY WITH TWO-COMPONENT, LOW-ODER URETHANE &amp; STRIPPED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and a Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.16	<p><b>RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODER URETHANE &amp; REINFORCED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 2 Gallons per Square and a Top Coat at a Rate of 1.5 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.17	<p><b>RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.18	<p><b>RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE &amp; REINFORCED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2.0 Gallons per Square / Reinforcement / 1.0 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 2.0 Gallons per Square and a Top Coat at a Rate of 2.0 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.19	<p><b>RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1.5 Gallon per Square (3.5 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.20	<p><b>RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed firm polyester reinforcement at a rate of 3.0 Gallons per Square / Polyester /3.5 Gallons per Square.</p>	SF	
15.21	<p><b>RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed soft polyester reinforcement at a rate of 1.2 Gallons per Square / Polyester /1.4 Gallons per Square.</p>	SF	
15.22	<p><b>RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed firm polyester reinforcement at a rate of 3.5 Gallons per Square / Polyester / 3.5 Gallons per Square.</p>	SF	

15.23	<b>RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b> Infrared Roof Scan Roof System And Replace All Wet Insulation (Use Separate Line Items); Prime The Roof Surface At Rate Of 1/2 - 3/4 Gallons Per Square; Apply Heavy-Bodied, Fiber Reinforced Asphalt Roof Coating And Embed Soft Polyester Reinforcement At A Rate Of 1.4 Gallons Per Square / Polyester /1.4 Gallons Per Square.	SF	
15.24	<b>COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING</b> Prepare Roof Surface by Sweeping Off All Dirt, Dust and Debris; If Existing Roof Surface is Weathered, Prime the Roof Surface at a Rate of 1 Gallon per Square; If Repairs to Any Cracks, Splits or Surface Irregularities Exist, Repair with a 3 Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Apply Fibrated Aluminum Roof Coating at a Rate of 2 Gallons per Square.	SF	
15.25	<b>RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-REINFORCED GLASS FIBERED ASPHALT EMULSION</b> Prepare Roof Surface to be Clean & Free of Dust; Repair All Splits Tears of Blisters with a Three Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Prime the Roof Surface at a Rate of 1/2 Gallon per Square. Embed Polyester into the Asphalt Emulsion in a 2 Coat Application at a Rate of 3 Gallons per Square / Polyester / 3 Gallons per Square	SF	
15.26	<b>RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH GLASS FIBERED ASPHALT EMULSION</b> Prepare Roof Surface to be Clean & Free of Dust; Repair All Splits Tears of Blisters with a Three Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Prime the Roof Surface at a Rate of 1/2 Gallon per Square. Apply Asphalt Emulsion in a 2 Coat Application at a Rate of 2.5 Gallons per Square per Coat.	SF	
15.27	<b>RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING</b> Prepare Roof Surface to be Clean & Free of Dust; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square	SF	
15.28	<b>RESTORATION OF GRAVEL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING</b> Wet Vac or Spud Any Loose Gravel Off of Roof Surface & Dispose; Sweep Roof Surface to be Clean and Free of Dust; Apply Primer as a Bleed-Blocker at a Rate of 1/2 Gallon per Square; Apply Self-Leveling Silicone at a Rate of 6 Gallons per Square; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square.	SF	
15.29	<b>ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS</b> Clean and Prime then Install Base Coat / Top Coat as Specified with Reinforced Seams - Restoration Coating Fully Reinforced System w/ Reflective Top Coat (3 Gallons per Sq. of Restoration Coating - Reinforcement - Additional 3 Gallons per Sq. of Restoration Coating; Allow 30 Day Cure and Install Reflective Coating at 1 Gallon per Sq. (New Flashings also Required Refer to Flashing Line Item)	SF	
15.30	<b>REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE</b> Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallons per Square (3 Gallons per Square on Seams)	LF	
15.31	<b>REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE</b> Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallons per Square (3 Gallons per Square on Seams)	LF	
15.32	<b>STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE</b> Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square	LF	
15.33	<b>STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE</b> Strip in Seams by Applying a Two-Component, Low Odor Urethane 2 Gallons per Square	LF	
<b>16.00</b>	<b>INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS</b>		
16.01	<b>INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -</b> New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.02	<b>REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -</b> New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.03	<b>INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -</b> New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.04	<b>INSTALL NEW CEDAR SHAKE ROOF SYSTEM -</b> New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.05	<b>INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -</b> New Barrel Clay/Cement Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.06	<b>INSTALL SLATE TILE ROOF SYSTEM -</b> New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.07	<b>ADD/DEDUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -</b> Install Self-Adhering Underlayment on Entire Roof Deck	SF	
<b>17.00</b>	<b>FULLY ADHERED SINGLE-PLY ROOF SYSTEMS</b>		
<b>17.01</b>	<b>METAL DECK - SINGLE-PLY APPLICATION</b>		
17.01.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	SF
<b>17.02</b>	<b>WOOD/TECTUM DECK - SINGLE-PLY APPLICATION</b>		

17.02.01	<b>INSULATION OPTION:</b>	WOOD DECK: Mechanically Fasten Polyisocyanurate / Adhere Treated 1/2" Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.02.02	<b>INSULATION OPTION:</b>	TECTUM DECK: Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.02.03	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>17.03</b>	<b>LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION</b>			
17.03.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.03.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>17.04</b>	<b>CONCRETE DECK - SINGLE-PLY APPLICATION</b>			
17.04.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.04.02	<b>INSULATION OPTION:</b>	Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
<b>17.05</b>	<b>ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation</b>			
17.05.01	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	<b>SF</b>	
17.05.02	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	<b>SF</b>	
17.05.03	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	<b>SF</b>	
17.05.04	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	<b>SF</b>	
17.05.05	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	<b>SF</b>	
17.05.06	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	<b>SF</b>	
17.05.07	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	<b>SF</b>	
17.05.08	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	<b>SF</b>	
17.05.09	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	<b>SF</b>	
17.05.10	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	<b>SF</b>	
17.05.11	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
17.05.12	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	<b>SF</b>	
17.05.13	<b>INSTALLATION OPTION:</b>	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	<b>SF</b>	
17.05.15	<b>WARRANTY CHARGES:</b>	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 17.05 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
17.05.16	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 15 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	

17.05.17		WARRANTY UPCHARGE:	Add to provide coverage for a 20 Year Labor & Material Warranty with No Dollar Limitations	SF	
17.05.18		WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
18.00	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS</b>				
18.01	<b>POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)</b>				
18.01.01		FLUID APPLIED MEMBRANE SYSTEM:	Two Coat System	SF	
18.01.02		FLUID APPLIED MEMBRANE SYSTEM:	Three Coat System	SF	
18.01.03		FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF	
18.01.04		FLUID APPLIED MEMBRANE SYSTEM:	Four Coat Reinforced System	SF	
18.01.05		WARRANTY CHARGES:	5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.01	SF	
18.01.06		WARRANTY CHARGES:	10 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.01	SF	
18.02	<b>POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE</b>				
18.02.01		FLUID APPLIED MEMBRANE SYSTEM:	Two Coat System	SF	
18.02.02		FLUID APPLIED MEMBRANE SYSTEM:	Three Coat System	SF	
18.02.03		FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF	
18.02.04		FLUID APPLIED MEMBRANE SYSTEM:	Four Coat Reinforced System	SF	
18.02.05		WARRANTY CHARGES:	5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.02	SF	
18.02.06		WARRANTY CHARGES:	10 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.02	SF	
18.03	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS &amp; PREPARATION</b>				
18.03.01	<b>CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation			SF	
18.03.02	<b>CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation			SF	
18.03.03	<b>CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation			SF	
18.03.04	<b>CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement			SF	
18.03.05	<b>CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement			SF	
18.03.06	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation			SF	
18.03.07	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement			SF	
18.03.08	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement			SF	
18.03.09	<b>GRINDING</b> Grind an existing coating			SF	
18.03.10	<b>HANDHELD GRINDING</b> Grind an existing coating in areas that only can be done by hand			SF	
18.03.11	<b>MILLING</b> Mill an existing coating 1/8 inch to 1/4 inch			SF	
18.03.12	<b>PRESSURE WASHING - HORIZONTAL</b> Pressure washing horizontal surfaces with 2000 PSI or greater			SF	
18.03.13	<b>PRESSURE WASHING - VERTICAL</b> Pressure washing horizontal surfaces with 2000 PSI or greater			SF	
18.03.14	<b>SAND BLASTING</b> Sand blast an existing coating			SF	
18.03.15	<b>SHOT BLASTING</b> Shot blast an existing coating			SF	
18.04	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS &amp; SURFACE PREPARATION</b>				
18.04.01	<b>STRUCTURAL EXPANSION JOINT</b> Installation or replacement of an expansion joint that is necessary for structural integrity			LF	

18.04.02	<b>CAULKING JOINTS</b> Installation of caulking in joints. See caulking chart		LF	
18.04.03	<b>ROUTING AND REMOVAL OF EXISTING CAULK</b> Rout and remove of existing caulk out of expansion joints		LF	
18.04.04	<b>EPOXY INJECTION FOR CRACK REPAIR</b> Route cracks, drill holes every 18" inches, and inject and seal with epoxy		LF	
18.04.05	<b>TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS</b>		LF	
18.04.06	<b>WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT</b>		SF	
<b>18.05</b>	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION &amp; SURFACING</b>			
18.05.01	<b>INSTALL REINFORCEMENT IN COATING SYSTEM</b> Installation of reinforcement adjustment of coverage rates to accommodate reinforcement		LF	
18.05.02	<b>BROADCAST GRANULES TO PROVIDE SKID RESISTANCE</b> Broadcast aggregate or granules to provide skid resistance in top coat		LF	
<b>19.00</b>	<b>WALL COATINGS FOR COATING WALL SYSTEMS</b>			
19.01	<b>ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
19.02	<b>ELASTOMERIC COATING FOR EFIS WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
19.03	<b>ELASTOMERIC COATING FOR CMU WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
19.04	<b>ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
<b>20.00</b>	<b>NEW FLASHINGS FOR ROOFING SYSTEMS &amp; RESTORATION OPTIONS</b>			
<b>20.01</b>	<b>ROOF FLASHINGS FOR MODIFIED &amp; COAL TAR PITCH ROOF SYSTEMS:</b> Minimum 1 Ply of Base Flashing and Mineral Cap Sheet Installed in Hot ASTM D 312 Type III or IV Asphalt			
20.01.01	<b>FLASHING OPTION:</b>	Separate Base & Top Ply: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF	
20.01.02	<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
20.01.03	<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
20.01.04	<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF	
20.01.05	<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	SF	
20.01.01	<b>FLASHING OPTION:</b>	Separate Base & Top Ply: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF	
20.01.02	<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	

20.01.03		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
20.01.04		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF	
20.01.05		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	SF	
20.01.06		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF	
20.01.07		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
20.01.08		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
20.01.09		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF	
20.01.10		FLASHING OPTION: BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	SF	
20.01.11	<b>PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE</b> Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application		SF	
20.01.12	<b>PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE</b> Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flashing Adhesive Application		SF	
<b>20.02</b>	<b>Torch Applied Flashings -</b> Minimum 1 Ply of Torch Base and Torch Mineral Cap Sheet; Torch Applied			
20.02.01	FLASHING OPTION:	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Torch Applied Flashing Ply - 80 lbf/inch tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 300 lbf/in Tensile Torch Applied Membrane	SF	
<b>20.03</b>	<b>Self-Adhering Flashings -</b> Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Self-Adhering			
20.03.01	FLASHING OPTION:	BASE PLY: SBS Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Flashing Ply - 50 lbf/ tensile (ASTM D 5147); TOP PLY: ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Membrane Type III - 130 lbf/in tensile	SF	

<b>20.04</b>	<b>Single-Ply Flashings - Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems</b>		
20.04.01	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	<b>SF</b>
20.04.02	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	<b>SF</b>
20.04.03	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	<b>SF</b>
20.04.04	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	<b>SF</b>
20.04.05	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	<b>SF</b>
20.04.06	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	<b>SF</b>
20.04.07	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	<b>SF</b>
20.04.08	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	<b>SF</b>
20.04.09	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	<b>SF</b>
20.04.10	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	<b>SF</b>
20.04.11	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>
20.04.12	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	<b>SF</b>
<b>21.00</b>	<b>METAL WALL PANEL SYSTEMS</b>		
	<b>WALL SYSTEM</b>		
<b>21.01</b>	<b>Exposed Fastener Wall Panel System</b>		
21.01.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	<b>SF</b>
21.01.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	<b>SF</b>
21.01.03	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Aluminum	<b>SF</b>
21.01.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 36" Wide Panels	<b>SF</b>
21.01.05	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	<b>SF</b>
21.01.06	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>
21.01.07	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>
21.01.08	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>
21.01.09	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>
21.01.10	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 36" Wide Panels	<b>SF</b>
21.01.11	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 36" Wide Panels	<b>SF</b>
21.01.12	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Stainless Steel	<b>SF</b>
21.01.13	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz., 36" Wide Panels	<b>SF</b>
21.01.14	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz., 36" Wide Panels	<b>SF</b>
21.01.15	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Copper	<b>SF</b>
21.01.16	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 36" Wide Panels	<b>SF</b>
21.01.17	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 36" Wide Panels	<b>SF</b>
21.01.18	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Zinc	<b>SF</b>
21.01.19	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	<b>SF</b>
21.01.20	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	<b>SF</b>
21.01.21	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	<b>SF</b>

21.01.22	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	SF	
21.01.23	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	SF	
21.01.24	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Plywood; No Insulation	SF	
<b>WALL SYSTEM</b>				
21.02	Concealed Fastener Wall Panel System - 12" Wide Panels			
21.02.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	SF	
21.02.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum, 0.040" Aluminum	SF	
21.02.03	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	SF	
21.02.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	SF	
21.02.05	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.06	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.07	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.08	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga Thickness	SF	
21.02.09	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga Thickness	SF	
21.02.10	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz Thickness	SF	
21.02.11	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz Thickness	SF	
21.02.12	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032" Thickness	SF	
21.02.13	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040" Thickness	SF	
21.02.14	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	SF	
21.02.15	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	
21.02.16	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	
21.02.17	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Plywood; No Insulation	SF	
21.02.18	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	SF	
21.02.19	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	SF	
21.02.20	<b>PANEL TYPE OPTION:</b>	Add for Factory Insulated Concealed Fastener Wall Panel	SF	
<b>AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONRY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)</b>				
21.03.01	<b>Non-Permeable Option:</b>	Fluid Applied System - ASTM 2178	SF	
21.03.02	<b>Non-Permeable Option:</b>	Fluid Applied Water Based System - ASTM 2178	SF	

21.03.03	<b>Non-Permeable Option:</b>	Membrane System - ASTM E 2178	<b>SF</b>	
21.03.04	<b>Permeable Option:</b>	Fluid Applied System - ASTM E 2178 & ASTM E 96	<b>SF</b>	
21.03.05	<b>Permeable Option:</b>	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	<b>SF</b>	
21.03.06	<b>Permeable Option:</b>	Membrane System - ASTM 2178 & ASTM E 96	<b>SF</b>	
<b>21.04</b>	<b>INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)</b>			
21.04.01	<b>Insulation Option:</b>	1" Rock Wool Insulation Installed	<b>SF</b>	
21.04.02	<b>Insulation Option:</b>	2" Rock Wool Insulation Installed	<b>SF</b>	
21.04.03	<b>Insulation Option:</b>	3" Rock Wool Insulation Installed	<b>SF</b>	
21.04.04	<b>Insulation Option:</b>	4" Rock Wool Insulation Installed	<b>SF</b>	
21.04.05	<b>Insulation Option:</b>	1" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.04.06	<b>Insulation Option:</b>	2" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.04.07	<b>Insulation Option:</b>	3" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.04.08	<b>Insulation Option:</b>	4" Extruded Polystyrene Insulation Installed	<b>SF</b>	
<b>22.00</b>	<p><b>JOB SITE SPECIFIC MULTIPLIERS</b></p> <p>The multipliers are applied to all line items in total (unless the contrary is specifically identified in the description) for the project because the conditions they address effect overall labor production, construction complexity and/or equipment requirements. Multiple Job Site Specific Multipliers can be used on a single project, but they are not meant to compound on each other.</p> <p><b>For Reference: Attachment B Pricing in this IFB is for material, equipment, tools, labor and supervision necessary to install the line item. It is based upon a 200 - 300 square roofing project that is being performed on a box- or rectangular-shaped building. It is also assumed that the project will have only one roof level that is not more than 20 ft high from the ground. The roof is anticipated to have clear access point and minimal penetrations/obstructions. It is also based upon a 200 - 300 square masonry, wall panel or waterproofing project. The exterior sides of the building are assumed to be box- or rectangular- shaped with minimal doors, windows, penetrations or obstructions. It is anticipated that the sides of the building will have clear tie-off points and easy to access while work is being performed.</b></p>			
22.01	<p><b>MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS</b></p> <p>Multiplier is applied when labor production is effected by roof or building access. Situations that can cause roof access to be more difficult include, but are not limited to: no access for lifts or cranes, access is dependent upon road closure, access point requires the closure of a building entrance, roof level is not accessible from the ground, roof area is interior to adjacent roofs or roof materials and materials and equipment must be loaded to one roof area and carried to another roof area, roof materials and equipment must be carried to the roof through an interior building access point, no or limited staging areas on the ground, etc.</p>		%	
22.02	<p><b>MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR WALLS</b></p> <p>Multiplier is applied when labor production is effected daily by the lost time in getting through security or getting access to the job site. Situations include, but are not limited to clearing each employee and all tools through metal detectors, passing through security gates with vehicles, tradespeople and equipment, stringent background checks or higher clearance levels, etc.</p>		%	
22.03	<p><b>MULTIPLIER - MULTIPLE MATERIAL STAGINGS</b></p> <p>Multiplier is applied when labor production is effected by the time it takes to stage a roof multiple times. Situations include, but are not limited to staging materials to perform work on multiple roof levels, planned shutdowns and restarts, portion of the job is over sensitive work areas requiring staging from more than one point, etc.</p>		%	
22.04	<p><b>MULTIPLIER - ACCELERATED SCHEDULE</b></p> <p>Multiplier is applied when increased labor burdens are required due to an accelerated work schedule. Situations include, but are not limited to requiring multiple concurrent trade crews beyond what is normally expected for project size, work to be performed on two (back-to-back) shifts, work requires larger than standard crew sizes, etc.</p>		%	
22.05	<p><b>MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS</b></p> <p>Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.</p>		%	
22.06	<p><b>MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS</b></p> <p>Multiplier is applied when labor production is effected a large number of roof penetrations, a limited amount of open roof areas or low overhead clearance requiring more hand work. Situations include, but are not limited to rooftop penetrations like: soil stacks, sky lights, roof drains, exhaust vents, HVAC equipment, etc. or rooftop obstructions such as: pipes, duct work, electrical wires, hoses or raised equipment, etc.</p>		%	
22.07	<p><b>MULTIPLIER - CLEARANCE RESTRICTIONS REQUIRE WORKING FROM KNEE-LEVEL OR BELOW (APPLIES TO ONLY THE EFFECTED ROOF AREA)</b></p> <p>Multiplier is applied when labor production is effected by height restrictions. Situations that can cause low overhead clearance requiring more hand work include, but are not limited to rooftop equipment.</p>		%	
22.08	<p><b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES</b></p> <p>Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 2 stories, but are less than or equal to an estimated 5 stories. Additional roof height can require increased safety requirements, larger lift equipment, tie-offs, etc.</p>		%	
22.09	<p><b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN OR EQUAL TO 100 FT</b></p> <p>Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 5 stories, but are less than or equal to an estimated 10 stories. Additional roof height can require increased safety requirements, larger crane equipment, tie-offs, etc.</p>		%	
22.10	<p><b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 100 FT</b></p> <p>Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 10 stories. Additional roof height can require increased safety requirements, larger crane equipment, tie-offs, etc.</p>		%	

22.11	<b>MULTIPLIER - WALL COATING, MASONRY REPAIRS OR WATERPROOFING REQUIRES A SWING STAGE</b> Multiplier is applied when labor production is effected by the requirement to use a swing stage. This multiplier applies to wall coatings, masonry repairs or waterproofing work that requires the use of a swing stage.		
22.12	<b>MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE</b> Multiplier is applied when labor production is effected because the roof area is not a box- or rectangular-shaped. Situations considered to be non-standard architecture can include, but are not limited roof areas that contains sharp angles and/or curves, have multiple roof area dividers or expansion joints, long and narrow	%	
22.13	<b>MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE</b> Multiplier is applied when Roof Area has a Greater than 4/12 Slope, Steeper slope reduces overall labor production and requires additional safety precautions.	%	
22.14	<b>MULTIPLIER - ROOF HAS GREATER THAN 8/12 SLOPE</b> Multiplier is applied when Roof Area has a Greater than 8/12 Slope; Very steep slopes have a greater impact on overall labor production and require additional safety precautions.	%	
22.15	<b>MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF</b> Multiplier is applied when Roof Size is less than 500 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.16	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 500 SF, BUT LESS THAN 1,000 SF</b> Multiplier is applied when Roof Size is greater than 500 SF, but less than 1,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.17	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF</b> Multiplier is applied when Roof Size is greater than 1,000 SF, but less than 2,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.18	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF</b> Multiplier is applied when Roof Size is greater than 2,000 SF, but less than 3,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.19	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF</b> Multiplier is applied when Roof Size is greater than 3,000 SF, but less than 5,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	%	
22.20	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF</b> Multiplier is applied when Roof Size is greater than 5,000 SF, but less than 10,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	%	
22.21	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF</b> Multiplier is applied when Roof Size is greater than 10,000 SF, but less than 20,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across more of an average roof area resulting in fixed costs being a slightly larger portion of the overall job costs	%	
22.22	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 30,000 SF, BUT LESS THAN 50,000 SF</b> Multiplier is applied when Roof Size is greater than 30,000 SF, but less than 50,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a larger than average roof area resulting in fixed costs being a lower portion of the overall job costs	%	
22.23	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 50,000 SF, BUT LESS THAN 100,000 SF</b> Multiplier is applied when Roof Size is greater than 50,000 SF, but less than 100,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a large roof area resulting in fixed costs being a small impact on the overall job costs	%	
22.24	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 100,000 SF, BUT LESS THAN 200,000 SF</b> Multiplier is applied when Roof Size is greater than 100,000 SF, but less than 200,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across larger roof area resulting in fixed costs being a slight impact on the overall job costs	%	
22.25	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 200,000 SF</b> Multiplier is applied when Roof Size is greater than 200,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across very large roof area resulting in fixed costs being a minimal impact on the overall job costs	%	

<b>Cleaning &amp; Caulking</b>			
23.01	Pressure Wash to Clean Horizontal Surfaces	SF	
23.02	Pressure Wash to Clean Vertical Surfaces	SF	
23.03	Pressure Wash with TSP or Simple Green to Clean Horizontal Surfaces	SF	
23.04	Pressure Wash with TSP or Simple Green to Clean Vertical Surfaces	SF	
23.05	Use a Brush to Wash Surface with TSP or Simple Green to Clean Horizontal Surfaces	SF	
23.06	Use a Brush to Wash Surface with TSP or Simple Green to Clean Vertical Surfaces	SF	
23.07	Prime Existing Asphalt-Based Roof Surface	SF	
23.08	Blow-Off Surface Area with Portable Blower to Remove Moisture	SF	
23.09	Spud and Scrape Aggregate from Roof Surface Asphalt BUR (Size Reference: 100' X 12")	SF	
23.10	Spud and Scrape of Aggregate from Roof Surface Coal Tar BUR (Size Reference: 100' X 12")	SF	
23.11	Remove & Dispose Loose Aggregate from Roof Surface (Wet Vac)	SF	
23.12	Power Broom Roof Surface	SF	
23.13	Remove & Dispose Ballast from Roof Surface	SF	
23.14	Remove & Dispose Ballast from Roof Surface at Approved Disposal Site	SF	
23.15	Remove Ballast from Roof Surface & Save for Reuse	SF	
23.16	Scrape / Sand Loose Paint from Exterior Building Surfaces and Clean-Up Debris	SF	
23.17	Sandblasting Paint from Exterior Building Surfaces and Re-Claim Sand	SF	
23.18	Apply Coating (Paint) to Horizontal Surface	SF	
23.19	Apply Coating (Paint) to Vertical Surface	SF	
23.20	Caulking: Remove Existing Caulking & Clean and Prime Joint	LF	
23.21	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter	LF	
23.22	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF	
23.23	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/4" Diameter	LF	
23.24	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1" Diameter	LF	
<b>Masonry section</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.25	Remove and Reset Bricks; 1-50 SF	SF	
23.26	Remove and Reset Bricks; Over 50 SF	SF	
23.27	Remove and Reset Blocks	SF	
23.28	Remove and Reset Coping Stones	Each	
23.29	Remove Bricks, Blocks, Coping Stones; 1-50 SF	SF	
23.30	Remove Bricks, Blocks, Coping Stones; Over 50 SF	SF	
<b>Brick, block and brick exterior wall maintenance, repair and application of protective coatings.</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.31	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise)	Each	
23.32	Selective Demolition of Brick Masonry Units with perimeter saw cutting	SF	
<b>Selective Demolition of Mortar Joint with Perimeter Saw cutting</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.33	Removal of existing mortar ( 1/2" wide by 3/4" depth)	SF	
23.34	Removal of existing mortar (3/4" wide by 3/4" depth)	SF	
23.35	Removal of existing mortar (1/2" wide by 1 1/2" depth)	SF	
23.36	Removal of existing mortar (3/4" wide by 1 1/2" depth)	SF	
<b>New Pointing Work</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.37	Furnish and install new mortar (1/2" wide by 3/4" depth)	SF	
23.38	Furnish and install new mortar (3/4" wide by 3/4" depth)	SF	
23.39	Furnish and install new mortar (1/2" wide by 1 1/2" depth)	SF	
23.40	Furnish and install new mortar (3/4" wide by 1 1/2" depth)	SF	
<b>Removal of Roof Parapets</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.41	Removal of parapet wall (24" high)	SF	
23.42	Removal of parapet wall (42" high)	SF	
23.43	Removal of parapet wall (24" high)	SF	
23.44	Removal of parapet wall (42" high)	SF	
<b>Reconstruction of Brick Masonry Roof Parapets</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.45	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.46	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
23.47	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.48	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
<b>New Through wall Flashings</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.49	Removal of 4 courses brick wall w/Temporary Shoring	SF	
23.50	Removal and replacement of steel lintel	SF	
23.51	Furnish and install new flashings (Bituthane)	SF	
23.52	Furnish and install new flashings (Lead coated copper)	SF	
23.53	Furnish and Install New Brick Masonry w/Weep Holes and Screens	SF	
23.54	Parging and waterproofing of back-up wall	SF	

<b>Roof Coping Stones.</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.55	Removal of existing roof coping stones (16 inches)	SF	
23.56	Removal and parging of existing substrate	SF	
23.57	Furnish and install new lead coated copper flashings	SF	
23.58	Drilling and epoxy grouting stainless steel pins	SF	
23.59	Reinstallation of existing stones with cleaning	SF	
23.60	Furnish and install new coping stones	SF	
23.61	Furnish and install new sealants between coping stones.	SF	
23.62	Cleaning and coating of existing stones.	SF	
<b>CMU Backup Wall Repair and Waterproofing.</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.63	Replacement of Deteriorated CMU Back-up	SF	
23.64	Parging of CMU back-up wall	SF	
23.65	Waterproofing of back-up wall	SF	
<b>Crack Repair</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.66	Drill and install new stainless steel pins.	Each	
23.67	Grouting of open cracks	SF	
23.68	Replacement of cracked bricks	SF	
<b>New Concrete and Coating</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.69	Placement of new high strength patching mortar (2" depth)	SF	
23.70	Placement of new high strength patching mortar (3.5" depth).	SF	
23.71	Cleaning and coating of concrete surface.	SF	
23.72	Sidewalk Bridging.	SF	
23.73	Temporary Roof Protection	SF	
<b>Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.74	Install & Connect new 4" roof drain & Flashing; Excluding Plumbing	EA	
23.75	Install & Connect new 6" roof drain & Flashing; Excluding Plumbing	EA	
23.76	Install & Connect new 8" roof drain & Flashing; Excluding Plumbing	EA	
23.77	Pitch pocket, 24 gauge, GI, 12" x 12", with storm collar, hemmed to outside, soldered corners and seams	EA	
23.78	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	EA	
23.79	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	EA	
23.80	Plumbing stack, 16 oz. copper flashing	EA	
23.81	Plumbing stack, 24 gad Zinc flashing	EA	
23.82	Plumbing stack, 4# lead flashing	EA	
23.83	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight	EA	
23.84	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners	EA	
23.85	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit	EA	
23.86	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit	EA	
23.87	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds	EA	
23.88	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit	EA	
23.89	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight	EA	
23.90	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit	EA	
23.91	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler	EA	
23.92	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	
23.93	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit	EA	
23.94	Installation of Roof Curbs 2" X 4"	LF	
23.95	Installation of Roof Curbs 2" X 6"	LF	
23.96	Installation of Roof Curbs 2" X 8"	LF	
23.97	Installation of Coping/Edge Nailers 2" X 4"	LF	
23.98	Installation of Coping/Edge Nailers 2" X 6"	LF	
23.99	Installation of Coping/Edge Nailers 2" X 8"	LF	
23.100	Installation of Coping/Edge Nailers 2" X 10"	LF	
23.101	Installation of Coping/Edge Nailers 2" X 12"	LF	
23.102	Installation of Coping/Edge Nailers 2" X 14"	LF	
23.103	Installation of Coping/Edge Nailers 2" X 16"	LF	
23.104	Provide a cast iron drain strainer	EA	
23.105	Reflash existing roof drain	EA	
23.106	Scupper, .050 Aluminum, match existing configuration	LF	
23.107	Scupper, 16 oz Copper, match existing configuration	LF	
23.108	Scupper, 20 gad Stainless Steel, match existing configuration	LF	
23.109	Sleeper Cap - 24 Gad Galvanized	LF	
<b>Roof Accessories</b>		<b>UNIT</b>	<b>\$ per Unit</b>

23.110	Walkway Pads		
23.111	30" wide roll goods, tape attached	EA	
23.112	30" wide roll, hot asphalt attached	EA	
23.113	30" wide roll, adhesive attached	EA	
23.114	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	
23.115	Roof ladder, security ladder guard	EA	
23.116	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code	EA	
23.117	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	EA	
23.118	Roof ventilators	EA	
23.119	Termination bar, aluminum, 1/4" x 1"	LF	
<b>Common Roof Repair Items</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.120	3-Course Application; Mastic-Mesh-Mastic; 15" Wide Total; 12" Wide Mesh	LF	
23.121	3-Course Application; Mastic-Mesh-Mastic; 9" Wide Total; 6" Wide Mesh	LF	
23.122	3-Course Application; Urethane-Reinforcement-Urethane (< 500 SF)	SF	
23.123	3-Course Application; Urethane-Reinforcement-Urethane (> 500 SF)	SF	
23.124	Install Self-Adhering Cap Sheet Over Repair Area (< 500 SF)	SF	
23.125	Install Self-Adhering Cap Sheet Over Repair Area (> 500 SF)	SF	
23.126	Torch Cap Sheet Over Repair Area (< 500 SF)	SF	
23.127	Torch Cap Sheet Over Repair Area (> 500 SF)	SF	
23.128	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (< 500 SF)	SF	
23.129	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (> 500 SF)	SF	
<b>Leak Response &amp; Preventive Maintenance</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.153	Leak Response Work Order Tracking & Dispatch	EA	
23.154	Leak Response Completion Report with Back-Up	EA	
23.155	Preventive Maintenance (Single Campus - All Roof Sections)	SF	
23.156	Preventive Maintenance (Multiple Campuses City-/County-wide - All Roof Sections)	SF	
23.157	Preventive Maintenance (Multiple Campuses State-wide - All Roof Sections)	SF	
23.155	Preventive Maintenance Performed Concurrent with Visual Inspection (Single Campus - All Roof Sections)	SF	
23.156	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses City-/County-wide - All Roof Sections)	SF	
23.157	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses State-wide - All Roof Sections)	SF	
23.158	Preventive Maintenance Completion Report with Back-Up	EA	
<b>Equipment</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.159	Forklift/Manlift Equipment Rental	DAY	
23.160	Crane Equipment Rental - up to 80'	DAY	
23.161	Crane Equipment Rental - up to 150'	DAY	
23.162	Manlift per day	DAY	
23.163	Skytrack	DAY	
23.164	Additional Equipment (rental) % off published price	%	
<b>Other Services</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.165	Demobilization - Pre-Planned or Additional Un-planned	EA	
23.166	Remobilization - Pre-Planned or Additional Un-planned	EA	
<b>Additional repair options</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.167	Option 1: Cost of Quote Plus Mark-Up (Used when repair and installation services line item pricing is not available and services performed are to be performed by a contractor. Requires a quote on corporate letterhead that cannot exceed \$25,000) Cost plus added to quote	%	
23.168	Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available) Cost plus added to catalog pricing	%	
<b>Catalog Pricing</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.169	Please provide a price list with your complete material catalog(s) - A manufacturers catalog can be used. You may provide a net-price or a catalog with a discount.		
<b>Green Roofing</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.170	Please provide your green environmentally friendly roofing options, please provide as much information as possible to include line items necessary to complete a green roof		

**Sheet Metal Accessories Covered Under these Pricing Tables:**

- Drip Edge
- Gravel Stop
- Gutters, Straps, Hangers & Fasteners
- Coping
- Surface Mounted Counter Flashing
- Reglet Mounted Counter Flashing
- Skirt Flashing
- Expansion Joints
- Miscellaneous Metal Fabricated Details

**Aluminum**

Size / Gauge	.032	.040	.050	.063
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
<b>Price Per Bend</b>				

**Stainless Steel & Copper**

Size / Gauge / Thickness	SS 24 Ga	SS 26 Ga	Copper 16 oz	Copper 20 oz
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				

**Kynar Coated Steel**

Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				

22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				

<b>Galvanized Steel</b>				
Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				

44"				
46"				
48"				
Price Per Bend				

**Caulking Chart pricing per Linear Foot Installed**  
**2 Component Epoxied Urethane Compound**

Joint Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**Caulking Chart pricing per Linear Foot Installed**  
**1 Component Polyurethane**

Joint Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**Caulking Chart pricing per Linear Foot Installed**  
**1 Component Silicone Rubber**

Joint Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**Line Item Multiplier to Adjust Labor Costs Based Upon the Prevailing Wage Rate.  
Prevailing wage found at <http://www.wdol.gov/dba.aspx#0>**

Journeyman Prevailing Wage Rate	Multiplier for Prevailing Wage Rates		
	Rofer	Mason	Sheet Metal
\$10.00			
\$12.50			
\$15.00			
\$17.50			
\$20.00			
\$22.50			
\$25.00			
\$27.50			
\$30.00			
\$32.50			
\$35.00			
\$37.50			
\$40.00			
\$42.50			
\$45.00			
\$47.50			
\$50.00			
\$52.50			
\$55.00			
\$57.50			
\$60.00			
\$62.50			
\$65.00			
\$67.50			
\$70.00			
\$72.50			
\$75.00			
\$77.50			
\$80.00			
\$82.50			
\$85.00			
\$87.50			
\$90.00			
\$92.50			
\$95.00			
\$97.50			
\$100.00			
\$102.50			
\$105.00			
\$107.50			
\$110.00			
\$112.50			
\$115.00			
\$117.50			
\$120.00			

## Attachment D – Experience Record

### PUBLIC ENTITY PAST PERFORMANCE PROJECT EXAMPLES THAT ILLUSTRATE BIDDER’S QUALIFICATIONS FOR THIS CONTRACT

Bidder’s shall complete this Experience Record which entails submitted this form for two (2) turn-key roofing or waterproofing projects for public agencies in twenty-five (25) states; totaling fifty (50) projects. Projects shall meet the requirements outlined in the IFB. Use additional space as necessary.

**Bidder must answer all questions completely and all information must be clear, accurate, and comprehensive. If all fields are not completed, the Bid is at risk for being rejected due to non-responsiveness. It is not acceptable to indicate “See Attached”.**

Project Title:	
Example Project Number:	Project Location (City & State):
Public Agency who Owned the Contract:	Point of Contact at Public Agency (Name, Title, Working Phone Number, & Working E-mail Address) who can be reached and would be knowledgeable about the Project:
Performance & Payment Bond #:	Surety Company:
Project Size (Sq. Ft.):	Start & End Dates of Contract (to include original End Date as specified in the original Contract and Final End Date) – if applicable, include why project was delayed:
Types of Roofing System Components:	Original and Final Contract Amount – if applicable, include why Final Contract Amount was different:
Brief Description of the Project to include Examples of its Relevance to this IFB:	
Prime Contractor Name & Location (City & State):	If applicable, State License #:
Subcontractor(s) Name & Location (City & State):	If applicable, State License #(s):

**ADDENDUM 1**  
**INVITATION FOR BID**  
**Roofing Supplies and Services, Waterproofing, and Related Products and**  
**Services**  
**Bid # PW-1925**

This Addendum has been prepared by:  
Racine County  
Duane McKinney  
Date: Friday, August 23, 2019

To the Bidder of Record:

This Addendum is issued as stated in the original Invitation for Bid on page 3 in section A.1. to address questions received from vendors requesting clarification from Racine County on the specifications provided for the above subject proposal. Also, this Addendum, applicable to work referenced above, is an amendment to the Bid Form and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided below.

Clarifications

1. Exhibit B – Administration Agreement, Example in Attachment B – Requirements for National Cooperative Contract is replaced in this Addendum to utilize an updated version.
2. Attachment C – Bid Form is replaced in this Addendum to modify and add items outlined in Questions and Answers #6, 7, and 8, located below.

Questions and Answers

1. Question:  
Are there any local prevailing wage determinations that bidder's should you as the basis of cost for Attachment C - Bid Form?

*Answer:*

*Yes, Bidder's are to follow prevailing wage determinations applicable in the locality for each craft or type of worker needed to perform the work outlined in this IFB. See Changes to the Specifications #2 included in this Addendum.*

2. Question:  
Is there a Microsoft Excel version of the Attachment C - Bid Form that bidder's can use to fill-out their pricing submission?

*Answer:*

*Yes, the Excel version will be posted on Racine County's website. Bidder's are not to change the spreadsheet formatting.*

3. Question:  
Will Racine County, WI accept an installation floater in the minimum amount equal to the "full insurable value" of such equipment and 100% of the value of the Contract in lieu of a Builder's "All Risk" Insurance policy?

*Answer:*

*Yes. See Changes to the Specifications #1 included in this Addendum.*

4. Question:  
Under C.4. the Alternative Costing Method, the procedure described seems to determine the basis of cost for goods and services not covered in the pricing schedule or are costumed designed. There is also a requirement for a discount. However, there does not appear to be an allowance in the procedure for overhead and profit. Is the intent for the bidder to provide a discount on the bidder's direct cost, which essentially means taking a loss on anything additional goods and services required throughout delivery on the resulting master agreement?

*Answer:*

*No, the intent is to ensure the successful Contractor is providing competitive pricing on goods and services not covered in the Pricing Schedule. The successful Contractor is permitted to include any additional necessary costs to the most advantageous cost proposal for all labor, equipment, material, tools, supplies, and incidentals necessary to complete all work required by the Contract resulting from this IFB.*

5. Question:  
Attachment C - Bid Form pricing schedule items numbers, 1.40.02 & 23.168, both reference R.S. Means or Gordian Group Catalogs to be used when line items are not available.
- Is this procedure additional to the alternative costing method provided in C.4.?
  - Does the percentage filled-in by the bidder get applied to the catalog price or the catalog price adjusted to the local market (i.e. net the local market adjustment factor)?

*Answer:*

*The alternative costing method provided in C.4. is only for the successful Contractor for goods and services not covered in the Pricing Schedule; this includes items not covered in line items 1.40.02 and 23.169. For line items 1.40.02 and 23.168, the percentage filled-in by the Bidder is to be the percentage that is applied to the catalog price.*

6. Question:  
For the following item, Item 1.29, in Attachment C - Bid Form, can you confirm the unit sizes that are to be used? EA or \_\_\_\_?

*Answer:*

*The unit for item 1.29 in Attachment C is EA. See Changes to the Specifications #4 included in this Addendum.*

7. Question:  
For the following group of items under line Item 12.05.03, two membrane options appear to be missing when compared to the other sections. If the bidder would like to propose on these options, should we include a separate file?

- a. ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 500 lbf/in tensile
- b. ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 600 lbf/in tensile

*Answer:*

*See Changes to the Specifications #4 included in this Addendum.*

8. Question:  
For the following item, Item 18.05.02 – The pricing column for just that line item is highlighted gray. Should the bidder ignore the color and submit a price?

*Answer:*

*See Changes to the Specifications #4 included in this Addendum.*

9. Question:  
Does the bidder have the option to submit additional line item pricing for items that are unique to the bidder?

*Answer:*

*Yes, see Section C. ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES SPECIFICATIONS, item #5 PRICE LIST FOR ADDITIONAL PRODUCTS.*

10. Question:

By agreeing to the federal funding requirements set out in Attachment B, Exhibit D, is the bidder agreeing to follow these requirements on all projects delivered through the master agreement or only when the projects involve Federal funding and/or are performed directing for a Federal government agency?

*Answer:*

*By agreeing to the Federal Funds Certifications, Exhibit D in Attachment B, the Bidder is agreeing to follow the requirements only when work, required by this Contract resulting from this IFB, involves federal funds from Federal and non-Federal entities.*

Changes to the Specifications

1. Page 6 – Section B. TERMS AND CONDITIONS, 2. INSURANCE, ii. Minimum Limits of Insurance:

Remove item 6., regarding Builder’s Risk, and replace with the following:

*6. Installation Floater: Physical Damage Insurance which insures Racine County and Public Agencies for damages to all Property Purchased for, or Assigned to, the Project commencing on the start date through completion. Policy limits shall be in the minimum amount equal to the full insurable value of such equipment and 100% of the value of the contract herewith. The policy form shall be an All Risk form and shall include coverage for both during transit and while stored at the work site.*

The remaining sections of Section B. TERMS AND CONDITIONS 2. INSURANCE, shall remain the same.

2. Page 11 – Section B. TERMS AND CONDITIONS

Insert the following to Section B. TERMS AND CONDITIONS:

*6. PREVAILING WAGE REQUIREMENTS*

*Contractor agrees to follow all prevailing wage determinations applicable to the locality for each craft or type of worker needed to perform the work of this Contract to include each County in the State of Wisconsin. Prevailing Wages for the State of Wisconsin are located at <http://dwd.wisconsin.gov/PrevailingWageSearch/PrevailingWage/SearchByCounty?Length=14> and incorporated by reference herein.*

The remaining sections of Section B. TERMS AND CONDITIONS shall remain the same.

3. Page 31 – Attachment B - REQUIREMENTS FOR NATIONAL COOPERATIVE CONTRACT TO BE ADMINISTERED BY OMNIA PARTNERS, Exhibit B – Administration Agreement, Example

Remove Exhibit B – Administration Agreement, Example from Attachment B – REQUIREMENTS FOR NATIONAL COOPERATIVE CONTRACT TO BE ADMINISTERED BY OMNIA PARTNERS in its entirety and replace with the revised version included in this Addendum. This is the version Bidder’s should use when submitting a bid for this project.

4. Page 80 – Attachment C – Bid Form

Remove Attachment C – Bid Form in its entirety and replace with the revised version included in this Addendum. This is the version Bidder’s should use when submitting a bid for this project.

This Addendum is sixty-six (66) pages in its entirety, including Attachments.

Attachments:

*Exhibit B – Administration Agreement, Example (from Attachment B - REQUIREMENTS FOR NATIONAL COOPERATIVE CONTRACT TO BE ADMINISTERED BY OMNIA PARTNERS) – Eleven (11) pages*

*Attachment C – Bid Form – Forty (40) pages*

**Please sign, date and attach a copy of this Addendum to your bid.**

Firm: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

EXHIBIT B

ADMINISTRATION AGREEMENT, EXAMPLE

---

**OMNIA**  
P A R T N E R S

**ADMINISTRATION AGREEMENT**

This ADMINISTRATION AGREEMENT (“Agreement”) is made as of \_\_\_\_\_, by and between National Intergovernmental Purchasing Alliance Company, a Delaware corporation d/b/a OMNIA Partners, Public Sector (“OMNIA Partners, Public Sector”) and \_\_\_\_\_ (“Supplier”).

**RECITALS**

WHEREAS, \_\_\_\_\_ (“Lead Public Agency”) has entered into a certain Master Agreement dated as of even date herewith, referenced as Agreement No. \_\_\_\_\_, by and between Lead Public Agency and Supplier (as amended from time to time in accordance with the terms thereof, the “Master Agreement”) for the purchase of \_\_\_\_\_ (the “Products and Services”);

WHEREAS, the Master Agreement provides that any state, county, city, special district, local government, school district, private K-12 school, technical or vocational school, higher education institution (including community colleges, colleges and universities, both public and private), other government agency or nonprofit organization (each a “Public Agency” and collectively, “Public Agencies”) may purchase Products and Services at the prices indicated in the Master Agreement upon prior registration with OMNIA Partners Public Sector, in which case the Public Agency becomes a “Participating Public Agency”;

WHEREAS, OMNIA Partners Public Sector has the administrative and legal capacity to administer purchases under the Master Agreement to Participating Public Agencies;

WHEREAS, OMNIA Partners Public Sector serves in an administrative capacity for Lead Public Agency and other lead public agencies in connection with other master agreements offered by OMNIA Partners Public Sector;

WHEREAS, Lead Public Agency desires OMNIA Partners Public Sector to proceed with administration of the Master Agreement on the same basis as other master agreements;

WHEREAS, OMNIA Partners Public Sector and Supplier desire to enter into this Agreement to make available the Master Agreement to Participating Public Agencies.

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement, OMNIA Partners Public Sector and Supplier hereby agree as follows:

## ARTICLE I

### GENERAL TERMS AND CONDITIONS

1.1 The Master Intergovernmental Cooperative Purchasing Agreement (“Master Agreement”), attached hereto as Exhibit A and incorporated herein by reference as though fully set forth herein, and the terms and conditions contained therein shall apply to this Agreement except as expressly changed or modified by this Agreement.

1.2 OMNIA Partners Public Sector shall be afforded all of the rights and privileges afforded to Lead Public Agency under the Master Agreement, and such rights and privileges shall accrue and apply with equal effect to OMNIA Partners Public Sector under this Agreement including, without limitation, Supplier’s obligation to provide insurance to Lead Public Agency.

1.3 Supplier shall perform all duties, responsibilities and obligations required under the Master Agreement.

1.4 OMNIA Partners Public Sector shall perform all of its duties, responsibilities and obligations as administrator of purchases under the Master Agreement as set forth herein, and Supplier acknowledges that OMNIA Partners Public Sector shall act in the capacity of administrator of purchases under the Master Agreement.

1.5 With respect to any purchases made by Lead Public Agency or any Participating Public Agency pursuant to the Master Agreement, OMNIA Partners Public Sector:

(a) shall not be construed as a dealer, re-marketer, representative, partner, or agent of any type of Supplier, Lead Public Agency or such Participating Public Agency;

(b) shall not be obligated, liable or responsible (i) for any orders made by Lead Public Agency, any Participating Public Agency or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement, or (ii) for any payments required to be made with respect to such order; and

(c) shall not be obligated, liable or responsible for any failure by a Participating Public Agency to (i) comply with procedures or requirements of applicable law or ordinance, or (ii) obtain the due authorization and approval necessary to purchase under the Master Agreement.

OMNIA Partners Public Sector makes no representations or guaranties with respect to any minimum purchases required to be made by Lead Public Agency, any Participating Public Agency, or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement.

## ARTICLE II

### TERM OF AGREEMENT

2.1 This Agreement is effective as of and shall terminate upon termination of the Master Agreement or any earlier termination in accordance with the terms of this Agreement, provided, however, that the obligation to pay all amounts owed by Supplier to OMNIA Partners Public Sector through the termination of this Agreement and all indemnifications afforded by Supplier to OMNIA Partners Public Sector shall survive the term of this Agreement.

## **ARTICLE III**

### **REPRESENTATIONS AND COVENANTS**

3.1 OMNIA Partners Public Sector views the relationship with Supplier as an opportunity to provide benefits to the Lead Public Agency, Public Agencies and Supplier. The successful foundation of the relationship requires certain representations and covenants from both OMNIA Partners Public Sector and Supplier.

3.2 **OMNIA Partners Public Sector' Representations and Covenants.**

(a) **Marketing.** OMNIA Partners Public Sector shall proactively market the Master Agreement to Public Agencies using resources available to it from time to time, which may include an national, regional and state-level sponsors. In addition, the OMNIA Partners Public Sector staff shall make commercially reasonable efforts to enhance Supplier's marketing efforts through meetings with Public Agencies, participation in key events and tradeshow and other marketing activity such as advertising, articles and promotional campaigns.

(b) **Training and Knowledge Management Support.** OMNIA Partners Public Sector shall provide support for the education, training and engagement of Supplier's sales force as provided herein. Through its staff (each, a "**Program Manager**" and collectively, the "**Program Managers**"), OMNIA Partners Public Sector shall, with scheduling assistance from Supplier, conduct training sessions and conduct calls jointly with Supplier to Public Agencies. OMNIA Partners Public Sector shall also provide Supplier with access to OMNIA Partners Public Sector's private intranet website which provides presentations, documents and information to assist Supplier's sales force in effectively promoting the Master Agreement.

3.3 **Supplier's Representations and Covenants.** Supplier hereby represents and covenants as follows in order to ensure that Supplier is providing the highest level of public benefit to Participating Public Agencies (such representations and covenants are sometimes referred to as "**Supplier's Commitments**") and are comprised of the Corporate Commitment, Pricing Commitment, Economy Commitment and Sales Commitment):

(a) **Corporate Commitment.**

(i) The pricing, terms and conditions of the Master Agreement shall, at all times, be Supplier's primary contractual offering of Products and Services to Public Agencies. All of Supplier's direct and indirect marketing and sales efforts to Public Agencies shall demonstrate that the Master Agreement is Supplier's primary offering and not just one of Supplier's contract options.

(ii) Supplier's sales force (including inside, direct and/or authorized dealers, distributors and representatives) shall always present the Master Agreement when marketing Products or Services to Public Agencies.

(iii) Supplier shall advise all Public Agencies that are existing customers of Supplier as to the pricing and other value offered through the Master Agreement.

(iv) Upon authorization by a Public Agency, Supplier shall transition such Public Agency to the pricing, terms and conditions of the Master Agreement.

(v) Supplier shall ensure that the OMNIA Partners Public Sector program and the Master Agreement are actively supported by Supplier's senior executive management.

(vi) Supplier shall provide a national/senior management level representative with the authority and responsibility to ensure that the Supplier's Commitments are maintained at all times. Supplier shall also designate a lead referral contact person who shall be responsible for receiving communications from OMNIA Partners Public Sector concerning new Participating Public Agency registrations and for ensuring timely follow-up by Supplier's staff to requests for contact from Participating Public Agencies. Supplier shall also provide the personnel necessary to implement and support a supplier-based internet web page dedicated to Supplier's OMNIA Partners Public Sector program and linked to OMNIA Partners Public Sector's website and shall implement and support such web page.

(vii) Supplier shall demonstrate in its procurement solicitation response and throughout the term of the Master Agreement that national/senior management fully supports the OMNIA Partners Public Sector program and its commitments and requirements. National/Senior management is defined as the executive(s) with companywide authority.

(viii) Where Supplier has an existing contract for Products and Services with a state, Supplier shall notify the state of the Master Agreement and transition the state to the pricing, terms and conditions of the Master Agreement upon the state's request. Regardless of whether the state decides to transition to the Master Agreement, Supplier shall primarily offer the Master Agreement to all Public Agencies located within the state.

(b) **Pricing Commitment.**

(i) Supplier represents to OMNIA Partners Public Sector that the pricing offered under the Master Agreement is the lowest overall available pricing (net to purchaser) on Products and Services that it offers to Public Agencies. Supplier's pricing shall be evaluated on either an overall project basis or the Public Agency's actual usage for more frequently purchased Products and Services.

(ii) Contracts Offering Lower Prices. If a pre-existing contract and/or a Public Agency's unique buying pattern provide one or more Public Agencies a lower price than that offered under the Master Agreement, Supplier shall match that lower pricing under the Master Agreement and inform the eligible Public Agencies that the lower pricing is available under the Master Agreement. If an eligible Public Agency requests to be transitioned to the Master Agreement, Supplier shall do so and report the Public Agency's purchases made under the Master Agreement going forward. The price match only applies to the eligible Public Agencies. Below are three examples of Supplier's obligation to match the pricing under Supplier's contracts offering lower prices.

(A) Supplier holds a state contract with lower pricing that is available to all Public Agencies within the state. Supplier would be required to match the lower state pricing under the Master Agreement and make it available to all Public Agencies within the state.

(B) Supplier holds a regional cooperative contract with lower pricing that is available only to the ten cooperative members. Supplier would be required to match the lower cooperative pricing under the Master Agreement and make it available to the ten cooperative members.

(C) Supplier holds a contract with an individual Public Agency. The Public Agency contract does not contain any cooperative language and therefore other Public Agencies are not eligible to utilize the contract. Supplier would be required to match the lower pricing under the Master Agreement and make it available only to the individual Public Agency.

(iii) Deviating Buying Patterns. Occasionally OMNIA Partners Public Sector and Supplier may interact with a Public Agency that has a buying pattern or terms and conditions that considerably deviate from the normal Public Agency buying pattern and terms and conditions, and causes Supplier's pricing under the Master Agreement to be higher than an alternative contract held by Supplier. This could be created by a unique end-user preference or requirements. In the event that this situation occurs, Supplier may address the issue by lowering the price under the Master Agreement on the item(s) causing the large deviation for that Public Agency. Supplier would not be required to lower the price for other Public Agencies.

(iv) Supplier's Options in Responding to a Third Party Procurement Solicitation. While it is the objective of OMNIA Partners Public Sector to encourage Public Agencies to piggyback on to the Master Agreement rather than issue their own procurement solicitations, the Parties recognizes that for various reasons some Public Agencies will issue their own solicitations. The following options are available to Supplier when responding to a Public Agency solicitation:

(A) Supplier may opt not to respond to the procurement solicitation. Supplier may make the Master Agreement available to the Public Agency as a comparison to its solicitation responses.

(B) Supplier may respond with the pricing, terms and conditions of the Master Agreement. If Supplier is awarded the contract, the sales would be reported as sales under the Master Agreement.

(C) If competitive conditions require pricing lower than the standard Master Agreement pricing, Supplier may submit lower pricing through the Master Agreement. If Supplier is awarded the contract, the sales would be reported as sales under the Master Agreement. Supplier would not be required to extend the lower price to other Public Agencies.

(D) Supplier may respond to the procurement solicitation with pricing that is higher (net to buyer) than the pricing offered under the Master Agreement. If awarded a contract, Supplier shall still be bound by all obligations set forth in this Section 3.3, including, without limitation, the requirement to continue to advise the awarding Public Agency of the pricing, terms and conditions of the Master Agreement.

(E) Supplier may respond to the procurement solicitation with pricing that is higher (net to buyer) than the pricing offered under the Master Agreement and if an alternative response is permitted, Supplier may offer the pricing under the Master Agreement as an alternative for consideration.

(c) Economy Commitment. Supplier shall demonstrate the benefits, including the pricing advantage, of the Master Agreement over alternative options, including competitive solicitation pricing and shall proactively offer the terms and pricing under the Master Agreement to Public Agencies as a more effective alternative to the cost and time associated with such alternate bids and solicitations.

(d) Sales Commitment. Supplier shall market the Master Agreement through Supplier's sales force or dealer network that is properly trained, engaged and committed to offering the Master Agreement as Supplier's primary offering to Public Agencies. Supplier's sales force compensation and incentives shall be greater than or equal to the compensation and incentives earned under other contracts to Public Agencies.

(i) Supplier Sales. Supplier shall be responsible for proactive sales of Supplier's Products and Services to Public Agencies and the timely follow-up to sales leads identified by OMNIA Partners Public Sector. Use of product catalogs, targeted advertising, direct mail, online marketing and other sales initiatives are encouraged. All of Supplier's sales materials targeted towards Public Agencies shall include the OMNIA Partners Public Sector logo. OMNIA Partners Public Sector hereby grants to Supplier, during the term of this Agreement, a non-exclusive, revocable, non-transferable, license to use the OMNIA Partners Public Sector name, trademark, and logo solely to perform its obligations under this Agreement, and for no other purpose. Any goodwill, rights, or benefits derived from Supplier's use of the OMNIA Partners Public Sector name, trademark, or logo shall inure to the benefit of OMNIA Partners Public Sector. OMNIA Partners Public Sector shall provide Supplier with its logo and the standards to be employed in the use of the logo. During the term of the Agreement, the Supplier shall provide OMNIA Partners Public Sector with its logo and the standards to be employed in the use of the logo for purposes of reproducing and using Supplier's name and logo in connection with the advertising, marketing and promotion of the Master Agreement to Public Agencies. Supplier shall assist OMNIA Partners Public Sector by providing camera-ready logos and by participating in related trade shows and conferences. At a minimum, Supplier's sales initiatives shall communicate that (i) the Master Agreement was competitively solicited by the Lead Public Agency, (ii) the Master Agreement provides the Supplier's best overall pricing and value to eligible agencies, (iii) there is no cost to Participating Public Agencies, and (iv) the Master Agreement is a non-exclusive contract.

(ii) Branding and Logo Compliance. Supplier shall be responsible for complying with the OMNIA Partners Public Sector branding and logo standards and guidelines. Prior to use by Supplier, all OMNIA Partners Public Sector related marketing material must be submitted to OMNIA Partners Public Sector for review and approval.

(iii) Sales Force Training. Supplier shall train its national sales force on the Master Agreement and OMNIA Partners Public Sector program. OMNIA Partners Public Sector shall be available to train on a national, regional or local level and generally assist with the education of sales personnel.

(iv) Participating Public Agency Access. Supplier shall establish the following communication links to facilitate customer access and communication:

(A) A dedicated OMNIA Partners Public Sector internet web-based homepage that is accessible from Supplier's homepage or main menu navigation containing:

- (1) OMNIA Partners Public Sector standard logo;
- (2) Copy of original procurement solicitation;
- (3) Copy of Master Agreement including any amendments;
- (4) Summary of Products and Services pricing;
- (5) Electronic link to OMNIA Partners Public Sector's online registration page; and
- (6) Other promotional material as requested by OMNIA Partners Public Sector.

(B) A dedicated toll-free national hotline for inquiries regarding OMNIA Partners Public Sector.

(v) Electronic Registration. Supplier shall be responsible for ensuring that each Public Agency has completed OMNIA Partners Public Sector's online registration process prior to processing the Public Agency's first sales order.

(vi) Supplier's Performance Review. Upon request by OMNIA Partners Public Sector, Supplier shall participate in a performance review meeting with OMNIA Partners Public Sector to evaluate Supplier's performance of the covenants set forth in this Agreement.

(vii) Supplier Content. Supplier may, from time to time, provide certain graphics, media, and other content to OMNIA Partners Public Sector (collectively "Supplier Content") for use on OMNIA Partners Public Sector websites and for general marketing and publicity purposes. During the term of the Agreement, Supplier hereby grants to OMNIA Partners Public Sector and its affiliates a non-exclusive, worldwide, free, transferrable, license to reproduce, modify, distribute, publicly perform, publicly display, and use Supplier Content in connection with OMNIA Partners Public Sector websites and for general marketing and publicity purposes, with the right to sublicense each and every such right. Supplier warrants that: (a) Supplier is the owner of or otherwise has the unrestricted right to grant the rights in and to Supplier Content as contemplated hereunder; and (b) the use of Supplier Content and any other materials or services provided to OMNIA Partners Public Sector as contemplated hereunder will not violate, infringe, or misappropriate the intellectual property rights or other rights of any third party

3.4 Breach of Supplier's Representations and Covenants. The representations and covenants set forth in this Agreement are the foundation of the relationship between OMNIA Partners Public Sector and Supplier. If Supplier is found to be in violation of, or non-compliance with, one or more of the representations and covenants set forth in this Agreement, Supplier shall have ninety (90) days from the notice of default to cure such violation or non-compliance and, if Supplier fails to cure such violation or non-compliance within such notice period, at the sole discretion of OMNIA Partners Public Sector, it shall be deemed a cause for immediate termination of the Master Agreement at Lead Public Agency's sole discretion or this Agreement at OMNIA Partners Public Sector's sole discretion.

3.5 Indemnity. Supplier hereby agrees to indemnify and defend OMNIA Partners Public Sector, and its parent companies, subsidiaries, affiliates, shareholders, member, manager, officers, directors, employees, agents, and representatives from and against any and all claims, costs, proceedings, demands, losses, damages, and expenses (including, without limitation, reasonable attorney's fees and legal costs) of any kind or nature, arising from or relating to, any actual or alleged breach of any of Supplier's representations, warranties, or covenants in this Agreement.

## **ARTICLE IV**

### **PRICING AUDITS**

4.1 Supplier shall, at Supplier's sole expense, maintain an accounting of all purchases made by Lead Public Agency and Participating Public Agencies under the Master Agreement. OMNIA Partners Public Sector and Lead Public Agency each reserve the right to audit the accounting for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. OMNIA Partners Public Agencies shall have the authority to conduct random audits of Supplier's pricing that is offered to Participating Public Agencies at OMNIA Partners Public Sector's sole cost and expense. In addition, in the event that OMNIA Partners Public Sector is made aware of any pricing being offered to three (3) or more Participating Public Agencies that is materially inconsistent with the pricing under the Master Agreement, OMNIA Partners Public Sector shall have the right to conduct a reasonable audit of Supplier's pricing at Supplier's sole cost and expense during regular business hours and upon reasonable notice. OMNIA Partners Public Sector may conduct the audit internally or may engage a third-party auditing firm. Supplier shall solely be responsible for the cost

of the audit. In the event of an audit, the requested materials shall be provided in the format and at the location where kept in the ordinary course of business by Supplier.

## **ARTICLE V**

### **FEES & REPORTING**

5.1 Administrative Fees. Supplier shall pay to OMNIA Partners Public Sector a monthly administrative fee based upon the total sales price of all purchases shipped and billed pursuant to the Master Agreement, excluding taxes, in the amount of two percent (2%) of aggregate purchases made during each calendar month (individually and collectively, "Administrative Fees"). Supplier's annual sales shall be measured on a calendar year basis. All Administrative Fees shall be payable in U.S. Dollars and shall be made by wire to OMNIA Partners Public Sector, or its designee or trustee as may be directed in writing by OMNIA Partners Public Sector. Administrative Fees shall be due and payable within thirty (30) days of the end of each calendar month for purchases shipped and billed during such calendar month. OMNIA Partners Public Sector agrees to pay to Lead Public Agency five percent (5%) of all Administrative Fees received from Supplier to help offset Lead Public Agency's costs incurred in connection with managing the Master Agreement nationally. The Supplier's obligations to pay Administrative Fees based on aggregate purchases calculated and accrued during the term of the Agreement shall survive the termination of the Agreement and the Master Agreement, regardless of reason for the termination.

5.2 Sales Reports. Within thirty (30) days of the end of each calendar month, Supplier shall deliver to OMNIA Partners Public Sector an electronic accounting report, in the format prescribed by the Contract Sales Reporting Template, attached hereto as Exhibit B, summarizing all purchases made under the Master Agreement during such calendar month ("Sales Report"). All purchases indicated in the Sales Report shall be denominated in U.S. Dollars. All purchases shipped and billed pursuant to the Master Agreement for the applicable calendar month shall be included in the Sales Report. Submitted reports shall be verified by OMNIA Partners Public Sector against its registration database. Any data that is inconsistent with the registration database shall be changed prior to processing. OMNIA Partners Public Sector reserves the right upon reasonable advance notice to Supplier to change the prescribed report format to accommodate the distribution of the Administrative Fees to its program sponsors, state associations and/or Lead Agencies.

5.3 Exception Reporting/Sales Reports Audits. OMNIA Partners Public Sector or its designee may, at its sole discretion, compare Supplier's Sales Reports with Participating Public Agency records or other sales analysis performed by Participating Public Agencies, sponsors, or OMNIA Partners Public Sector staff. If there is a material discrepancy between the Sales Report and such records or sales analysis as determined by OMNIA Partners Public Sector, OMNIA Partners Public Sector shall notify Supplier in writing and Supplier shall have thirty (30) days from the date of such notice to resolve the discrepancy to OMNIA Partners Public Sector's reasonable satisfaction. Upon resolution of the discrepancy, Supplier shall remit payment to OMNIA Partners Public Sector's trustee within fifteen (15) calendar days. Any questions regarding an exception report should be directed to OMNIA Partners Public Sector in writing. If Supplier does not resolve the discrepancy to OMNIA Partners Public Sector's reasonable satisfaction within thirty (30) days, OMNIA Partners Public Sector shall have the right to engage outside services to conduct an independent audit of Supplier's reports. Supplier shall solely be responsible for the cost of the audit.

5.4 Online Reporting. Within forty-five (45) days of the end of each calendar month, OMNIA Partners Public Sector shall provide online reporting to Supplier containing Supplier's sales reporting for such calendar month. Supplier shall have access to various reports through the OMNIA Partners Public Sector intranet website. Such reports are useful in resolving reporting issues and

enabling Supplier to better manage its Master Agreement.

5.5 Usage Reporting. Within thirty (30) days of the end of each contract year, Supplier shall deliver to OMNIA Partners Public Sector an electronic usage report of all sales under the Master Agreement, including:

- (i) Supplier's Product Number
- (ii) Product Description
- (iii) Manufacturer Name
- (iv) Manufacturer Number
- (v) Unit of Measure
- (vi) OMNIA Partners Public Sector Price
- (vii) Number of times ordered
- (viii) Units sold
- (ix) Sales by Manufacturer

5.6 Supplier's Failure to Provide Reports or Pay Administrative Fees. Failure to provide a Sales Report or pay Administrative Fees within the time and in the manner specified herein shall be regarded as a material breach under this Agreement and if not cured within thirty (30) days of written notice to Supplier, shall be deemed a cause for termination of the Master Agreement at Lead Public Agency's sole discretion or this Agreement at OMNIA Partners Public Sector's sole discretion. All Administrative Fees not paid within thirty (30) days of the end of the previous calendar month shall bear interest at the rate of one and one-half percent (1.5%) per month until paid in full.

## **ARTICLE VI**

### **MISCELLANEOUS**

6.1 Entire Agreement. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter hereof, and no other agreement, statement, or promise relating to the subject matter of this Agreement which is not contained herein shall be valid or binding.

6.2 Assignment.

(a) Supplier. Neither this Agreement nor any rights or obligations hereunder shall be assignable by Supplier without prior written consent of OMNIA Partners Public Sector, and any assignment without such consent shall be void.

(b) OMNIA Partners Public Sector. This Agreement and any rights or obligations hereunder may be assigned by OMNIA Partners Public Sector in OMNIA Partners Public Sector's sole discretion, to an existing or newly established legal entity that has the authority and capacity to perform OMNIA Partners Public Sector's obligations hereunder.

6.3 Notices. All reports, notices or other communications given hereunder shall be delivered by first-class mail, postage prepaid, or overnight delivery requiring signature on receipt to the addresses as set forth below. OMNIA Partners Public Sector may, by written notice delivered to Supplier, designate any different address to which subsequent reports, notices or other communications shall be sent.

OMNIA Partners Public Sector: OMNIA Partners, Public Sector  
Attn: President  
840 Crescent Centre Drive  
Suite 600  
Franklin, TN 37067

Supplier: .

Attn: OMNIA Partners Public Sector Program Manager

6.4 Severability. If any provision of this Agreement shall be deemed to be, or shall in fact be, illegal, inoperative or unenforceable, the same shall not affect any other provision or provisions herein contained or render the same invalid, inoperative or unenforceable to any extent whatever.

6.5 Waiver. Any failure of a party to enforce, for any period of time, any of the provisions under this Agreement shall not be construed as a waiver of such provisions or of the right of said party thereafter to enforce each and every provision under this Agreement.

6.6 Counterparts. This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

6.7 Modifications. This Agreement may not be effectively amended, changed, modified, altered or terminated without the prior written consent of the parties hereto.

6.8 Mediation. In the event that there is a dispute over any of the provisions of this Agreement, an asserted breach of the Agreement, or a dispute over the applicability or legality of any of the provisions of this Agreement, the parties agree that they will mediate such dispute or asserted breach as a condition precedent to any proceeding brought in any court or administrative forum. The moving party shall provide the other with ten (10) business days written notice and demand for mediation. Mediation shall occur between executive officials of each party who shall have full authority to resolve the dispute or asserted breach. Mediation shall occur at a mutually convenient venue or telephonically at the option of OMNIA Partners Public Sector. The parties shall endeavor to conclude such mediation within forty-five (45) days of the written demand, but may mutually agree in writing to extend this timeframe. If the mediation is not concluded within forty-five (45) days of the written demand, the mediation requirement may be deemed satisfied at the sole discretion of OMNIA Partners Public Sector. In no event shall the mediation bar extend past six (6) months unless agreed to in writing by both parties. The parties shall cover their own costs of mediation.

6.9 Applicable law, Jurisdiction, Venue and Fees. This Agreement shall be governed by the laws of the State of Tennessee and applicable federal law. If, following the mandatory mediation in paragraph 6.8, either party brings against the other any proceeding arising out of this Agreement, that party may bring that proceeding only in the United States District Court for the Middle District of Tennessee, only if there is not federal subject matter jurisdiction or diversity, in the Circuit or Chancery Court for Williamson County, Tennessee. Each party submits to the exclusive jurisdiction of these courts for purposes of any such proceeding and waives any contest to venue. The prevailing party in any such proceeding shall be entitled to recover reasonable attorneys' fees and costs.

7.0 Successors and Assigns. This Agreement shall inure to the benefit of and shall be binding upon OMNIA Partners Public Sector, Supplier and any successor and assign thereto; subject, however, to the limitations contained herein.

*[Remainder of Page Intentionally Left Blank – Signatures Follow]*

IN WITNESS WHEREOF, OMNIA Partners Public Sector has caused this Agreement to be executed in its name and Supplier has caused this Agreement to be executed in its name, all as of the date first written above.

OMNIA PARTNERS PUBLIC SECTOR

By \_\_\_\_\_

Name: Sarah E. Vavra

Title: Sr. Vice President, Public Sector Contracting

Date: \_\_\_\_\_

Supplier:

By \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

EXAMPLE

**IFB #PW1908 Roofing Supplies and Services, Waterproofing, and Related Products and Services  
Attachment C - Bid Form**

Line Item		Unit	\$ per Unit
<b>1.00</b>	<b>Roof Management, Design Assistant and/or Professional Services</b>		
1.01	Full-time Quality Assurance monitoring	DAY	
1.02	Asbestos core testing and analysis (testing only, excludes labor for sampling and repair)	EA	
1.03	Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type)	EA	
1.04	Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements	EA	
1.05	Aerial Wall Survey - Wall Pictures & Drawings Including Geometries, Calculated Area and Perimeter Measurements	EA	
1.06	Manufacturer Standing Seam Material Quantity Estimating	EA	
<b>1.07</b>	<b>Nuclear Moisture Survey, Non destructive roof scan</b>		
1.07.01	Non destructive roof scan, up to 20 000 SF	EA	
1.07.02	Non destructive roof scan, over 20,000 SF	SF	
<b>1.08</b>	<b>Infrared Moisture Scanning</b>		
1.08.01	Non destructive infrared roof scan, up to 20 000 SF	EA	
1.08.02	Non destructive infrared roof scan, over 20,000 SF	SF	
1.08.03	Aerial infrared roof scan at night	TRIP	
1.09	Infrared scanning equipment rental	DAY	
<b>1.10</b>	<b>Roof investigation (visual roof survey)</b>		
1.10.01	Roof Investigation (Roof by Roof), per hour	HOURLY	
1.10.02	Visual Roof Survey (Roof by Roof) up to 20,000 SF	EA	
1.10.03	Visual Roof Survey (Roof by Roof) over 20,000 SF	SF	
1.10.04	Visual Roof Survey (Single Campus - All Roof Sections)	SF	
1.10.05	Visual Roof Survey (Multiple Campuses City-/County-wide - All Roof Sections)	SF	
1.10.06	Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections)	SF	
1.10.07	Roof core cut (roof by roof)	EA	
1.10.08	Roof core cut per roof section (all roof sections on campus(s))	EA	
<b>1.11</b>	<b>Comprehensive reporting</b>		
1.11.01	Comprehensive report for visual survey (Roof by Roof)	EA	
1.11.02	Comprehensive report for visual survey(All Roof Sections on Campus(es))	EA	
1.11.03	Comprehensive report for each roof section(s) surveyed (Item 1.07) or scanned (Item 1.08)	EA	
1.11.04	Comprehensive report entered into on-line data base for dynamic reporting and tracking all roofing sections on Campus(s)	EA	
1.12	Manufacturer's Technical Representative Contractor Training Session at Job Start-Up	DAILY	
1.13	Wind Uplift Testing – Mobilize and provide wind uplift testing per Factory Mutual System Roof Design Manual FM 1-52	EA	
<b>1.14</b>	<b>Roof drawings to scale with all rooftop equipment and penetrations</b>		
1.14.01	Roof drawings (Roof by Roof)	EA	
1.14.02	Roof drawings (All Roof Sections on Campus(es))	EA	
1.15	Project Building Code Review	EA	
<b>1.16</b>	<b>Additional and Occasional Services</b>		
1.16.01	Project Architect for Design Professional Services	HOURLY	
1.16.02	Principle Architect for Design Professional Services	HOURLY	
1.16.03	Project Engineer for Engineering Reviews	HOURLY	
1.16.04	Principle Architect for Engineering Reviews	HOURLY	
1.16.06	Roof Consultant	HOURLY	
1.16.07	Full-Time Job Site Superintendent	DAY	
1.16.08	CAD Draftsman	HOURLY	
<b>1.17</b>	<b>Laboratory Analysis</b>		
1.17.01	Laboratory Fungal Analysis: Cultured Fungi Identification & Enumeration (Not including engineering time for sampling)	EA	
1.17.02	Laboratory Fungal Analysis: Total Fungi Spore Count (Not including engineering time for sampling)	EA	
1.17.03	Laboratory Mold Analysis: Viable Airborne Mold Analysis (Not including engineering time for sampling)	EA	

1.17.04	Laboratory Analysis: Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)		EA	
1.17.05	Laboratory Analysis: Non-Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)		EA	
1.17.06	Destructive Roof Sample Analysis: Comprehensive laboratory testing of a core sample from an existing roof to include tensile/tear strength, scrim type, interply bitumen weight and roof composition; Repair the roof core area with similar materials.		EA	
<b>1.18</b>	<b>Travel Expenses</b>			
1.18.01	Per Diem – Meals and Incidentals		DAY	
1.18.02	Lodging		DAY	
1.18.03	Mileage on Company / Personal Vehicle		MILE	
1.18.04	Airfare (Economy)		JOB	
1.18.05	Vehicle Rental		DAY	
1.19	Seamer Rental Charges		DAY	
1.20	Set-up Charges for Metal In-Shop Fabrication		EA	
1.21	Set-up On-Site Roll Forming		EA	
1.22	Roof Fastener Pull Tests (As Many as Required per Roof Section)		EA	
1.23	Wind Uplift Design Calculations		EA	
1.24	Roof Drainage Capacity Calculations		EA	
1.25	Roof Edge Metal Calculations - ANSI/SPRI ES-1 Standards		EA	
1.26	Dew Point Calculations		EA	
1.27	Energy Payback Calculations		EA	
1.28	Project Life-Cycle Cost Calculation		EA	
1.29	Substantial Completion Walkthrough with Report and Punchlist		EA	
1.30	Final Walkthrough with Report		EA	
1.31	On-Site Quality Control Inspections with Report from Manufacturer's Rep - 3 Days per Week		WEEK	
1.32	"As-Built" Drawings Upon Project Completion		EA	
1.33	R.A. or P.E. Reviewed and Stamped Shop Drawings		EA	
1.34	R.A. or P.E. Reviewed and Stamped Specifications		EA	
1.35	Non-R.A./P.E. Reviewed Shop Drawings		EA	
1.36	Project Design Assistance - Hourly Rate for Consultations with Architect of Record		EA	
1.37	Project Design Assistance - Development of a recommended specification for a roofing or waterproofing project		EA	
1.38	Roof Asset Management Report with recommended options for future course of actions and associated budgets for capital expense and maintenance planning.		EA	
1.39	Five year capital expense and maintenance plan ( All roof section on for campus(es))		EA	
<b>1.40</b>	<b>Additional Professional Services</b>			
1.40.01	Option 1: Professional Services (Third party architectural design, engineering or consulting services quote on corporate letterhead) Cost plus added to quote		%	
1.40.02	Option 2: R.S. Means or Gordian Group Catalog (Used when professional services line item pricing is not available) Cost plus added to catalog pricing		%	
<b>2.00</b>	<b>Tear-off &amp; Dispose of Debris</b>			
2.01	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	
2.02	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	
2.03	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	
2.04	<b>SYSTEM TYPE</b> BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	
2.05	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	
2.06	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	
2.07	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	

2.08	<b>SYSTEM TYPE</b> BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	
2.09	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Metal Deck	SF	
2.10	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Wood / Tectum Deck	SF	
2.11	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF	
2.12	<b>SYSTEM TYPE</b> Single-Ply W/ Insulation - Concrete Deck	SF	
2.13	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Metal Deck	SF	
2.14	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck	SF	
2.15	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF	
2.16	<b>SYSTEM TYPE</b> Ballasted Single-Ply W/ Insulation - Concrete Deck	SF	
2.17	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck	SF	
2.18	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	SF	
2.19	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	SF	
2.20	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck	SF	
2.21	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck	SF	
2.22	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	SF	
2.23	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	SF	
2.24	<b>SYSTEM TYPE</b> Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	
2.25	<b>SYSTEM TYPE</b> Metal Roofing System - Metal Deck	SF	
2.26	<b>SYSTEM TYPE</b> Metal Roofing System - Wood / Tectum Deck	SF	
2.27	<b>SYSTEM TYPE</b> Metal Roofing System - Lightweight / Gypsum Deck	SF	
2.28	<b>SYSTEM TYPE</b> Metal Roofing System - Concrete Deck	SF	
2.29	<b>SYSTEM TYPE</b> Dimensional/Architectural Shingle Roof - Wood Deck	SF	
2.30	<b>SYSTEM TYPE</b> 3-Tab Shingle Roof - Wood Deck	SF	
2.31	<b>SYSTEM TYPE</b> Clay Tile Shingle Roof - Wood Deck	SF	
2.32	<b>SYSTEM TYPE</b> Concrete Tile Shingle Roof - Wood Deck	SF	
2.33	<b>SYSTEM TYPE</b> Slate Tile Shingle Roof - Wood Deck	SF	
2.34	<b>SYSTEM TYPE</b> Cedar / Wood Shake Shingle Roof - Wood Deck	SF	
2.35	<b>SYSTEM TYPE</b> Add to save good Clay Tile Shingles for reuse	SF	

2.36	<b>SYSTEM TYPE</b> Add to save good Concrete Tile Shingles for reuse	SF	
2.37	<b>SYSTEM TYPE</b> Add to save good Slate Tile Shingles for reuse	SF	
2.38	<b>SYSTEM TYPE</b> Add to save good Cedar / Wood Shake Shingles for reuse	SF	
2.39	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Metal Deck	SF	
2.40	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Wood / Tectum Deck	SF	
2.41	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	SF	
2.42	<b>SYSTEM TYPE</b> Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Concrete Deck	SF	
2.43	<b>SYSTEM TYPE</b> Add of Each Additional Average Depth 1" of Polyurethane Foam (PUF) Roofing	SF	
2.44	<b>SYSTEM TYPE</b> BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.45	<b>SYSTEM TYPE</b> BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.46	<b>SYSTEM TYPE</b> Single-Ply to the Existing Insulation (Insulation to be Re-Used)	SF	
2.47	<b>SYSTEM TYPE</b> Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used)	SF	
2.48	<b>SYSTEM TYPE</b> Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.49	<b>SYSTEM TYPE</b> Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.99	<b>MULTIPLIER - TEAR-OFF &amp; DISPOSE OF DEBRIS</b> Each Additional Roof System	%	
<b>3.00</b>	<b>Removal &amp; Replacement of Roof Deck</b>		
3.01	<b>DECK TYPE</b> Spot Metal Deck Replacement (Multiple areas under 1 square)	SF	
3.02	<b>DECK TYPE</b> Spot Wood Deck Replacement (Multiple areas under 1 square)	SF	
3.03	<b>DECK TYPE</b> Spot Gypsum Deck Replacement (Multiple areas under 1 square)	SF	
3.04	<b>DECK TYPE</b> Spot Concrete Deck Replacement (Multiple areas under 1 square)	SF	
3.05	<b>DECK TYPE</b> Spot Lightweight Deck Replacement (Multiple areas under 1 square)	SF	
3.06	<b>DECK TYPE</b> Spot Tectum Deck Replacement (Multiple areas under 1 square)	SF	
3.07	<b>DECK TYPE</b> Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.08	<b>DECK TYPE</b> Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.09	<b>DECK TYPE</b> Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.10	<b>DECK TYPE</b> Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.11	<b>DECK TYPE</b> Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square)	SF	

3.12	<b>DECK TYPE</b> Large Areas of Tectum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
<b>4.00</b>	<b>Insulation Recovery Board &amp; Insulations Options</b>		
4.01	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
4.02	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
4.03	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
4.04	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	
4.05	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	
4.06	<b>RECOVERY BOARD TYPE</b> 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	
4.07	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
4.08	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
4.09	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
4.10	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	
4.11	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	
4.12	<b>RECOVERY BOARD TYPE</b> 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	
4.13	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 1.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.14	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 1.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.15	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 2.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.16	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Install 2.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	SF	
4.17	<b>ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)</b> Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF	
4.18	<b>INSULATION SUBSTITUTION OPTION</b> Deduct for Providing an R-Value of greater than or equal to 10, but less than 15; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	

4.19	<b>INSULATION SUBSTITUTION OPTION</b> Deduct for Providing an R-Value of greater than or equal to 15, but less than 18; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
4.20	<b>INSULATION SUBSTITUTION OPTION:</b> Deduct for Providing an R-Value of greater than or equal to 18, but less than 20 instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
4.21	<b>INSULATION SUBSTITUTION OPTION:</b> Add for Providing an R-Value of 25 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF	
4.22	<b>INSULATION SUBSTITUTION OPTION:</b> Add for Providing an R-Value of 30 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF	
4.23	<b>INSULATION SUBSTITUTION OPTION</b> Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
4.24	<b>INSULATION SUBSTITUTION OPTION</b> Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered with Insulation Adhesive	SF	
4.25	<b>INSULATION SLOPE OPTION</b> Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped	SF	
4.26	<b>INSULATION SLOPE OPTION</b> Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped	SF	
4.27	<b>INSULATION SLOPE OPTION</b> Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive	SF	
4.28	<b>INSULATION SLOPE OPTION</b> Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive	SF	
4.29	<b>INSULATION SUBSTITUTION OPTION</b> Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
4.30	<b>INSULATION SUBSTITUTION OPTION</b> Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
4.31	<b>INSULATION ATTACHMENT OPTION:</b> Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	SF	
4.32	<b>INSULATION ATTACHMENT OPTION:</b> Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90	SF	
<b>5.00</b>	<b>Coat New Roofing With Elastomeric Coating</b>		
5.01	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	SF	
5.02	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	SF	
5.03	<b>ROOF SYSTEM TYPE</b> Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	SF	
5.04	<b>ROOF SYSTEM TYPE</b> Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	SF	
5.05	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic base coat and a PVDF top coat per Specifications (1.5 Gallons per Square Base Coat - 1/2 Gallon per Square Top Coat) - Mineral-Surfaced Modified Roof	SF	

5.06	<b>ROOF SYSTEM TYPE</b> Apply an Acrylic base coat and a PVDF top coat per Specifications (1 Gallon per Square Base Coat - 1/2 Gallon per Square Top Coat) -Smooth-Surfaced Modified Roof		<b>SF</b>	
5.07	<b>ROOF SYSTEM TYPE</b> Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified; With Reinforced Seams (Base Coat Seam with 1.5 Gallons per Square & Reinforcement)		<b>SF</b>	
5.08	<b>ROOF SYSTEM TYPE</b> Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (Apply 1.0 gallon per Square on Seams & wait 24 Hours / Apply base coat at 1.0 gallon per Square / broadcast mineral at 35 lbs. per Square or white gravel at 200 lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Mineral-Surfaced Modified		<b>SF</b>	
5.09	<b>ROOF SYSTEM TYPE</b> Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (apply base coat at 1.0 gallon per Square / broadcast mineral at 35 lbs. per Square or white gravel at 200 lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Smooth-Surfaced Modified		<b>SF</b>	
5.10	<b>ROOF SYSTEM TYPE</b> Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified		<b>SF</b>	
5.11	<b>ROOF SYSTEM TYPE</b> Apply a Fibered Aluminum Coating per Specifications (2 Gallons per Square per Coat - 1 Coat Required) - Smooth or Mineral Surfaced Modified		<b>SF</b>	
<b>6.00</b>	<b>Roof Deck and Insulation Option</b>			
<b>6.01</b>	<b>METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.01.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance with FM 1-90 Requirements	<b>SF</b>	
<b>6.02</b>	<b>WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.02.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	<b>SF</b>	
6.02.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>6.03</b>	<b>TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.03.01	<b>INSULATION OPTION:</b>	Mechanically Attach Base Sheet Utilizing FM 1-90 Attachment Patterns & Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	<b>SF</b>	
6.03.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>6.04</b>	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.04.01	<b>INSULATION OPTION:</b>	Must Mechanically Attach a Base Sheet; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
6.04.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	<b>SF</b>	
<b>6.05</b>	<b>CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT</b>			
6.05.01	<b>INSULATION OPTION:</b>	Prime Roof Deck; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	

6.05.02		INSULATION OPTION:	Without Insulation - Prime Roof Deck; Must at Least 1/2" Wood Fiber or Perlite Hot Mopped to Deck In Compliance FM 1-90 Requirements	SF	
<b>6.06</b>	<b>METAL ROOF DECK - COLD PROCESS APPLICATION</b>				
6.06.01		INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
<b>6.07</b>	<b>WOOD ROOF DECK - COLD PROCESS APPLICATION</b>				
6.07.01		INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	SF	
6.07.02		INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
<b>6.08</b>	<b>TECTUM ROOF DECK - COLD PROCESS APPLICATION</b>				
6.08.01		INSULATION OPTION:	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	SF	
6.08.02		INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
<b>6.09</b>	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION</b>				
6.09.01		INSULATION OPTION:	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
6.09.02		INSULATION OPTION:	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns	SF	
<b>6.10</b>	<b>CONCRETE ROOF DECK - COLD PROCESS APPLICATION</b>				
6.10.01		INSULATION OPTION:	Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
6.10.02		INSULATION OPTION:	Without Insulation - Must at Least 1/2" High Density Asphalt Coated Wood Fiber Adhered with Insulation Adhesive to Deck In Compliance FM 1-90 Requirements	SF	
<b>6.11</b>	<b>METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				
6.11.01		INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
<b>6.12</b>	<b>WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>				

6.12.01	<b>INSULATION OPTION:</b>	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
6.12.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal)	<b>SF</b>	
<b>6.13</b>	<b>TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>			
6.13.01	<b>INSULATION OPTION:</b>	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
6.13.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal)	<b>SF</b>	
<b>6.14</b>	<b>LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>			
6.14.01	<b>INSULATION OPTION:</b>	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
6.14.02	<b>INSULATION OPTION:</b>	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	<b>SF</b>	
<b>6.15</b>	<b>CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION</b>			
6.15.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	<b>SF</b>	
6.15.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive In Compliance FM 1-90 Requirements	<b>SF</b>	
<b>6.16</b>	<b>INSTALL PRIOR TO ROOF SYSTEM INSULATION:</b>			
6.16.01	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), Apply 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	

6.16.02	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.03	<b>VAPOR BARRIER OPTION:</b>	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt	<b>SF</b>	
6.16.04	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.05	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.06	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified Asphalt	<b>SF</b>	
6.16.07	<b>VAPOR BARRIER OPTION:</b>	<b>TORCH-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); Heat Weld with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 Requirements	<b>SF</b>	
6.16.08	<b>VAPOR BARRIER OPTION:</b>	<b>TORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, Heat Weld with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 Requirements	<b>SF</b>	

6.16.09	VAPOR BARRIER OPTION:	<b>TORCH-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to Heat Welding with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)	SF	
6.16.10	VAPOR BARRIER OPTION:	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	SF	
6.16.11	VAPOR BARRIER OPTION:	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	SF	
6.16.12	VAPOR BARRIER OPTION:	<b>HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt	SF	
6.16.13	VAPOR BARRIER OPTION:	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:</b> Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	SF	
6.16.14	VAPOR BARRIER OPTION:	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:</b> Mechanically Fasten Glass Base Sheet, ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	SF	

6.16.15	<b>VAPOR BARRIER OPTION:</b>	<b>COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:</b> Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt	<b>SF</b>	
<b>7.00</b>	<b>BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT</b>			
<b>7.01</b>	<b>ROOF CONFIGURATION</b> <b>2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt</b>			
7.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
7.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
7.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
7.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
7.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
7.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
7.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
7.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
7.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
7.06	<b>DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR</b> Substitute Additional Glass Felt (Hot Applications) in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		<b>SF</b>	
7.07	<b>ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR</b> Each Additional Glass Felt (Hot Applications) Inter-ply Installed		<b>SF</b>	
<b>8.00</b>	<b>BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT</b>			
<b>8.01</b>	<b>ROOF CONFIGURATION</b> <b>2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt</b>			
8.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
8.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	

8.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
8.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
8.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
8.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 8.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
8.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
8.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
8.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
8.06	<b>DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR</b> Substitute Additional Glass Base Sheet in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		<b>SF</b>	
8.07	<b>ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR</b> Each Additional Glass Base (Cold Applications) Inter-ply Installed		<b>SF</b>	
<b>9.00</b>	<b>BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT - FLOOD COAT &amp; AGGREGATE IN MODIFIED COAL TAR PITCH</b>			
<b>9.01</b>	<b>ROOF CONFIGURATION</b> <b>2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate</b>			
9.01.01	<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.01.02	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.01.03	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.01.04	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	

9.01.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
9.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 9.00 Must includes coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
9.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
9.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
9.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
9.06	<b>COATING OPTION:</b>	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	<b>SF</b>	
<b>10.00</b>	<b>BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT</b>			
<b>10.01</b>	<b>ROOF CONFIGURATION 2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt</b>			
10.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
10.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
10.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
10.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
10.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
10.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 10.00 Must includes coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
10.03	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
10.04	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
10.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>11.00</b>	<b>BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT</b>			
<b>11.01</b>	<b>ROOF CONFIGURATION 2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt</b>			

11.01.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
11.01.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
11.01.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
11.01.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
11.01.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
11.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 11.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
11.03	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
11.04	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
11.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.00</b>	<b>2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY &amp; A CAP SHEET (TOP PLY)</b> <b>PLEASE NOTE: BASE PLY &amp; CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER</b>			
<b>12.01</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt</b>			
12.01.01	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	<b>SF</b>	
12.01.02	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	<b>SF</b>	
12.01.03	<b>BASE PLY OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	<b>SF</b>	
12.01.04	<b>ADD/DEDUCT TO PER SQUARE FOOT COST - Hot Applied Modified Multi-ply Systems</b> Each Additional Modified Base Sheet (All Hot Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.01.02 + 12.01.02 + 12.01.04 = Two Plies Installed)		<b>SF</b>	
<b>12.02</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply Modified Base Sheet Adhered in Cold Process Modified Asphalt</b>			
12.02.01	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	<b>SF</b>	
12.02.02	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	<b>SF</b>	
12.02.03	<b>BASE PLY OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	<b>SF</b>	

12.02.04	<b>ADD/DEDUCT TO PER SQUARE FOOT COST - Cold Applied Modified Multi-ply Systems</b> Each Additional Modified Base Sheet (All Cold Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.02.02 + 12.02.02 + 12.02.04 = Two Plies Installed)			SF
12.02.05	<b>INTERPLY ADHESIVE OPTION:</b>	<b>Add/Deduct for Cold Applied Modified Multi-ply Systems</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive		SF
12.03	<b>ROOF CONFIGURATION</b> <b>1 Ply of Torch Base Sheet Installed with Torch Application</b>			
12.03.01	<b>BASE PLY OPTION:</b>	SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)		SF
12.03.02	<b>BASE PLY OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 210 lbf/in tensile		SF
12.03.03	<b>ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems</b> Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.03.02 + 12.03.02 + 12.03.03 = Two Plies Installed)			SF
12.04	<b>ROOF CONFIGURATION</b> <b>1 Ply of Self-Adhering Base Installed Using Self-Adhering Backing</b>			
12.04.01	<b>BASE PLY OPTION:</b>	SBS Modified Asphalt-Based, Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Base Sheet - Minimum of 50 lbf/in tensile		SF
12.04.02	<b>ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems</b> Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.04.01 + 12.04.01 + 12.04.02 = Two Plies Installed)			SF
12.05	<b>ROOF CONFIGURATION</b> <b>1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt</b>			
12.05.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile		SF
12.05.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile		SF
12.05.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile		SF
12.05.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 500 lbf/in tensile		SF
12.05.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 600 lbf/in tensile		SF
12.05.06	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.05 Must include coverage for roof uplift pressures up to 90 MPH		SF
12.05.07	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations		SF

12.05.08		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.05.09		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.06</b>	<b>ROOF CONFIGURATION 1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt</b>				
12.06.01		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.06.02		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.06.03		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.06.04		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.06.05		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
12.06.06		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.06 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.06.07		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.06.08		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.06.09		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.07</b>	<b>ROOF CONFIGURATION 1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat &amp; Aggregate in Hot Modified Coal Tar Pitch</b>				
12.07.01		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.02		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.03		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	

12.07.04	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	<b>SF</b>	
12.07.06	<b>COATING OPTION:</b>	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	<b>SF</b>	
12.07.07	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.07 Must includes coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.07.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.07.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.07.10	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.08</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt</b>			
12.08.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.08.02	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.08.03	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.08.04	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.08.05	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
12.08.06	<b>MEMBRANE ADHESIVE &amp; COATING OPTION:</b>	<b>Add/Deduct for Cold Applied Modified BUR</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	<b>SF</b>	
12.08.07	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.08 Must includes coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.08.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	

12.08.09		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.08.10		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.09</b>	<b>ROOF CONFIGURATION 1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt</b>				
12.09.01		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.09.02		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.09.03		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.09.04		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	
12.09.05		<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	<b>SF</b>	
12.09.06		<b>MEMBRANE ADHESIVE OPTION:</b>	<b>Add/Deduct for Cold Applied Modified BUR</b> Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	<b>SF</b>	
12.09.07		<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.09 Must includes coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.09.08		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.09.09		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.09.10		<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.10</b>	<b>ROOF CONFIGURATION 1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat &amp; Aggregate in Cold Applied Modified Coal Tar Pitch and Aggregate</b>				
12.10.01		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	<b>SF</b>	
12.10.02		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	<b>SF</b>	
12.10.03		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	<b>SF</b>	
12.10.04		<b>ROOFING MEMBRANE &amp; COATING OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	<b>SF</b>	

12.10.05	<b>ROOFING MEMBRANE &amp; COATING OPTION</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	<b>SF</b>	
12.10.06	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.10 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.10.07	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.10.08	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.10.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.11</b>	<b>ROOF CONFIGURATION 1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Application</b>			
12.11.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	<b>SF</b>	
12.11.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.11 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.11.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.11.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.11.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.12</b>	<b>ROOF CONFIGURATION 1 Ply of Torch-Applied Cap Sheet Installed with Torch Application and Finished with a Flood Coat &amp; Aggregate in Cold Process Modified Asphalt</b>			
12.12.01	<b>ROOFING MEMBRANE OPTION:</b>	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	<b>SF</b>	
12.12.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.12.03	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.12.04	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.12.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.13</b>	<b>ROOF CONFIGURATION 1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing</b>			

12.13.01	<b>ROOF CONFIGURATION OPTION:</b>	ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Sheet Material Type III - Minimum of 130 lbf/in tensile	<b>SF</b>	
12.13.02	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.13 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.13.03	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.13.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.13.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.14</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Hot ASTM D 312 Type III OR IV Asphalt with Heat Welded Seams</b>			
12.14.01	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	<b>SF</b>	
12.14.02	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
12.14.03	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.14 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.14.04	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.14.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.14.06	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>12.15</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams</b>			
12.15.01	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	<b>SF</b>	
12.15.02	<b>POLYMERIC TOP PLY OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
12.15.03	<b>MEMBRANE ADHESIVE OPTION:</b>	<b>Add/Deduct for Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)</b> Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	<b>SF</b>	
12.15.04	<b>MEMBRANE ADHESIVE OPTION:</b>	<b>PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)</b> Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	<b>SF</b>	
12.15.05	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.15 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
12.15.06	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
12.15.08	<b>WARRANTY UPCHARGE:</b>	Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	

12.15.09	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>13.00</b>	<b>BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH</b>			
<b>13.01</b>	<b>ROOF CONFIGURATION</b> <b>1 Ply of Glass Base, 3 Plies of Polyester Mat or 4 ply of Coal Tar Felts in Modified Hot Coal Tar Pitch (CTP), [Insulation &amp; Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt</b>			
13.01.01	<b>ROOF CONFIGURATION OPTION:</b>	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	<b>SF</b>	
13.01.02	<b>ROOF CONFIGURATION OPTION:</b>	3-Ply Continuous Filament Polyester Mat (5.0 oz./yd <sup>2</sup> ) in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	<b>SF</b>	
13.02	<b>INTERPLY ADHESIVE &amp; FLOOD COAT OPTION:</b>	<b>PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH</b> Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch	<b>SF</b>	
13.03	<b>FLOOD COAT OPTION:</b>	<b>PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS+ MODIFIED COAL TAR PITCH FOR FLOOD COAT</b> Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch+B222	<b>SF</b>	
13.04	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
13.05	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
13.06	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
13.07	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>14.00</b>	<b>METAL ROOFING SYSTEMS - LOW SLOPE &amp; STEEP SLOPE (2)</b>			
<b>14.01</b>	<b>INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE</b>			
14.01.01	<b>INSULATION OPTION:</b>	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	<b>SF</b>	
14.01.02	<b>INSULATION OPTION:</b>	Architectural Application - No Insulation - WOOD DECK: Class A Fire-Retardant Underlayment	<b>SF</b>	
14.01.03	<b>INSULATION OPTION:</b>	Architectural Application - Minimal Insulation - WOOD OR METAL DECK: Must Have 1/2" Treated Gypsum Board with Glass-Mat (e.g. DensDeck / Securock / Equal); & 40 mil Self-Adhering Underlayment	<b>SF</b>	
14.01.04	<b>INSULATION OPTION:</b>	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20; with 40 mil Self-Adhering Underlayment	<b>SF</b>	

14.01.05	<b>INSULATION OPTION:</b>	Structural Application Over Open Framing; Over Retrofit Framing; Over an Existing Roof Using Steel Furring - No Insulation	<b>SF</b>	
14.01.06	<b>INSULATION OPTION:</b>	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	<b>SF</b>	
14.01.07	<b>INSULATION OPTION:</b>	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	<b>SF</b>	
14.01.08	<b>INSULATION OPTION:</b>	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	<b>SF</b>	
14.01.09	<b>INSULATION OPTION:</b>	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	<b>SF</b>	
<b>14.02</b>	<b>ROOF CONFIGURATION</b> <b>Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"</b>			
14.02.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	<b>SF</b>	
14.02.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 18" - 19" Wide Panels	<b>SF</b>	
14.02.03	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Aluminum	<b>SF</b>	
14.02.04	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Aluminum	<b>SF</b>	
14.02.05	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Aluminum	<b>SF</b>	
14.02.06	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.07	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.08	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.02.09	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.02.10	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.02.11	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.02.12	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.02.13	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.02.14	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 18" - 19" Wide Panels	<b>SF</b>	
14.02.15	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 18" - 19" Wide Panels	<b>SF</b>	

14.02.16	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Stainless Steel	<b>SF</b>	
14.02.17	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Stainless Steel	<b>SF</b>	
14.02.18	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Stainless Steel	<b>SF</b>	
14.02.19	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 oz, 18" - 19" Wide Panels	<b>SF</b>	
14.02.20	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz, 18" - 19" Wide Panels	<b>SF</b>	
14.02.21	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Copper	<b>SF</b>	
14.02.22	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Copper	<b>SF</b>	
14.02.23	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Copper	<b>SF</b>	
14.02.24	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	<b>SF</b>	
14.02.25	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	<b>SF</b>	
14.02.26	<b>PANEL WIDTH OPTION:</b>	Add for 12" - 13" Panel Width - Zinc	<b>SF</b>	
14.02.27	<b>PANEL WIDTH OPTION:</b>	Add for 16" - 17" Panel Width - Zinc	<b>SF</b>	
14.02.28	<b>PANEL WIDTH OPTION:</b>	Add for 24" - 25" Panel Width - Zinc	<b>SF</b>	
14.02.29	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over a Deck At or Above 3:12 Slope	<b>SF</b>	
14.02.30	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over a Deck Below 3:12 Slope	<b>SF</b>	
14.02.31	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing At or Above 3:12 Slope	<b>SF</b>	
14.02.32	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing Below 3:12 Slope	<b>SF</b>	
14.02.33	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	<b>SF</b>	
14.02.34	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Retrofit Framing System Below 3:12 Slope	<b>SF</b>	
14.02.35	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	<b>SF</b>	
14.02.36	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3:12 Slope	<b>SF</b>	
14.02.37	<b>PANEL FABRICATION OPTION:</b>	On-Site Roll Forming - To achieve panel lengths in excess of shipping or transportation limitations	<b>SF</b>	
14.02.38	<b>PANEL FABRICATION OPTION:</b>	Curving Panels - Curving panels to meet architectural requirements	<b>SF</b>	
14.02.39	<b>PANEL FABRICATION OPTION:</b>	Tapering Panels - Tapering panels to meet architectural requirements	<b>SF</b>	
14.02.40	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must includes coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	

14.02.41	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.02.42	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.02.43	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>14.03</b>	<b>ROOF CONFIGURATION</b> Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels			
14.03.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	<b>SF</b>	
14.03.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels	<b>SF</b>	
14.03.03	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Aluminum	<b>SF</b>	
14.03.04	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Aluminum	<b>SF</b>	
14.03.05	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	<b>SF</b>	
14.03.06	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	<b>SF</b>	
14.03.07	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.03.08	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
14.03.09	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.03.10	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.03.11	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.03.12	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 18" Wide Panels	<b>SF</b>	
14.03.13	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	<b>SF</b>	
14.03.14	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Stainless Steel	<b>SF</b>	
14.03.15	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Stainless Steel	<b>SF</b>	
14.03.16	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 oz, 18" Wide Panels	<b>SF</b>	
14.03.17	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz, 18" Wide Panels	<b>SF</b>	
14.03.18	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Copper	<b>SF</b>	
14.03.19	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Copper	<b>SF</b>	
14.03.20	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 18" Wide Panels	<b>SF</b>	
14.03.21	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 18" Wide Panels	<b>SF</b>	
14.03.22	<b>PANEL WIDTH OPTION:</b>	Add for 12" Panel Width - Zinc	<b>SF</b>	
14.03.23	<b>PANEL WIDTH OPTION:</b>	Add for 16" Panel Width - Zinc	<b>SF</b>	
14.03.24	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	<b>SF</b>	
14.03.25	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate Below 3:12 Slope	<b>SF</b>	

14.03.26	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	<b>SF</b>	
14.03.27	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Retrofit Framing System At or Above 3:12 Slope	<b>SF</b>	
14.03.28	<b>PANEL INSTALLATION OPTION:</b>	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	<b>SF</b>	
14.03.30	<b>WARRANTY CHARGE:</b>	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 14.03 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
14.03.31	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.03.32	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
14.03.33	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>14.04</b>	<b>ROOF CONFIGURATION</b> Architectural Standing Seam Roof System; Seam Height Below 1"			
14.04.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 14.5" Wide Panels	<b>SF</b>	
14.04.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 14.5" Wide Panels	<b>SF</b>	
14.04.03	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.05	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.04.06	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.04.07	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
14.04.08	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.09	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels	<b>SF</b>	
14.04.10	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz., 14.5" Wide Panels	<b>SF</b>	
14.04.11	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz., 14.5" Wide Panels	<b>SF</b>	
14.04.12	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032" , 14.5" Wide Panels	<b>SF</b>	

14.04.13	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 14.5" Wide Panels	<b>SF</b>	
14.04.14	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	<b>SF</b>	
14.04.15	<b>PANEL INSTALLATION OPTION:</b>	Architectural Application - Installed Over Substrate Below 3:12 Slope	<b>SF</b>	
14.04.16	<b>WARRANTY CHARGE:</b>	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.04 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
<b>14.05</b>	<b>ROOF CONFIGURATION</b> <b>Flat Seam Metal Roof System - 8' Wide / 30 Gauge</b>			
14.05.01	<b>INSULATION OPTION:</b>	3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) - Includes Panel and Installation of Roof System	<b>SF</b>	
14.05.02	<b>INSULATION OPTION:</b>	Mechanically Fastened Polyisocyanurate with an Average R-Value of 20 - Includes Panel and Installation of Roof System	<b>SF</b>	
14.05.03	<b>UNDERLAYMENT OPTION:</b>	Add Install 40 mil self-adhesive membrane as an Underlayment	<b>SF</b>	
14.05.04	<b>PANEL WIDTH OPTION:</b>	Add/Deduct for 6' Wide Option	<b>SF</b>	
14.05.05	<b>PANEL WIDTH OPTION:</b>	Add/Deduct for 10' Wide Option	<b>SF</b>	
14.05.06	<b>PANEL WIDTH OPTION:</b>	Add/Deduct for 12' Wide Option	<b>SF</b>	
14.05.07	<b>WARRANTY CHARGES:</b>	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.05 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
<b>15.00</b>	<b>RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS</b>			
15.01	<b>PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE</b> Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal		<b>SF</b>	
15.02	<b>PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS</b> Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal		<b>LF</b>	
15.03	<b>PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF</b> Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal		<b>SF</b>	
15.04	<b>RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM</b> Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required Separate Line Item)		<b>SF</b>	
15.05	<b>RESATURATION OF ASPHALT OR COAL TAR PITCH BURs WITH COAL-TAR PITCH COATING SYSTEM</b> Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required Refer to Flashing Line Item)		<b>SF</b>	
15.06	<b>RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING</b> Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green; Use Portable Blowers to Clear Roof of Moisture; Apply seam sealer to seams (1 Gallon per 14 left) Base Coat / Top Coat with Synthetic Rubberized Restorative Coating (1.5 Gallons per Sq.) According to Manufacturer's Specifications		<b>SF</b>	
15.07	<b>RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE</b> Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer to Dry; Strip in Seams, Around Penetrations and Fasteners with a Single-Component, Aliphatic Urethane at a Rate of 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped in Areas) USE SEPRATE LINE ITEM; Wait 24-48 Hours; Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.		<b>SF</b>	

15.08	<p><b>RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE</b>  Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPARATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer to Dry; Strip in Seams, Around Penetrations and Fasteners with a Two-Component, Low-Oder Urethane at a Rate of 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped-In Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.09	<p><b>COAT ROOF WITH HIGH PERFORMANCE FLUORPOLYMER PAINT SYSTEM FOR METAL ROOFS</b>  Prepare Metal Roof Surface by Scraping, Sanding, Wire Brushing or Blasting (USE SEPARATE LINE ITEM FOR BLASTING &amp; WIRE BRUSHING); Clean with TSP or Simple Green, Prime at a Rate of (Primer 1/4" Gallon per Square); Wait; Install Base Coat and Top Coat at a Rate of 1/4 Gallon per Sq. per Coat According to Manufacturer's Specifications</p>	SF	
15.10	<p><b>RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE &amp; STRIPPED SEAMS</b>  Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.11	<p><b>RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE &amp; REINFORCED SEAMS</b>  Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 2 Gallons per Square and a Top Coat of 1.5 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.12	<p><b>RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE</b>  Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3.0 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.13	<p><b>RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE &amp; REINFORCED SEAMS</b>  Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 2.0 Gallons per Square and Top Coat at a Rate of 2.0 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.14	<p><b>RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE</b>  Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1.5 Gallon per Square (3.5 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.15	<p><b>RESTORATION OF A SINGLE-PLY WITH TWO-COMPONENT, LOW-ODER URETHANE &amp; STRIPPED SEAMS</b>  Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and a Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	

15.16	<p><b>RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE &amp; REINFORCED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 2 Gallons per Square and a Top Coat at a Rate of 1.5 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.17	<p><b>RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.18	<p><b>RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURs ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE &amp; REINFORCED SEAMS</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2.0 Gallons per Square / Reinforcement / 1.0 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 2.0 Gallons per Square and a Top Coat at a Rate of 2.0 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.19	<p><b>RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE</b></p> <p>Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1.5 Gallon per Square (3.5 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.</p>	SF	
15.20	<p><b>RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed firm polyester reinforcement at a rate of 3.0 Gallons per Square / Polyester /3.5 Gallons per Square.</p>	SF	
15.21	<p><b>RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed soft polyester reinforcement at a rate of 1.2 Gallons per Square / Polyester /1.4 Gallons per Square.</p>	SF	
15.22	<p><b>RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed firm polyester reinforcement at a rate of 3.5 Gallons per Square / Polyester / 3.5 Gallons per Square.</p>	SF	
15.23	<p><b>RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM</b></p> <p>Infrared Roof Scan Roof System And Replace All Wet Insulation (Use Separate Line Items); Prime The Roof Surface At Rate Of 1/2 - 3/4 Gallons Per Square; Apply Heavy-Bodied, Fiber Reinforced Asphalt Roof Coating And Embed Soft Polyester Reinforcement At A Rate Of 1.4 Gallons Per Square / Polyester /1.4 Gallons Per Square.</p>	SF	
15.24	<p><b>COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING</b></p> <p>Prepare Roof Surface by Sweeping Off All Dirt, Dust and Debris; If Existing Roof Surface is Weathered, Prime the Roof Surface at a Rate of 1 Gallon per Square; If Repairs to Any Cracks, Splits or Surface Irregularities Exist, Repair with a 3 Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Apply Fibrated Aluminum Roof Coating at a Rate of 2 Gallons per Square.</p>	SF	
15.25	<p><b>RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-REINFORCED GLASS FIBERED ASPHALT EMULSION</b></p> <p>Prepare Roof Surface to be Clean &amp; Free of Dust; Repair All Splits Tears of Blisters with a Three Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Prime the Roof Surface at a Rate of 1/2 Gallon per Square. Embed Polyester into the Asphalt Emulsion in a 2 Coat Application at a Rate of 3 Gallons per Square / Polyester / 3 Gallons per Square</p>	SF	

	<b>RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH GLASS FIBERED ASPHALT EMULSION</b> Prepare Roof Surface to be Clean & Free of Dust; Repair All Splits Tears of Blisters with a Three Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Prime the Roof Surface at a Rate of 1/2 Gallon per Square. Apply Asphalt Emulsion in a 2 Coat Application at a Rate of 2.5 Gallons per Square per Coat.			
15.26			SF	
	<b>RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING</b> Prepare Roof Surface to be Clean & Free of Dust; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square			
15.27			SF	
	<b>RESTORATION OF GRAVEL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING</b> Wet Vac or Spud Any Loose Gravel Off of Roof Surface & Dispose; Sweep Roof Surface to be Clean and Free of Dust; Apply Primer as a Bleed-Blocker at a Rate of 1/2 Gallon per Square; Apply Self-Leveling Silicone at a Rate of 6 Gallons per Square; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square.			
15.28			SF	
	<b>ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS</b> Clean and Prime then Install Base Coat / Top Coat as Specified with Reinforced Seams - Restoration Coating Fully Reinforced System w/ Reflective Top Coat (3 Gallons per Sq. of Restoration Coating - Reinforcement - Additional 3 Gallons per Sq. of Restoration Coating; Allow 30 Day Cure and Install Reflective Coating at 1 Gallon per Sq. (New Flashings also Required Refer to Flashing Line Item)			
15.29			SF	
	<b>REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE</b> Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallons per Square (3 Gallons per Square on Seams)			
15.30			LF	
	<b>REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODOR URETHANE</b> Reinforce Seams by Applying a Two-Component, Low-Odor Urethane 2 Gallons per Square / Reinforcement / 1 Gallons per Square (3 Gallons per Square on Seams)			
15.31			LF	
	<b>STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE</b> Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square			
15.32			LF	
	<b>STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODOR URETHANE</b> Strip in Seams by Applying a Two-Component, Low Odor Urethane 2 Gallons per Square			
15.33			LF	
<b>16.00</b>	<b>INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS</b>			
	<b>INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -</b> New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys			
16.01			SF	
	<b>REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -</b> New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys			
16.02			SF	
	<b>INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -</b> New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys			
16.03			SF	
	<b>INSTALL NEW CEDAR SHAKE ROOF SYSTEM -</b> New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys			
16.04			SF	
	<b>INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -</b> New Barrel Clay/Cement Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys			
16.05			SF	
	<b>INSTALL SLATE TILE ROOF SYSTEM -</b> New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys			
16.06			SF	
	<b>ADD/DEDUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -</b> Install Self-Adhering Underlayment on Entire Roof Deck			
16.07			SF	
<b>17.00</b>	<b>FULLY ADHERED SINGLE-PLY ROOF SYSTEMS</b>			
<b>17.01</b>	<b>METAL DECK - SINGLE-PLY APPLICATION</b>			
		Mechanically Fasten Polyisocyanurate / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20		
17.01.01	<b>INSULATION OPTION:</b>		SF	
<b>17.02</b>	<b>WOOD/TECTUM DECK - SINGLE-PLY APPLICATION</b>			

17.02.01	<b>INSULATION OPTION:</b>	WOOD DECK: Mechanically Fasten Polyisocyanurate / Adhere Treated 1/2" Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.02.02	<b>INSULATION OPTION:</b>	TECTUM DECK: Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.02.03	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>17.03</b>	<b>LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION</b>			
17.03.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.03.02	<b>INSULATION OPTION:</b>	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	<b>SF</b>	
<b>17.04</b>	<b>CONCRETE DECK - SINGLE-PLY APPLICATION</b>			
17.04.01	<b>INSULATION OPTION:</b>	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
17.04.02	<b>INSULATION OPTION:</b>	Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	<b>SF</b>	
<b>17.05</b>	<b>ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation</b>			
17.05.01	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	<b>SF</b>	
17.05.02	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	<b>SF</b>	
17.05.03	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	<b>SF</b>	
17.05.04	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	<b>SF</b>	
17.05.05	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	<b>SF</b>	
17.05.06	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	<b>SF</b>	
17.05.07	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	<b>SF</b>	
17.05.08	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	<b>SF</b>	
17.05.09	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	<b>SF</b>	

17.05.10	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	<b>SF</b>	
17.05.11	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
17.05.12	<b>SINGLE-PLY ROOF TYPE:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	<b>SF</b>	
17.05.13	<b>INSTALLATION OPTION:</b>	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	<b>SF</b>	
17.05.15	<b>WARRANTY CHARGES:</b>	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 17.05 Must include coverage for roof uplift pressures up to 90 MPH	<b>SF</b>	
17.05.16	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 15 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
17.05.17	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for a 20 Year Labor & Material Warranty with No Dollar Limitations	<b>SF</b>	
17.05.18	<b>WARRANTY UPCHARGE:</b>	Add to provide coverage for roof uplift pressures up to 120 MPH	<b>SF</b>	
<b>18.00</b>	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS</b>			
<b>18.01</b>	<b>POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)</b>			
18.01.01	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Two Coat System	<b>SF</b>	
18.01.02	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Three Coat System	<b>SF</b>	
18.01.03	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Three Coat Reinforced System	<b>SF</b>	
18.01.04	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Four Coat Reinforced System	<b>SF</b>	
18.01.05	<b>WARRANTY CHARGES:</b>	5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.01	<b>SF</b>	
18.01.06	<b>WARRANTY CHARGES:</b>	10 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.01	<b>SF</b>	
<b>18.02</b>	<b>POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE</b>			
18.02.01	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Two Coat System	<b>SF</b>	
18.02.02	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Three Coat System	<b>SF</b>	
18.02.03	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Three Coat Reinforced System	<b>SF</b>	
18.02.04	<b>FLUID APPLIED MEMBRANE SYSTEM:</b>	Four Coat Reinforced System	<b>SF</b>	
18.02.05	<b>WARRANTY CHARGES:</b>	5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.02	<b>SF</b>	
18.02.06	<b>WARRANTY CHARGES:</b>	10 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.02	<b>SF</b>	
<b>18.03</b>	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS &amp; PREPARATION</b>			

18.03.01	<b>CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03.02	<b>CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03.03	<b>CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03.04	<b>CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
18.03.05	<b>CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
18.03.06	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03.07	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
18.03.08	<b>CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH</b> Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
18.03.09	<b>GRINDING</b> Grind an existing coating	SF	
18.03.10	<b>HANDHELD GRINDING</b> Grind an existing coating in areas that only can be done by hand	SF	
18.03.11	<b>MILLING</b> Mill an existing coating 1/8 inch to 1/4 inch	SF	
18.03.12	<b>PRESSURE WASHING - HORIZONTAL</b> Pressure washing horizontal surfaces with 2000 PSI or greater	SF	
18.03.13	<b>PRESSURE WASHING - VERTICAL</b> Pressure washing horizontal surfaces with 2000 PSI or greater	SF	
18.03.14	<b>SAND BLASTING</b> Sand blast an existing coating	SF	
18.03.15	<b>SHOT BLASTING</b> Shot blast an existing coating	SF	
<b>18.04</b>	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS &amp; SURFACE PREPARATION</b>		
18.04.01	<b>STRUCTURAL EXPANSION JOINT</b> Installation or replacement of an expansion joint that is necessary for structural integrity	LF	
18.04.02	<b>CAULKING JOINTS</b> Installation of caulking in joints. See caulking chart	LF	
18.04.03	<b>ROUTING AND REMOVAL OF EXISTING CAULK</b> Rout and remove of existing caulk out of expansion joints	LF	
18.04.04	<b>EPOXY INJECTION FOR CRACK REPAIR</b> Route cracks, drill holes every 18" inches, and inject and seal with epoxy	LF	
18.04.05	<b>TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS</b>	LF	
18.04.06	<b>WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT</b>	SF	
<b>18.05</b>	<b>FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION &amp; SURFACING</b>		
18.05.01	<b>INSTALL REINFORCEMENT IN COATING SYSTEM</b> Installation of reinforcement adjustment of coverage rates to accommodate reinforcement	LF	
18.05.02	<b>BROADCAST GRANULES TO PROVIDE SKID RESISTANCE</b> Broadcast aggregate or granules to provide skid resistance in top coat	LF	
<b>19.00</b>	<b>WALL COATINGS FOR COATING WALL SYSTEMS</b>		
19.01	<b>ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
19.02	<b>ELASTOMERIC COATING FOR EFIS WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
19.03	<b>ELASTOMERIC COATING FOR CMU WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
19.04	<b>ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -</b> Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
<b>20.00</b>	<b>NEW FLASHINGS FOR ROOFING SYSTEMS &amp; RESTORATION OPTIONS</b>		
<b>20.01</b>	<b>ROOF FLASHINGS FOR MODIFIED &amp; COAL TAR PITCH ROOF SYSTEMS:</b> Minimum 1 Ply of Base Flashing and Mineral Cap Sheet Installed in Hot ASTM D 312 Type III or IV Asphalt		

20.01.01		FLASHING OPTION: Separate Base & Top Ply; BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF	
20.01.02		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
20.01.03		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
20.01.04		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF	
20.01.05		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	SF	
20.01.01		FLASHING OPTION: Separate Base & Top Ply; BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF	
20.01.02		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	
20.01.03		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	
20.01.04		FLASHING OPTION: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	SF	

20.01.05		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile		<b>SF</b>
20.01.06		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile		<b>SF</b>
20.01.07		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile		<b>SF</b>
20.01.08		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile		<b>SF</b>
20.01.09		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile		<b>SF</b>
20.01.10		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile		<b>SF</b>
20.01.11	<b>PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE</b> Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application				<b>SF</b>
20.01.12	<b>PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE</b> Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flashing Adhesive Application				<b>SF</b>
<b>20.02</b>	<b>Torch Applied Flashings -</b> Minimum 1 Ply of Torch Base and Torch Mineral Cap Sheet; Torch Applied				
20.02.01		<b>FLASHING OPTION:</b>	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Torch Applied Flashing Ply - 80 lbf/inch tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 300 lbf/in Tensile Torch Applied Membrane		<b>SF</b>
<b>20.03</b>	<b>Self-Adhering Flashings -</b> Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Self-Adhering				

20.03.01	<b>FLASHING OPTION:</b>	BASE PLY: SBS Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Flashing Ply - 50 lbf/ tensile (ASTM D 5147); TOP PLY: ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Membrane Type III - 130 lbf/in tensile	<b>SF</b>	
<b>20.04</b>	<b>Single-Ply Flashings - Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems</b>			
20.04.01	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	<b>SF</b>	
20.04.02	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	<b>SF</b>	
20.04.03	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	<b>SF</b>	
20.04.04	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	<b>SF</b>	
20.04.05	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	<b>SF</b>	
20.04.06	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	<b>SF</b>	
20.04.07	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	<b>SF</b>	
20.04.08	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	<b>SF</b>	
20.04.09	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	<b>SF</b>	
20.04.10	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	<b>SF</b>	
20.04.11	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	<b>SF</b>	
20.04.12	<b>ROOF MEMBRANE OPTION:</b>	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	<b>SF</b>	
<b>21.00</b>	<b>METAL WALL PANEL SYSTEMS</b>			
<b>21.01</b>	<b>WALL SYSTEM Exposed Fastener Wall Panel System</b>			
21.01.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	<b>SF</b>	
21.01.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	<b>SF</b>	
21.01.03	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Aluminum	<b>SF</b>	
21.01.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 36" Wide Panels	<b>SF</b>	
21.01.05	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	<b>SF</b>	
21.01.06	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Galvalume Coated Steel or Equal	<b>SF</b>	
21.01.07	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.01.08	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	

21.01.09	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.01.10	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga, 36" Wide Panels	<b>SF</b>	
21.01.11	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga, 36" Wide Panels	<b>SF</b>	
21.01.12	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Stainless Steel	<b>SF</b>	
21.01.13	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz., 36" Wide Panels	<b>SF</b>	
21.01.14	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz., 36" Wide Panels	<b>SF</b>	
21.01.15	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Copper	<b>SF</b>	
21.01.16	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032", 36" Wide Panels	<b>SF</b>	
21.01.17	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040", 36" Wide Panels	<b>SF</b>	
21.01.18	<b>PANEL WIDTH OPTION:</b>	Add for 32" Panel Width - Zinc	<b>SF</b>	
21.01.19	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	<b>SF</b>	
21.01.20	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	<b>SF</b>	
21.01.21	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	<b>SF</b>	
21.01.22	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>	
21.01.23	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>	
21.01.24	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Plywood; No Insulation	<b>SF</b>	
<b>21.02</b>	<b>WALL SYSTEM</b> Concealed Fastener Wall Panel System - 12" Wide Panels			
21.02.01	<b>THICKNESS OPTION:</b>	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	<b>SF</b>	
21.02.02	<b>THICKNESS OPTION:</b>	Add for Bare Aluminum, 0.040" Aluminum	<b>SF</b>	
21.02.03	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	<b>SF</b>	
21.02.04	<b>THICKNESS OPTION:</b>	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	<b>SF</b>	
21.02.05	<b>COLOR OPTION:</b>	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.02.06	<b>COLOR OPTION:</b>	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	

21.02.07	<b>COLOR OPTION:</b>	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	<b>SF</b>	
21.02.08	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 24 Ga Thickness	<b>SF</b>	
21.02.09	<b>THICKNESS OPTION:</b>	Stainless Steel Panel Price - 22 Ga Thickness	<b>SF</b>	
21.02.10	<b>THICKNESS OPTION:</b>	Copper Panel Price - 16 Oz Thickness	<b>SF</b>	
21.02.11	<b>THICKNESS OPTION:</b>	Copper Panel Price - 20 Oz Thickness	<b>SF</b>	
21.02.12	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.032" Thickness	<b>SF</b>	
21.02.13	<b>THICKNESS OPTION:</b>	Zinc Panel Price - 0.040" Thickness	<b>SF</b>	
21.02.14	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	<b>SF</b>	
21.02.15	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	<b>SF</b>	
21.02.16	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	<b>SF</b>	
21.02.17	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	Over Plywood; No Insulation	<b>SF</b>	
21.02.18	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>	
21.02.19	<b>PANEL INSTALLATION &amp; INSULATION OPTION:</b>	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	<b>SF</b>	
21.02.20	<b>PANEL TYPE OPTION:</b>	Add for Factory Insulated Concealed Fastener Wall Panel	<b>SF</b>	
<b>21.03</b>	<b>AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONRY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)</b>			
21.03.01	<b>Non-Permeable Option:</b>	Fluid Applied System - ASTM 2178	<b>SF</b>	
21.03.02	<b>Non-Permeable Option:</b>	Fluid Applied Water Based System - ASTM 2178	<b>SF</b>	
21.03.03	<b>Non-Permeable Option:</b>	Membrane System - ASTM E 2178	<b>SF</b>	
21.03.04	<b>Permeable Option:</b>	Fluid Applied System - ASTM E 2178 & ASTM E 96	<b>SF</b>	
21.03.05	<b>Permeable Option:</b>	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	<b>SF</b>	
21.03.06	<b>Permeable Option:</b>	Membrane System - ASTM 2178 & ASTM E 96	<b>SF</b>	
<b>21.04</b>	<b>INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)</b>			
21.04.01	<b>Insulation Option:</b>	1" Rock Wool Insulation Installed	<b>SF</b>	
21.04.02	<b>Insulation Option:</b>	2" Rock Wool Insulation Installed	<b>SF</b>	
21.04.03	<b>Insulation Option:</b>	3" Rock Wool Insulation Installed	<b>SF</b>	

21.04.04	<b>Insulation Option:</b>	4" Rock Wool Insulation Installed	<b>SF</b>	
21.04.05	<b>Insulation Option:</b>	1" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.04.06	<b>Insulation Option:</b>	2" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.04.07	<b>Insulation Option:</b>	3" Extruded Polystyrene Insulation Installed	<b>SF</b>	
21.04.08	<b>Insulation Option:</b>	4" Extruded Polystyrene Insulation Installed	<b>SF</b>	
<p><b>JOB SITE SPECIFIC MULTIPLIERS</b>  The multipliers are applied to all line items in total (unless the contrary is specifically identified in the description) for the project because the conditions they address effect overall labor production, construction complexity and/or equipment requirements. Multiple Job Site Specific Multipliers can be used on a single project, but they are not meant to compound on each other.  <b>For Reference: Attachment B Pricing in this IFB is for material, equipment, tools, labor and supervision necessary to install the line item. It is based upon a 200 - 300 square roofing project that is being performed on a box- or rectangular-shaped building. It is also assumed that the project will have only one roof level that is not more than 20 ft high from the ground. The roof is anticipated to have clear access point and minimal penetrations/obstructions. It is also based upon a 200 - 300 square masonry, wall panel or waterproofing project. The exterior sides of the building are assumed to be box- or rectangular- shaped with minimal doors, windows, penetrations or obstructions. It is anticipated that the sides of the building will have clear tie-off points and easy to access while work is being performed.</b></p>				
22.00				
22.01	<p><b>MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS</b>  Multiplier is applied when labor production is effected by roof or building access. Situations that can cause roof access to be more difficult include, but are not limited to: no access for lifts or cranes, access is dependent upon road closure, access point requires the closure of a building entrance, roof level is not accessible from the ground, roof area is interior to adjacent roofs or roof materials and materials and equipment must be loaded to one roof area and carried to another roof area, roof materials and equipment must be carried to the roof through an interior building access point, no or limited staging areas on the ground, etc.</p>		%	
22.02	<p><b>MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR WALLS</b>  Multiplier is applied when labor production is effected daily by the lost time in getting through security or getting access to the job site. Situations include, but are not limited to clearing each employee and all tools through metal detectors, passing through security gates with vehicles, tradespeople and equipment, stringent background checks or higher clearance levels, etc.</p>		%	
22.03	<p><b>MULTIPLIER - MULTIPLE MATERIAL STAGINGS</b>  Multiplier is applied when labor production is effected by the time it takes to stage a roof multiple times. Situations include, but are not limited to staging materials to perform work on multiple roof levels, planned shutdowns and restarts, portion of the job is over sensitive work areas requiring staging from more than one point, etc.</p>		%	
22.04	<p><b>MULTIPLIER - ACCELERATED SCHEDULE</b>  Multiplier is applied when increased labor burdens are required due to an accelerated work schedule. Situations include, but are not limited to requiring multiple concurrent trade crews beyond what is normally expected for project size, work to be performed on two (back-to-back) shifts, work requires larger than standard crew sizes, etc.</p>		%	
22.05	<p><b>MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS</b>  Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.</p>		%	
22.06	<p><b>MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS</b>  Multiplier is applied when labor production is effected a large number of roof penetrations, a limited amount of open roof areas or low overhead clearance requiring more hand work. Situations include, but are not limited to rooftop penetrations like: soil stacks, sky lights, roof drains, exhaust vents, HVAC equipment, etc. or rooftop obstructions such as: pipes, duct work, electrical wires, hoses or raised equipment, etc.</p>		%	
22.07	<p><b>MULTIPLIER - CLEARANCE RESTRICTIONS REQUIRE WORKING FROM KNEE-LEVEL OR BELOW (APPLIES TO ONLY THE EFFECTED ROOF AREA)</b>  Multiplier is applied when labor production is effected by height restrictions. Situations that can cause low overhead clearance requiring more hand work include, but are not limited to rooftop equipment.</p>		%	
22.08	<p><b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES</b>  Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 2 stories, but are less than or equal to an estimated 5 stories. Additional roof height can require increased safety requirements, larger lift equipment, tie-offs, etc.</p>		%	
22.09	<p><b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN OR EQUAL TO 100 FT</b>  Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 5 stories, but are less than or equal to an estimated 10 stories. Additional roof height can require increased safety requirements, larger crane equipment, tie-offs, etc.</p>		%	

22.10	<b>MULTIPLIER - ROOF HEIGHT IS GREATER THAN 100 FT</b> Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 10 stories. Additional roof height can require increased safety requirements, larger crane equipment, tie-offs, etc.	%	
22.11	<b>MULTIPLIER - WALL COATING, MASONRY REPAIRS OR WATERPROOFING REQUIRES A SWING STAGE</b> Multiplier is applied when labor production is effected by the requirement to use a swing stage. This multiplier applies to wall coatings, masonry repairs or waterproofing work that requires the use of a swing stage.		
22.12	<b>MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE</b> Multiplier is applied when labor production is effected because the roof area is not a box- or rectangular-shaped. Situations considered to be non-standard architecture can include, but are not limited roof areas that contains sharp angles and/or curves, have multiple roof area dividers or expansion joints, long and narrow	%	
22.13	<b>MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE</b> Multiplier is applied when Roof Area has a Greater than 4/12 Slope, Steeper slope reduces overall labor production and requires additional safety precautions.	%	
22.14	<b>MULTIPLIER - ROOF HAS GREATER THAN 8/12 SLOPE</b> Multiplier is applied when Roof Area has a Greater than 8/12 Slope; Very steep slopes have a greater impact on overall labor production and require additional safety precautions.	%	
22.15	<b>MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF</b> Multiplier is applied when Roof Size is less than 500 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.16	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 500 SF, BUT LESS THAN 1,000 SF</b> Multiplier is applied when Roof Size is greater than 500 SF, but less than 1,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.17	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF</b> Multiplier is applied when Roof Size is greater than 1,000 SF, but less than 2,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.18	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF</b> Multiplier is applied when Roof Size is greater than 2,000 SF, but less than 3,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	%	
22.19	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF</b> Multiplier is applied when Roof Size is greater than 3,000 SF, but less than 5,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	%	
22.20	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF</b> Multiplier is applied when Roof Size is greater than 5,000 SF, but less than 10,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	%	
22.21	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF</b> Multiplier is applied when Roof Size is greater than 10,000 SF, but less than 20,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across more of an average roof area resulting in fixed costs being a slightly larger portion of the overall job costs	%	
22.22	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 30,000 SF, BUT LESS THAN 50,000 SF</b> Multiplier is applied when Roof Size is greater than 30,000 SF, but less than 50,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a larger than average roof area resulting in fixed costs being a lower portion of the overall job costs	%	
22.23	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 50,000 SF, BUT LESS THAN 100,000 SF</b> Multiplier is applied when Roof Size is greater than 50,000 SF, but less than 100,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a large roof area resulting in fixed costs being a small impact on the overall job costs	%	
22.24	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 100,000 SF, BUT LESS THAN 200,000 SF</b> Multiplier is applied when Roof Size is greater than 100,000 SF, but less than 200,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across larger roof area resulting in fixed costs being a slight impact on the overall job costs	%	
22.25	<b>MULTIPLIER - ROOF SIZE IS GREATER THAN 200,000 SF</b> Multiplier is applied when Roof Size is greater than 200,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across very large roof area resulting in fixed costs being a minimal impact on the overall job costs	%	

<b>Cleaning &amp; Caulking</b>			
23.01	Pressure Wash to Clean Horizontal Surfaces	SF	
23.02	Pressure Wash to Clean Vertical Surfaces	SF	
23.03	Pressure Wash with TSP or Simple Green to Clean Horizontal Surfaces	SF	
23.04	Pressure Wash with TSP or Simple Green to Clean Vertical Surfaces	SF	
23.05	Use a Brush to Wash Surface with TSP or Simple Green to Clean Horizontal Surfaces	SF	
23.06	Use a Brush to Wash Surface with TSP or Simple Green to Clean Vertical Surfaces	SF	
23.07	Prime Existing Asphalt-Based Roof Surface	SF	
23.08	Blow-Off Surface Area with Portable Blower to Remove Moisture	SF	
23.09	Spud and Scrape Aggregate from Roof Surface Asphalt BUR (Size Reference: 100' X 12")	SF	
23.10	Spud and Scrape of Aggregate from Roof Surface Coal Tar BUR (Size Reference: 100' X 12")	SF	
23.11	Remove & Dispose Loose Aggregate from Roof Surface (Wet Vac)	SF	
23.12	Power Broom Roof Surface	SF	
23.13	Remove & Dispose Ballast from Roof Surface	SF	
23.14	Remove & Dispose Ballast from Roof Surface at Approved Disposal Site	SF	
23.15	Remove Ballast from Roof Surface & Save for Reuse	SF	
23.16	Scrape / Sand Loose Paint from Exterior Building Surfaces and Clean-Up Debris	SF	
23.17	Sandblasting Paint from Exterior Building Surfaces and Re-Claim Sand	SF	
23.18	Apply Coating (Paint) to Horizontal Surface	SF	
23.19	Apply Coating (Paint) to Vertical Surface	SF	
23.20	Caulking: Remove Existing Caulking & Clean and Prime Joint	LF	
23.21	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter	LF	
23.22	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF	
23.23	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/4" Diameter	LF	
23.24	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1" Diameter	LF	
<b>Masonry section</b>			<b>UNIT \$ per Unit</b>
23.25	Remove and Reset Bricks; 1-50 SF	SF	
23.26	Remove and Reset Bricks; Over 50 SF	SF	
23.27	Remove and Reset Blocks	SF	
23.28	Remove and Reset Coping Stones	Each	
23.29	Remove Bricks, Blocks, Coping Stones; 1-50 SF	SF	
23.30	Remove Bricks, Blocks, Coping Stones; Over 50 SF	SF	
<b>Brick, block and brick exterior wall maintenance, repair and application of protective coatings.</b>			<b>UNIT \$ per Unit</b>
23.31	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise)	Each	
23.32	Selective Demolition of Brick Masonry Units with perimeter saw cutting	SF	
<b>Selective Demolition of Mortar Joint with Perimeter Saw cutting</b>			<b>UNIT \$ per Unit</b>
23.33	Removal of existing mortar ( 1/2" wide by 3/4" depth)	SF	
23.34	Removal of existing mortar (3/4" wide by 3/4" depth)	SF	
23.35	Removal of existing mortar (1/2" wide by 1 1/2" depth)	SF	
23.36	Removal of existing mortar (3/4" wide by 1 1/2" depth)	SF	
<b>New Pointing Work</b>			<b>UNIT \$ per Unit</b>
23.37	Furnish and install new mortar (1/2" wide by 3/4" depth)	SF	
23.38	Furnish and install new mortar (3/4" wide by 3/4" depth)	SF	
23.39	Furnish and install new mortar (1/2" wide by 1 1/2" depth)	SF	
23.40	Furnish and install new mortar (3/4" wide by 1 1/2" depth)	SF	
<b>Removal of Roof Parapets</b>			<b>UNIT \$ per Unit</b>
23.41	Removal of parapet wall (24" high)	SF	
23.42	Removal of parapet wall (42" high)	SF	
23.43	Removal of parapet wall (24" high)	SF	
23.44	Removal of parapet wall (42" high)	SF	
<b>Reconstruction of Brick Masonry Roof Parapets</b>			<b>UNIT \$ per Unit</b>
23.45	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.46	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
23.47	New brick masonry parapet w/stone coping and flashings (24" high)	SF	
23.48	New brick masonry parapet w/stone coping and flashings (42" high)	SF	
<b>New Through wall Flashings</b>			<b>UNIT \$ per Unit</b>
23.49	Removal of 4 courses brick wall w/Temporary Shoring	SF	
23.50	Removal and replacement of steel lintel	SF	
23.51	Furnish and install new flashings (Bituthane)	SF	
23.52	Furnish and install new flashings (Lead coated copper)	SF	

23.53	Furnish and Install New Brick Masonry w/Weep Holes and Screens	SF	
23.54	Parging and waterproofing of back-up wall	SF	
<b>Roof Coping Stones.</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.55	Removal of existing roof coping stones (16 inches)	SF	
23.56	Removal and parging of existing substrate	SF	
23.57	Furnish and install new lead coated copper flashings	SF	
23.58	Drilling and epoxy grouting stainless steel pins	SF	
23.59	Reinstallation of existing stones with cleaning	SF	
23.60	Furnish and install new coping stones	SF	
23.61	Furnish and install new sealants between coping stones.	SF	
23.62	Cleaning and coating of existing stones.	SF	
<b>CMU Backup Wall Repair and Waterproofing.</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.63	Replacement of Deteriorated CMU Back-up	SF	
23.64	Parging of CMU back-up wall	SF	
23.65	Waterproofing of back-up wall	SF	
<b>Crack Repair</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.66	Drill and install new stainless steel pins.	Each	
23.67	Grouting of open cracks	SF	
23.68	Replacement of cracked bricks	SF	
<b>New Concrete and Coating</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.69	Placement of new high strength patching mortar (2" depth)	SF	
23.70	Placement of new high strength patching mortar (3.5" depth).	SF	
23.71	Cleaning and coating of concrete surface.	SF	
23.72	Sidewalk Bridging.	SF	
23.73	Temporary Roof Protection	SF	
<b>Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.74	Install & Connect new 4" roof drain & Flashing; Excluding Plumbing	EA	
23.75	Install & Connect new 6" roof drain & Flashing; Excluding Plumbing	EA	
23.76	Install & Connect new 8" roof drain & Flashing; Excluding Plumbing	EA	
23.77	Pitch pocket, 24 gauge, GI, 12" x 12", with storm collar, hemmed to outside, soldered corners and seams	EA	
23.78	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	EA	
23.79	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	EA	
23.80	Plumbing stack, 16 oz. copper flashing	EA	
23.81	Plumbing stack, 24 gad Zinc flashing	EA	
23.82	Plumbing stack, 4# lead flashing	EA	
23.83	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight	EA	
23.84	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners	EA	
23.85	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit	EA	
23.86	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit	EA	
23.87	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds	EA	
23.88	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit	EA	
23.89	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight	EA	
23.90	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit	EA	
23.91	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler	EA	
23.92	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	
23.93	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit	EA	
23.94	Installation of Roof Curbs 2" X 4"	LF	
23.95	Installation of Roof Curbs 2" X 6"	LF	
23.96	Installation of Roof Curbs 2" X 8"	LF	
23.97	Installation of Coping/Edge Nailers 2" X 4"	LF	
23.98	Installation of Coping/Edge Nailers 2" X 6"	LF	
23.99	Installation of Coping/Edge Nailers 2" X 8"	LF	
23.100	Installation of Coping/Edge Nailers 2" X 10"	LF	
23.101	Installation of Coping/Edge Nailers 2" X 12"	LF	
23.102	Installation of Coping/Edge Nailers 2" X 14"	LF	
23.103	Installation of Coping/Edge Nailers 2" X 16"	LF	
23.104	Provide a cast iron drain strainer	EA	
23.105	Reflash existing roof drain	EA	
23.106	Scupper, .050 Aluminum, match existing configuration	LF	

23.107	Scupper, 16 oz Copper, match existing configuration	LF	
23.108	Scupper, 20 gad Stainless Steel, match existing configuration	LF	
23.109	Sleeper Cap - 24 Gad Galvanized	LF	
<b>Roof Accessories</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.110	Walkway Pads		
23.111	30" wide roll goods, tape attached	EA	
23.112	30" wide roll, hot asphalt attached	EA	
23.113	30" wide roll, adhesive attached	EA	
23.114	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	
23.115	Roof ladder, security ladder guard	EA	
23.116	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code	EA	
23.117	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	EA	
23.118	Roof ventilators	EA	
23.119	Termination bar, aluminum, 1/4" x 1"	LF	
<b>Common Roof Repair Items</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.120	3-Course Application; Mastic-Mesh-Mastic; 15" Wide Total; 12" Wide Mesh	LF	
23.121	3-Course Application; Mastic-Mesh-Mastic; 9" Wide Total; 6" Wide Mesh	LF	
23.122	3-Course Application; Urethane-Reinforcement-Urethane (< 500 SF)	SF	
23.123	3-Course Application; Urethane-Reinforcement-Urethane (> 500 SF)	SF	
23.124	Install Self-Adhering Cap Sheet Over Repair Area (< 500 SF)	SF	
23.125	Install Self-Adhering Cap Sheet Over Repair Area (> 500 SF)	SF	
23.126	Torch Cap Sheet Over Repair Area (< 500 SF)	SF	
23.127	Torch Cap Sheet Over Repair Area (> 500 SF)	SF	
23.128	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (< 500 SF)	SF	
23.129	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (> 500 SF)	SF	
<b>Leak Response &amp; Preventive Maintenance</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.153	Leak Response Work Order Tracking & Dispatch	EA	
23.154	Leak Response Completion Report with Back-Up	EA	
23.155	Preventive Maintenance (Single Campus - All Roof Sections)	SF	
23.156	Preventive Maintenance (Multiple Campuses City-/County-wide - All Roof Sections)	SF	
23.157	Preventive Maintenance (Multiple Campuses State-wide - All Roof Sections)	SF	
23.155	Preventive Maintenance Performed Concurrent with Visual Inspection (Single Campus - All Roof Sections)	SF	
23.156	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses City-/County-wide - All Roof Sections)	SF	
23.157	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses State-wide - All Roof Sections)	SF	
23.158	Preventive Maintenance Completion Report with Back-Up	EA	
<b>Equipment</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.159	Forklift/Manlift Equipment Rental	DAY	
23.160	Crane Equipment Rental - up to 80'	DAY	
23.161	Crane Equipment Rental - up to 150'	DAY	
23.162	Manlift per day	DAY	
23.163	Skytrack	DAY	
23.164	Additional Equipment (rental) % off published price	%	
<b>Other Services</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.165	Demobilization - Pre-Planned or Additional Un-planned	EA	
23.166	Remobilization - Pre-Planned or Additional Un-planned	EA	
<b>Additional repair options</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.167	Option 1: Cost of Quote Plus Mark-Up (Used when repair and installation services line item pricing is not available and services performed are to be performed by a contractor. Requires a quote on corporate letterhead that cannot exceed \$25,000) Cost plus added to quote	%	
23.168	Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available) Cost plus added to catalog pricing	%	
<b>Catalog Pricing</b>		<b>UNIT</b>	<b>\$ per Unit</b>
23.169	Please provide a price list with your complete material catalog(s) - A manufacturers catalog can be used. You may provide a net-price or a catalog with a discount.		
<b>Green Roofing</b>		<b>UNIT</b>	<b>\$ per Unit</b>

23.170	Please provide your green environmentally friendly roofing options, please provide as much information as possible to include line items necessary to complete a green roof		
--------	---	--	--

**Sheet Metal Accessories Covered Under these Pricing Tables:**

- Drip Edge
- Gravel Stop
- Gutters, Straps, Hangers & Fasteners
- Coping
- Surface Mounted Counter Flashing
- Reglet Mounted Counter Flashing
- Skirt Flashing
- Expansion Joints
- Miscellaneous Metal Fabricated Details

**Aluminum**

Size / Gauge	.032	.040	.050	.063
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
<b>Price Per Bend</b>				

**Stainless Steel & Copper**

Size / Gauge / Thickness	SS 24 Ga	SS 26 Ga	Copper 16 oz	Copper 20 oz
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
<b>Price Per Bend</b>				

**Kynar Coated Steel**

Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				

**Galvanized Steel**

Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				
Price Per Bend				

**Caulking Chart pricing per Linear Foot Installed**  
**2 Component Epoxied Urethane Compound**

Joint Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**Caulking Chart pricing per Linear Foot Installed**  
**1 Component Polyurethane**

Joint Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**Caulking Chart pricing per Linear Foot Installed**  
**1 Component Silicone Rubber**

Joint Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"													
3/16"													
1/4"													
5/16"													
3/8"													
7/16"													
1/2"													
5/8"													
3/4"													
7/8"													
1"													
1-1/8"													
1-1/4"													

**Line Item Multiplier to Adjust Labor Costs Based Upon the Prevailing Wage Rate. Prevailing wage found at <http://www.wdol.gov/dba.aspx#0>**

Journeyman Prevailing Wage Rate	Multiplier for Prevailing Wage Rates		
	Roofer	Mason	Sheet Metal
\$10.00			
\$12.50			
\$15.00			
\$17.50			
\$20.00			
\$22.50			
\$25.00			
\$27.50			
\$30.00			
\$32.50			
\$35.00			
\$37.50			
\$40.00			
\$42.50			
\$45.00			
\$47.50			
\$50.00			
\$52.50			
\$55.00			
\$57.50			
\$60.00			
\$62.50			
\$65.00			
\$67.50			
\$70.00			
\$72.50			
\$75.00			
\$77.50			
\$80.00			
\$82.50			
\$85.00			
\$87.50			
\$90.00			
\$92.50			
\$95.00			
\$97.50			
\$100.00			
\$102.50			
\$105.00			
\$107.50			
\$110.00			
\$112.50			
\$115.00			
\$117.50			
\$120.00			

# TALLAHASSEE DEMOCRAT

## Tallahassee.com

A GANNETT COMPANY

### PUBLIC NOTICE

Attn:  
PHASE:3  
109 WESTPARK DRIVE  
BRENTWOOD, 37027

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

### STATE OF FLORIDA COUNTY OF LEON:

Before the undersigned authority personally appeared Mitchel Schmitz, who on oath says that he or she is a Legal Advertising Representative of the Tallahassee Democrat, a daily newspaper published at Tallahassee in Leon County, Florida; that the attached copy of advertisement, being a Legal Ad in the matter of

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

### NOTICE

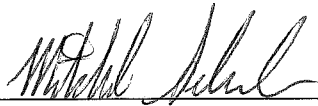
In the Second Judicial Circuit Court was published in said newspaper in the issues of:

BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com. Publication: 8/9/2019.

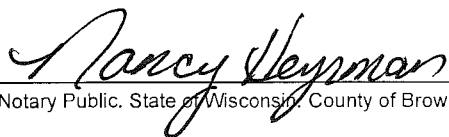
08/09/19

Affiant further says that the said Tallahassee Democrat is a newspaper published at Tallahassee, in the said Leon County, Florida, and that the said newspaper has heretofore been continuously published in said Leon County, Florida each day and has been entered as periodicals matter at the post office in Tallahassee, in said Leon County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he or she has never paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and Subscribed before me this 9th of August 2019, by Mitchel Schmitz who is personally known to me.



Affiant



Notary Public, State of Wisconsin, County of Brown

NANCY HEYRMAN  
Notary Public  
State of Wisconsin

5.15.23

My commission expires

# TIMES UNION

**timesunion.com**

Albany Times Union  
News Plaza  
Box 15000  
Albany, New York 12212

PHASE 3 MARKETING & COMMUNICATIONS  
109 WESTPARK DRIVE  
SUITE 360  
BRENTWOOD, TN 37027

Account Number: 600110312  
Order Number: 0004069899  
Order Invoice Text: (IFB No. PW1908 -

T Tomes / R Bernard / T Duquette / P Sheehan / A Rubel of the city of Albany, being duly sworn, says that he/she is principal Clerk of THE TIMES UNION, a daily newspaper printed in the county of Albany, Town of Colonie, and Published in the County of Albany, Town of Colonie and the city of Albany, aforesaid and that notice of which a printed copy is annexed has been regularly published in the said ALBANY TIMES UNION on the following dates

08-10-2019



Sworn to before me, this 12 day of August 2019.



Notary Public  
Albany County

TRACI RABIDOU  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01RA6319968  
Qualified in Albany County  
My Commission Expires 03-02-2023

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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**BID DUE DATE:**  
September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

TU1t 4069899

PNI-Arizona Business Gazette

**AFFIDAVIT OF PUBLICATION**

**PHASE:3**  
**109 WESTPARK DRIVE, SUITE 360**  
**BRENTWOOD, TN 37027**

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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**BID DUE DATE:** September 9, 2019 BEFORE 2:00 PM CT. **CONTACT:** Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.  
Pub: Aug 8, 2019

Order # 0003723996 # of Affidavits 1

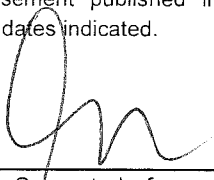
P.O # PW1908

Published Date(s):

08/08/19

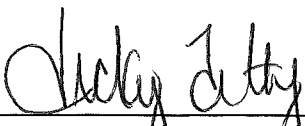
STATE OF WISCONSIN }  
COUNTY OF BROWN } SS.

I, being first duly sworn, upon oath deposes and says: That I am the legal clerk of the Arizona Republic, a newspaper of general circulation in the counties of Maricopa, Coconino, Pima and Pinal, in the State of Arizona, published weekly at Phoenix, Arizona, and that the copy hereto attached is a true copy of the advertisement published in the said paper on the dates indicated.



Sworn to before me this

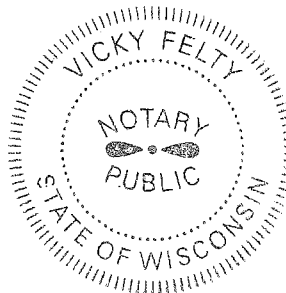
8 TH day of  
AUGUST 2019



Notary Public

9/19/21

My Commission expires: \_\_\_\_\_



AFFIDAVIT OF PUBLICATION

# DJC



921 S.W. Washington St. Suite 210 / Portland, OR 97205-2810  
(503) 226-1311

STATE OF OREGON, COUNTY OF MULTNOMAH--ss.

I, **Michelle Ropp**, being first duly sworn, depose and say that I am a **Principal Clerk** of the **Daily Journal of Commerce**, a newspaper of general circulation in the counties of CLACKAMAS, MULTNOMAH, and WASHINGTON as defined by ORS 193.010 and 193.020; published at Portland in the aforesaid County and State; that I know from my personal knowledge that the Goods and Services notice described as

**Case Number: NOT PROVIDED**

**ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES  
Racine County; Bid Location Racine, WI, Racine County; Due 09/09/2019 at 02:00 PM**

a printed copy of which is hereto annexed, was published in the entire issue of said newspaper for 1 time(s) in the following issues:

8/9/2019

State of Oregon  
County of Multnomah

SIGNED OR ATTESTED BEFORE ME  
ON THE 9th DAY OF August, 2019

*Michelle Ropp*

Michelle Ropp

*Selah Farmer*

Notary Public-State of Oregon



**RACINE COUNTY, WISCONSIN  
ROOFING SUPPLIES AND SERVICES,  
WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES  
Bids Due 2:00 pm, September 9, 2019  
INVITATION TO BID**  
Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.  
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September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com).  
Published Aug. 9, 2019. 11778287

**Rich Melin**  
**National Ipa**  
109 Westpark Dr Ste 360  
Brentwood, TN 37027-5062

Order No.: 11778287  
Client Reference No:

4770 S. 5600 W.  
WEST VALLEY CITY, UTAH 84118  
FED. TAX I.D.# 87-0217663  
801-204-6910

Deseret News



The Salt Lake Tribune

**PROOF OF PUBLICATION CUSTOMER'S COPY**

CUSTOMER NAME AND ADDRESS ACCOUNT NUMBER

PHASE 3, ACCOUNTS PAYABLE 9001501174  
109 WESTPARK DR STE 360  
BRENTWOOD TN 37027 DATE 8/8/2019

ACCOUNT NAME

PHASE 3, TELEPHONE ORDER # / INVOICE NUMBER  
6155674070 0001263462 /

PUBLICATION SCHEDULE  
START 08/08/2019 END 08/08/2019

CUSTOMER REFERENCE NUMBER  
Omnia Contract PW1908 Roofing Supplies

CAPTION

PUBLIC NOTICE Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908).

SIZE

41 LINES 1 COLUMN(S)

TIMES TOTAL COST  
2 69.78

**PUBLIC NOTICE**  
Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.  
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**AFFIDAVIT OF PUBLICATION**

AS NEWSPAPER AGENCY COMPANY, LLC dba UTAH MEDIA GROUP LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **PUBLIC NOTICE Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Relate** FOR **PHASE 3**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba UTAH MEDIA GROUP, AGENT FOR DESERET NEWS AND THE SALT LAKE TRIBUNE, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 08/08/2019 End 08/08/2019

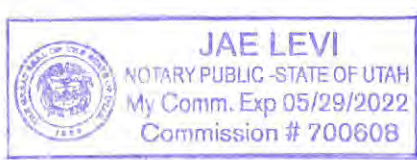
DATE 8/8/2019 SIGNATURE *[Signature]*

STATE OF UTAH )

COUNTY OF SALT LAKE )

SUBSCRIBED AND SWORN TO BEFORE ME ON THIS 8TH DAY OF AUGUST IN THE YEAR 2019

BY LORRAINE GUDMUNDSON.



*[Signature]*  
NOTARY PUBLIC SIGNATURE

Page : 1 of 1 08/07/2019 16:22:48

Order Number : 20457629  
PO Number : Rich Melin  
Customer : 60036285 Phase 3 Marketing & Communi  
Contact : Sydney Rubin  
Address1 : 109 Westpark Drive  
Address2 : Suite 360  
City St Zip : Brentwood TN 37027  
Phone :   
Fax :   
Printed By : Billie Jo Williams  
Entered By : Billie Jo Williams  
Keywords : Region 4 Education Service Center is requesting pr  
Notes :  
Zones :

Ad Number : 11013739  
Ad Key :  
Salesperson : Legal - Legals - Helena  
Publication : Independent Record  
Section : Class Section  
Sub Section : Legal  
Category : 9999 Legals  
Dates Run : 08/08/2019-08/08/2019  
Days : 1  
Size : 2 x 2.20, 19 lines  
Words : 108  
Ad Rate : Legal Line  
Ad Price : 72.82  
Amount Paid : 0.00  
Amount Due : 72.82

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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BID DUE DATE:

September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

August 8, 2019 **MNAXLP**

**AFFIDAVIT OF PUBLICATION  
STATE OF MONTANA,  
County of Lewis & Clark**

Cathyann Christian

Being duly sworn, deposes and says;

That she is the principal clerk of the Independent Record, a newspaper of general circulation published daily in the City of Helena, in the County of Lewis & Clark, State of Montana, and has charge of the advertisement thereof:

That the Requesting Bids

a true copy of which is hereto annexed, was published in said newspaper on the following dates: viz.:

August 8, 2019

making in all 1 publication(s)



Subscribed and sworn to me this 8 day of August, 2019.



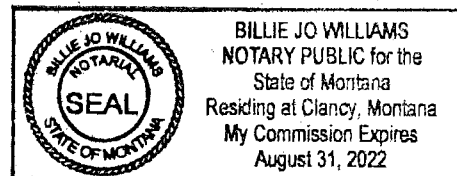
Notary Public for the State of Montana

Printed Name: Billie Jo Williams

Residing at Clancy, Montana 59634

My commission expires August 31, 2022

(Notary Seal)



Certificate of the Publisher

The Herald-News

Description:OMNIA CONTR. PW1908 ROOF  
1690957  
OMNIA CONTR PW1908

PHASE 3 MARKETING & COMMUNICATIONS  
P O BOX 680758  
MARIETTA GA 30068

Shaw Media certifies that it is the publisher of The Herald-News.  
The Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Joliet, County of Will, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time(s) in The Herald-News, namely one time per week for one successive week(s). Publication of the notice was made in the newspaper, dated and published on 08/08/2019

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its publisher, at Joliet, Illinois, on 8th day of August, A.D. 2019

Shaw Media By:



J. Tom Shaw, Publisher

Account Number 10174037

Amount \$85.10

**PUBLIC NOTICE**

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids>

or from the Purchasing office.

**NON-MANDATORY PRE-BID CONFERENCE:** Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

**BID DUE DATE:** September 9, 2019 BEFORE 2:00 PM CT. **CONTACT:** Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

(Published in Herald-News August 8, 2019)1690957

AFFIDAVIT OF PUBLICATION

IN THE MATTER OF  
(IFB No. PW1908) Roofing Supplies and Services, Waterproofing,  
and Related Products and Services

}  
}  
}  
}  
}  
}

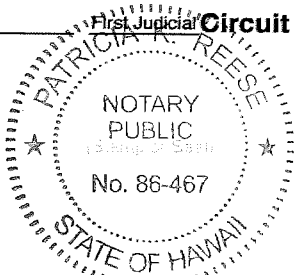
STATE OF HAWAII }  
} SS.  
City and County of Honolulu }

Doc. Date: AUG - 8 2019 # Pages: 1

Notary Name: Patricia K. Reese

Doc. Description: Affidavit of  
Publication

*Patricia K. Reese* AUG - 8 2019  
Notary Signature Date



Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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BID DUE DATE:  
September 9, 2019 BEFORE 2:00 PM CT. CONTACT:  
Duane McKinney, Purchasing Coordinator, 262-636-3700 or [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com),  
(SA1222121 8/8/19)

Gwyn Pang being duly sworn, deposes and says that she is a clerk, duly authorized to execute this affidavit of Oahu Publications, Inc. publisher of The Honolulu Star-Advertiser, MidWeek, The Garden Island, West Hawaii Today, and Hawaii Tribune-Herald, that said newspapers are newspapers of general circulation in the State of Hawaii, and that the attached notice is true notice as was published in the

- Honolulu Star-Advertiser 1 times on:  
08/08/2019
- MidWeek 0 times on:
- The Garden Island 0 times on:
- Hawaii Tribune-Herald 0 times on:
- West Hawaii Today 0 times on:
- Other Publications: 0 times on:

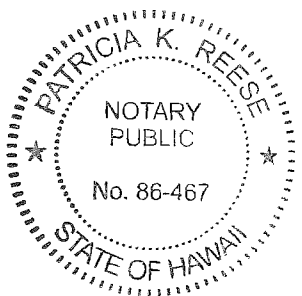
And that affiant is not a party to or in any way interested in the above entitled matter.

Gwyn Pang  
Gwyn Pang

Subscribed to and sworn before me this 8 day of August A.D. 20 19

Patricia K. Reese  
Patricia K. Reese, Notary Public of the First Judicial Circuit, State of Hawaii  
My commission expires Oct 07, 2022

Ad# 0001222121



SP.NO.: \_\_\_\_\_ L.N.



## AFFIDAVIT OF PUBLICATION

## STATE OF TEXAS:

Before me, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared, the Newspaper Representative at the HOUSTON CHRONICLE, a daily newspaper published in Harris County, Texas, and generally circulated in the Counties of: HARRIS, TRINITY, WALKER, GRIMES, POLK, SAN JACINTO, WASHINGTON, MONTGOMERY, LIBERTY, AUSTIN, WALLER, CHAMBERS, COLORADO, BRAZORIA, FORT BEND, GALVESTON, WHARTON, JACKSON, and MATAGORDA and that the publication, of which the annexed herein, or attached to, is a true and correct copy, was published to-wit:

---

PHASE 3 MARKETING COMMUNICAT      0000199731      HC085601320  
 RAN A LEGAL NOTICE  
 SIZE BEING: 2 x19 L

Product	Date	Class	Page
CNCY-Cypress Creek Mirror (Cypress/Cy-F:	Aug 14 2019	Legal Notices	
CNCH-Cypress Creek Mirror (Champions/KI	Aug 14 2019	Legal Notices	
CNPM-Magnolia Potpourri	Aug 14 2019	Legal Notices	
CNPO-Tomball Potpourri	Aug 14 2019	Legal Notices	
CNCY-Cypress Creek Mirror (Cypress/Cy-F:	Aug 21 2019	Legal Notices	
CNCH-Cypress Creek Mirror (Champions/KI	Aug 21 2019	Legal Notices	
CNPM-Magnolia Potpourri	Aug 21 2019	Legal Notices	

Product  
CNPO-Tomball Potpourri

Date  
Aug 21 2019

Class  
Legal Notices

Page

Victoria Bond A K Cuk  
NEWSPAPER REPRESENTATIVE

Sworn and subscribed to before me, this 27th Day of August A.D. 2019



Charles E. Walichowski  
Notary Public in and for the State of Texas

**Racine County, Wisconsin** is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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BID DUE DATE:  
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Purchasing Coordinator, 262-636-3700 or  
[Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com).

AFFIDAVIT OF PUBLICATION

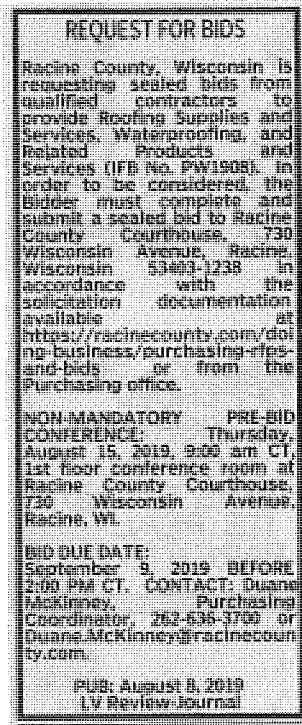
STATE OF NEVADA)  
COUNTY OF CLARK) SS:

PHASE 3 MARKETING & COMM  
SUITE 360  
109 WESTPARK DRIVE  
BRENTWOOD TN 37027

Account # 170430  
Ad Number 0001063044

Leslie McCormick, being 1st duly sworn, deposes and says: That she is the Legal Clerk for the Las Vegas Review-Journal and the Las Vegas Sun, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy attached for, was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 08/08/2019 to 08/08/2019, on the following days:

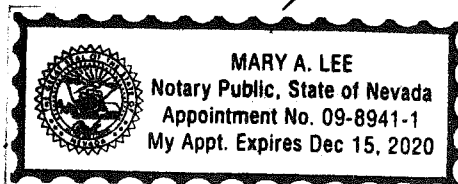
08 / 08 / 19



*LS/ [Signature]*  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 8th day of August, 2019

Notary *[Signature]*



TO: BRITTANY RAINONE  
109 WESTPARK DRIVE, SUITE 360  
BRENTWOOD, TN 37027

choose to know

**Montgomery Advertiser**  
montgomery-advertiser.com

Daily-Montgomery, Montgomery County, AL,

E-Verify#: DHS72179

**PROOF OF PUBLICATION**

State of Alabama

County of Montgomery:

Before the undersigned authority personally appeared Crystal Jones who on oath, says that she is a personal representative of the *Montgomery Advertiser*, a daily newspaper published in Montgomery, Alabama; that the attached copy of advertisement, being a Legal in the matter of:

**RACINECOUNTYWISCONSINISREQUESTINGSEALEDBIDSFROM**

Ad Number: 0003728949

Was published in said newspaper in the issue(s) of:

08/12/19, 08/19/19, 08/26/19

Affiant further says that the said *Montgomery Advertiser* is a newspaper published in said Montgomery County, Alabama, and that the said newspaper has heretofore been published in said Montgomery County, Alabama, and has been entered as second class matter at the Post Office in said Montgomery County, Alabama, for a period of one year next preceeding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Now due on said account is \$205.80

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_  
by Crystal Jones who is personally known to me.

27th August 2019

*[Handwritten Signature]*

Affiant

*[Handwritten Signature: Shalawn Williams]*

Notary Public

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (FB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.  
  
NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.  
  
BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT.  
CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com).  
Mont. Adv 8/12, 8/19, 8/26/2019 3728949

PHASE 3 MARKETING AND COMMUNICATIONS  
309 WESTPARK DRIVE, SUITE 360  
BRENTWOOD, TN 37027

Acct Number: 19030  
Ad Number: 0000227510  
Insertions: 1 Total: \$13.20  
Affidavit: \$7.50  
Total: \$20.70

**AFFIDAVIT OF PUBLICATION**

**NEW JERSEY, SUSSEX COUNTY, ss**

Naomi Korkes, of full age being duly sworn, did depose and say that the notice hereto attached was published in THE NEW JERSEY HERALD and/or NEW JERSEY SUNDAY HERALD a newspaper printed and circulated in said county on 08/08/2019.

Sworn and subscribed before me this 8th day of August, 2019



Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT.  
CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com).

August 8, 19pfs\$13.20  
0000227510 NJH



DARIA JEAN SORGINE  
NOTARY PUBLIC OF NEW JERSEY  
Comm. # 2457972  
My Commission Expires 6/22/2023

# Richmond Times-Dispatch

Advertising Affidavit

Account Number

6067881

300 E. Franklin Street  
Richmond, Virginia 23219  
(804) 649-6208

Date

August 08, 2019

PHASE: 3 MARKETING AND COMMUNICATIONS  
109 WESTPARK DRIVE  
SUITE 360  
BRENTWOOD, TN 37027

Date	Category	Description	Ad Size	Total Cost
08/17/2019	Propos-Sld Bids-RFP	Racine County, Wisconsin is requesting sealed bids from qualif	2 x 15 L	116.20

## Publisher of the Richmond Times-Dispatch

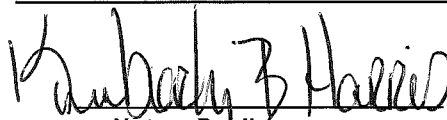
This is to certify that the attached Racine County, Wisconsin was published by the Richmond Times-Dispatch, Inc. in the City of Richmond, State of Virginia, on the following dates:

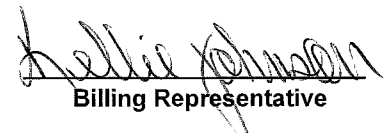
08/08/2019

The First insertion being given ... 08/08/2019

Newspaper reference: 0000983287

Sworn to and subscribed before me this Thursday, August 8, 2019

  
Notary Public

  
Billing Representative

State of Virginia  
City of Richmond  
My Commission expires \_\_\_\_\_

Kimberly B. Harris  
NOTARY PUBLIC  
Commonwealth of Virginia  
Notary Registration Number 356753  
Commission Expires January 31, 2021

THIS IS NOT A BILL. PLEASE PAY FROM INVOICE. THANK YOU

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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BID DUE DATE:

September 9, 2019 BEFORE 2:00 PM CT.

CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or [Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com).

**CALIFORNIA NEWSPAPER SERVICE BUREAU**

**DAILY JOURNAL CORPORATION**

Mailing Address : 915 E FIRST ST, LOS ANGELES, CA 90012  
Telephone (800) 788-7840 / Fax (800) 464-2839  
Visit us @ [www.LegalAdstore.com](http://www.LegalAdstore.com)

BRITTANY RAINONE  
PHASE 3 MARKETING & COMMUNICATIONS/NIPA  
P.O. BOX 681163  
MARIETTA, GA 37027

**COPY OF NOTICE**

Notice Type: BID NOTICE INVITING BIDS  
Ad Description  
IFB No. PW1908

To the right is a copy of the notice you sent to us for publication in the SAN BERNARDINO COUNTY SUN. Please read this notice carefully and call us with any corrections. The Proof of Publication will be filed with the County Clerk, if required, and mailed to you after the last date below. Publication date(s) for this notice is (are):

08/12/2019

SBS# 3282396

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1<sup>st</sup> floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or

Duane.McKinney@racinecounty.com.  
8/12/19

**SBS-3282396#**

The charge(s) for this order is as follows. An invoice will be sent after the last date of publication. If you prepaid this order in full, you will not receive an invoice.



---

STATE OF WASHINGTON -- KING COUNTY

--SS.

---

376632

No.

PHASE 3 MARKETING & COMM.

**Affidavit of Publication**

The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12<sup>th</sup> day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

BCSB:ROOFING SUPPLIES

was published on

08/08/19

The amount of the fee charged for the foregoing publication is the sum of \$88.80



Affidavit of Publication

A handwritten signature in blue ink, appearing to be "M. Barnes", written over a horizontal line.

Subscribed and sworn to before me on

08/08/2019

A handwritten signature in blue ink, appearing to be "M. Barnes", written over a horizontal line.

Notary public for the State of Washington,  
residing in Seattle

# State of Washington, King County

## **Racine County, Wisconsin Roofing Supplies and Services Bid Date: Sept. 9**

---

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at <https://racinecounty.com/doing-business/purchasing-rfps-and-bids> or from the Purchasing office.

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CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or [Duane.McKinney@racine-county.com](mailto:Duane.McKinney@racine-county.com).

Date of publication in the Seattle Daily Journal of Commerce, August 8, 2019.

**8/8(376632)**

CAPITAL CITY PRESS

Publisher of  
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in  
THE ADVOCATE, a daily newspaper of  
general circulation published in Baton Rouge,  
Louisiana, and the Official Journal of the  
State of Louisiana, City of Baton Rouge, and  
Parish of East Baton Rouge or published daily in  
THE TIMES-PICAYUNE/  
THE NEW ORLEANS ADVOCATE, in  
New Orleans Louisiana, or published daily in  
THE ACADIANA ADVOCATE in

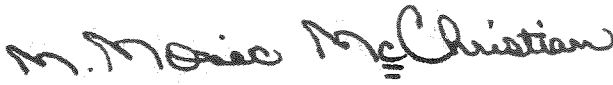
08/10/2019



Kristi Bunch, Public Notices Representative

Sworn and subscribed before me by the person  
whose signature appears above

8/10/2019



M. Monic McChristian,  
Notary Public ID# 88293  
State of Louisiana  
My Commission Expires: Indefinite



**PUBLIC NOTICE**

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at

<https://racinecounty.com/doing-business/purchasing-rfps-and-bids>

or from the Purchasing office.

**NON-MANDATORY PRE-BID CONFERENCE:**  
Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

**BID DUE DATE:**  
September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or

[Duane.McKinney@racinecounty.com](mailto:Duane.McKinney@racinecounty.com)

371686-aug 10-1t

PHASE 3 MARKETING & COMM 371686-01  
RICH MELIN  
109 WESTPARK DR STE 360  
BRENTWOOD, TN 37027

August 20, 2019

To Whom It May Concern:

I am a duly authorized representative of MCA Russell Johns Associates LLC, company handling the advertising matters for USA Today, a daily newspaper distributed within the United States.

The Racine County, Wisconsin (IFB No. PW1908) was published within said newspaper in the Public Notice Section of the on the following dates:

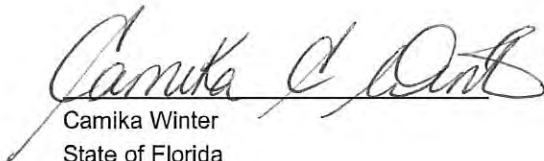
08/12/2019

---



**Don Whitman**

On this the 20th day of August, I attest that the attached documents are true, exact, complete, and unaltered tearsheets.



Camika Winter  
State of Florida  
County of Pinellas

**CAMIKA C. WINTER**  
Notary Public, State of Florida  
My Comm. Expires Apr. 16, 2022  
No. GG 208003

MOVIES

'Scary' frightens 'Hobbs & Shaw' for 2nd

Lindsey Bahr
The Associated Press

LOS ANGELES - Audiences helped the "Fast & Furious" spinoff "Hobbs & Shaw" take another lap at No. 1, even with an onslaught of four new major releases this weekend.

From family films to R-rated adult fare, moviegoers had their pick as studios tried to capitalize on the waning days of summer. But although August can be a great opportunity for non-superhero films, it's not a sure thing. And some, such as "Scary Stories to Tell in the Dark," fared better than others, such as the Melissa McCarthy and Tiffany Haddish Mob thriller "The Kitchen."

"There are always going to be casualties when there are this many," says Paul Dergarabedian, senior media ana-

lyst for box-office tracker Comscore. "They cannot always be lined up in the top four rankings."

According to studio estimates Sunday, Dwayne Johnson and Jason Statham's "Hobbs & Shaw" fell 58% from its first weekend but added \$25.4 million from North American theaters. It has now grossed \$108.5 million domestically and \$332.6 million worldwide.

Second place went to the Guillermo del Toro-produced PG-13 horror film "Scary Stories," with a better-than-expected \$20.8 million.

Close behind in third was "The Lion King" with \$20 million in its fifth weekend in theaters. With \$1.3 billion globally, it has now surpassed "Beauty and the Beast" as Disney's highest-grossing live-action release.

Newcomer "Dora and the Lost City of



Deckard Shaw (Jason Statham, left) and Luke Hobbs (Dwayne Johnson) face a genetically enhanced villain in "Hobbs & Shaw."

DANIEL SMITH/UNIVERSAL PICTURES

Gold" found a healthy audience, too, earning an estimated \$17 million for a fourth-place start. In fifth place, Quentin Tarantino's star vehicle "Once Upon A Time in Hollywood" added \$11.6 mil-

lion and crossed the \$100 million mark (with \$100.3 million).

But not all the newcomers were so lucky. The dog-owner tearjerker "The Art of Racing in the Rain," with Milo Ventimiglia, opened in sixth place with \$8.1 million. And the '70s-set "The Kitchen" flopped with only \$5.5 million.

Audiences also had a slew of new limited releases from which to choose: The BTS concert film "Bring the Soul: The Movie" (\$2.3 million); "Brian Banks," based on the real story of a false accusation that upends a promising football star's life (\$2.1 million); "The Peanut Butter Falcon," with Shia LaBeouf and Dakota Johnson (\$205,236); and "After the Wedding," with Michelle Williams and Julianne Moore (\$57,124).

Final numbers are expected Monday. Contributing: Kim Willis

MARKETPLACE TODAY

For advertising information: 1.800.397.0070 www.russelljohns.com/usat

To view more Classified listings, visit: www.classifieds.usatoday.com

NOTICES PUBLIC NOTICE Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908).

BUSINESS BUSINESS FOR SALE Established Assisted Living Profitable, 62 Beds Maryland Possible 80% Financing with 10% Down 10% Discount 561-523-1149

INVESTMENTS 40% APR, P&I PD MONTHLY INSURED COLLATERALIZED \$4000. PER INVESTMENT MULTIPLE AVL, REGULATION D FILING 985-630-6485

MARKETPLACE WANTED Seeking to buy 10,000 tons Cu Sheet & Strip 0.15mm-5mm thick Brass Sheet & Strip 0.15mm min thick

REAL ESTATE TIMESHARE Exchange my 3 bdrm, 2bth timeshare week (3rd wk in April) located @ Lake Buena Vista, FL

INVESTMENT PROPERTY MULTIFAMILY INVESTMENT OPPORTUNITY - NOI \$692,000 Seeking buyer for Texas multi-family apartment complex

IN SEARCH OF TALCUM POWDER WARNING Users of Johnson and Johnson's Baby Powder and Shower to Shower may be at a higher risk of developing ovarian cancer.

BUSINESS BUSINESS OPPORTUNITIES GET RICH as the demand for GOLD soars! Fabulous plan gets you GOLD and SILVER for 40 cents on the dollar!

FORECLOSURE DEFENSE HELPLINE ARE YOU BEHIND ON YOUR MORTGAGE PAYMENTS? COULD YOUR HOUSE GO INTO FORECLOSURE? DOES IT SEEM LIKE THE BANK HAS NO INTEREST IN HELPING YOU SAVE YOUR HOME AND YOU FEEL LIKE YOU HAVE NOWHERE TO TURN?

MARKETPLACE BUILDING PRODUCTS / SUPPLIES CasCade 5000 1hp Floating POND FOUNTAIN! Aerator Now Available Factory Direct! MSRP (\$1400) You Pay \$799.95!

TRAVEL SPECIAL ATTRACTIONS S. Florida Fractional Yachts From \$19,995 Stunning 4 Cabin + Crew Quarters Ideal for overnight and Bahamas

PUZZLES

CROSSWORD

EDITED Fred Piscop BY Zhouqin Burnikel

BUSINESS CENTER

- ACROSS 1 Like a wrung-out towel 5 Brazilian "superfood" berry 9 Enjoy a claro 14 Sandusky's lake 15 Thin out, as a herd 16 Removed the rind from 17 Cerebellum bit 19 Cara of "Fame" 20 One taking first steps 21 Platform for Siri 22 Texas Ranger's topper 24 Okfenokee and others 26 Mahershala of "Moonlight" 27 On edge 31 Bay Area wine valley 35 Richly colored garden flower 38 Oxford or brogan 39 Cereal brand since 1937 40 Australia's national gem 41 Gold Medal product 42 Like a Mantle rookie card 43 "Beloved" author Morrison 44 Discounted by Afghanistan's largest city 46 Bridge measure 47 "Bad Boy" singer Gloria 49 Michael on "Weekend Update" 51 Venues for pucksters 55 "Sure, why not?" 59 Quick point in tennis 60 Many a Neruda work 61 Name in kitchen wrap, once 62 Workers on a flight

Crossword grid with numbers 1-70 and some filled-in letters.

- DOWN 1 Entries in red 2 ONE WAY sign, essentially 3 Mazda roadster 4 Architect who died at 102 5 Grab by the collar, say 6 Snooker players' sticks 7 Hog's share, perhaps 8 Pandora's boxful 9 Pitchman's pitch 10 "Frasier" father 11 Many "-ite" minerals 12 Number-picking game 13 Scene of temptation 18 A bit chilly 23 Hash ingredient, slangily 25 Fabric used in 48-Down care 28 Dots in the ocean 29 Visitor to Scrooge 30 Provide quarters for Captain with a whalebone leg 33 Cuzco's land 34 Jump with a spin 35 Lobster catchers 36 Each, informally "Peter Pan" dog 41 Admiral's charge 45 Second lady Pence 48 Mud pack, e.g. 50 Hard to lift 52 News anchor O'Donnell of 64-Down 53 One-named singer in the Guinness Book

Friday's Answer grid with words like LATCH, SITAR, SKI, ACHOO, HOUSE, TAN, DEEPTHOUGHT, ILK, DRY, ROWS, ARLES, MOLE, ARIAL, MODERN, FANTASY, CROWS, TRKS, LOO, EONS, PEKOE, SANK, ROT, MIRO, BORGE, AMERICAN, DREAM, CORN, CONK, GHANA, PAST, EBB, OUR, GENERAL, IDEAS, ALL, EVADE, ERECT, DUO, SEPTA, YANKS

WORD ROUNDUP

By David L. Hoyt and Jeff Knurek

- Find and Circle: Six four-letter words ending with X Three gases Boxing \_\_\_\_ First three Greek letters Direction of the sunset

Friday's answer: SALMON SHARK SMELT SOLE / EUROPE AFRICA ASIA / WRIST ANKLE KNEE / FRACTION GENEROUS / LIQUID SOLID

QUICKCROSS

By John Wilmes

Word puzzle grid with clues: Volcanic output, Foreboding sign, Give off steam, Finishes, Adore, "So be it", Sell, Certain carpenters

SUDOKU

Complete the grid so that every row, column and 3x3 box contains the numbers 1 through 9 (no repeats).

Sudoku grid with numbers 1-9 in some cells.

8/9 SUDOKU FUSION ON YOUR PHONE puzzles.usatoday.com

UP & DOWN WORDS By David L. Hoyt and Russell L. Hoyt 8/12 1. PLAY 2. 3. 4. 5. 6. 7. QUIET

Clues: 1. Umpire's shout 2. "Take Me Out to the..." 3. "Bring It!" 4. Availible 5. Request; summation 6. Permanent 7. Remains silent Friday's Answer GENETIC CODE BLUE BLOOD COUNT ON MARS ATTACKS

Difficulty Rating and Friday's Answers for puzzles.

TXTPERT grid with numbers 1-10.

Today's theme Computers Today's theme Use the phone keypad to decode the clues.

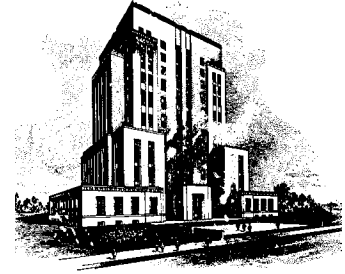
Friday's solution grid with words like DIARY, TONE, CALL, W, I, GASP, POST, D, A, H, EN, CODE, DVD, L.

DON'T QUOTE ME Journalist Bill Moyers shares this thought. Rearrange the words to complete the quote. DEMOCRACY LIBRARY MATTER OPEN SHAPE TOO WHEN

IFB Notification List - PW1925 Roofing Supplies and Services, Waterproofing and Related Product and Services

First Name	Last Name	Company/Account	Email
Donnie	McDaniel	Acumen Enterprises, Inc.	donnie@acumen-enterprises.com
Brian	D'Amico	All Pro Roofing & Consulting LLC	brian@allprorooftingllc.com
Eric	Helgemoe	BluSky Restoration Contractors, LLC	ehelgemoe@goblusky.com
Craig	Miller	CentiMark Roofing	craig.miller@centimark.com
Tiffany	Wood	Damschroder Roofing Inc.	twood@damschroderroofing.com
Shawnee	Hallmark	DENCO Construction Services	shallmark@dencocs.com
Theodore	Willison	Gallant Services, LLC	ted@gallantservicesllc.com
Darrell	Wallin	Harness Roofing Inc.	dwallin@harnessroofing.com
Chris	Corso	Joeris General Contractors, Ltd.	ccorso@joeris.com
Dwight	Stone	Johns Manville	dwight.stone@jm.com
Jake	Efinger	Jolly Roofing & Contracting Co., Inc.	Jefinger@jollyroofing.com
Randall	Hubbard	MDI General Contractors	estimating@mdigc.com
Larry	Molitor	Molitor Enterprises	larry@molitor-enterprises.com
Stephen	Jeffreys	Nationwide Protective Coating Mfrs., Inc	sjeffreys@hot.rr.com
Denny	Satterfield	Nova Tuff Coatings	denny@novatuff.com
Eric	Rodriguez	Roofing Standards	eric@roofingstandards.com
Erik	Steavens	SL King and Associates	esteavens@slking.com
JON	SARCITA	SOURCE RITE INC	jon@sourceritegsa.com
Chip	Miller II	Southland Coatings Technologies	corpoffice@southlandfg.com
Chrystal	Ellerbe	Sun Valley Solar Solutions	commercial@svssolutions.com
Al	Orlacchio	The Garland Company, Inc.	aorlacchio@garlandind.com
Frank	Percaciante	The Garland Company, Inc.	fpercaciante@garlandind.com
Matt	McDermott	The Garland Company, Inc.	mmcdermott@garlandind.com
John	Tucker	Tucker Roofing Systems, LLC.	tucker@tuckerroofingsystems.com
Stephanie	Marcelle	V&R Roofing	office@vrrroofing.net
Edwin	Green	Vertex Roofing, LLC	sales@thevertexroof.com
Richard	Wells	WEN Services	richard@wenservices.com
Teddy	Williams	Western Specialty Contractors	teddyw@westerngroup.com

# Racine County Finance Department – Purchasing Division



Racine County Courthouse  
730 Wisconsin Avenue  
Racine, WI 53403-1238  
Phone (262) 636-3700  
Fax (262) 636-3763

Duane McKinney  
Purchasing Coordinator

September 9, 2019

For the Record:

Let the record show that Racine County requested bids to:  
provide Roofing Supplies and Services, Waterproofing and Related Product and Services.

A legal notice was placed in the Journal Times. Bids were accepted up until 2:00 pm on Monday, September 9, 2019 to be opened immediately thereafter in the office of the Purchasing Coordinator.

Let the record show that the following were present at the bid opening:  
Frank Percaciante, Contract Manager, DBS/Garland.  
Matthew McDermott, Marketing Director, The Garland Company  
Duane McKinney, Purchasing Coordinator

Let the record reflect that at 2:00 pm two (2) bids had been received. Bids were opened at 2:00 pm.

Bids were opened, read and recorded as follows:

CentiMark Corporation.

319 Industrial Drive, Franklin OH 45005

Signed by: Jeff Shepherd, Northern Group Director/Executive VP  
jeff.shepherd@centimark.com

Garland/DBS, Inc.

3800 East 91<sup>st</sup> Street, Cleveland OH 44105

Signed by: Charles A. Ripepi, CFO  
cripepi@garlandind.com

Following are the Bid Forms submitted by the above vendors. Copies of the bids submitted will be forwarded for review.

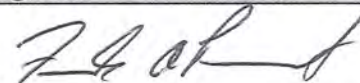
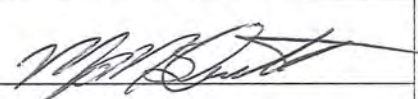


Sincerely,

Duane McKinney  
Purchasing Coordinator

## BID Opening Sign in Sheet

### Roofing Supplies and Services, Waterproofing and Related Product and Services

September 9, 2019

Vendor	Representative Name and Title	Email Address	Signature
GARLAND/DBS, INC	FRANK A. PERCACIANTE CONTRACT MANAGER	FPERCACIANTE@GARLANDIND.COM	
" "	Matt McDermott Marketing Director	mmcdermott@garlandind.com	
	<p style="text-align: center;"><b>Frank Percaciante</b></p> <p>3800 East 91st Street Cleveland, OH 44105</p>	 <p style="text-align: center;"><b>Matthew J. McDermott</b></p> <p>3800 East 91st Street Cleveland, OH 44105</p>	<p>m 954-661-0629 p 216-430-3543 f 216-641-0633 mmcdermott@garlandind.com</p>
<p>Fax: 216-883-2055 Phone: 216-430-3693 Mobile: 440-829-8562 fpercaniante@garlandind.com www.design-buildsolutions.com</p>			

**McKinney, Duane**

---

**From:** printandmail@goracine.org <donotreply@iofficecorp.com>  
**Sent:** Monday, September 9, 2019 10:02 AM  
**To:** McKinney, Duane  
**Subject:** [Mail Center] New Mail Alert -- [Racine County]

**PLEASE NOTE:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello

Tracking #: 789654970711

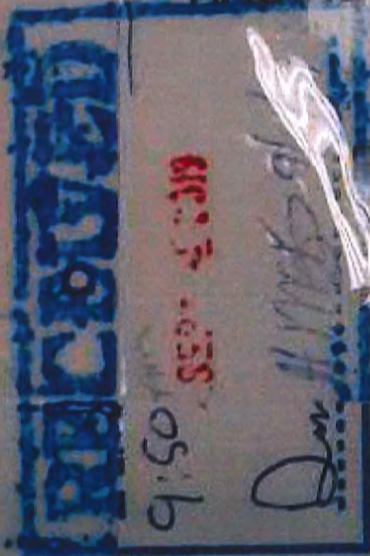
To	Duane McKinney
From	Centimark Corp
Courier	FedEx
Package Type	Box
Check-In Date	Sep 09, 2019 at 10:01 AM
Notes	



**SEALED**

**BID ENCLOSED**

To: PURCHASING COORDINATOR  
RACINE COUNTY COURTHOUSE, 4th FLOOR  
730 WISCONSIN AVE  
RACINE, WI 53403-1238



ROOFING SUPPLIES AND SERVICES,  
WATERPROOFING, AND RELATED  
PRODUCTS AND SERVICES

Solicitation Number: PW1925

DUE: September 9, 2019

Vendor: Garland/DBS, Inc.  
3800 East 91st Street  
Cleveland, Ohio 44105