SUBJECT: PIGGYBACK BID PW1925 (RACINE COUNTY, WI & OMNIA PARTNERS) ROOFING SUPPLIES AND SERVICES, WATERPROOFING AND RELATED PRODUCTS AND SERVICES

BID #: PSC-0404-20 **OPEN DATE:**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: PIGGYBACK CONTRACT- FROM DATE OF EXECUTED CONTRACT THROUGH OCTOBER 14, 2024, WITH ONE (1) FIVE (5) YEAR RENEWAL OPTION

AGENCY: PUBLIC BUILDINGS

BASIS OF AWARD: PER PIGGYBACK CONTRACT

NUMBER OF BIDS INVITED: ( ) **NUMBER RECEIVED:** ( ) **OTHER** ( )

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval to piggyback bid PW1925 (Racine County, WI & OMNIA Partners) Roofing Supplies and Services, Waterproofing and Related Products and Services with Garland/DBS, Inc, on an as needed basis. Period of Service will be from date of executed contract through October 14, 2024, with one (1) five (5) year renewal option. Total award amount not-to-exceed $1,000,000.00.

This award will be funded by various account (s) and executed by formal contract through Office of General Counsel and processed via individual Purchase Order(s).

Attachments: Recommendation Memo, Exhibit 1: Bid PW1925/Addendum 1/Award Letter/Master Contract, Vendor Letter of Invitation to Piggyback, Exhibit 2: Garland Bid Response (Pricing), Certificate of Insurance (Approved by Risk Management), Exhibit 3: Indemnification (to be Included in the City's contract per Risk Management), Exhibit 4: Insurance Requirements (to be Included in the City's contract per Risk Management)

BUYER: Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Roy Birbal, Chief, Public Buildings Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

PSC-0404-20

City of Jacksonville, Florida

ONE CITY. ONE JACKSONVILLE.

Lenny Curry, Mayor

Department of Public Works
Public Buildings Division
555 W. 44th Street
Jacksonville, FL 32208
(904) 255-4343
www.coj.net

January 29, 2020

MEMORANDUM

TO: Gregory W. Pease, Chief Procurement Division

THRU: John P. Pappas, P.E.,

FROM: Roy Birbal, Chief

SUBJECT: Garland/DBS, Inc.
Recommendation to Piggyback PW1925 (Racine County, WI & OMNIA Partners)
Roofing Supplies and Services, Waterproofing and Related Products and Services.

On September 23, 2019, the Racine County, WI Purchasing Department awarded Bid # PW1925 for Roofing Supplies and Services, Waterproofing and Related Products and Services to Garland/DBS, Inc. The bid was competitively solicited by Racine County, WI as the Principle Procurement Agency with the resulting Master Contract 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 initial period of the Master Contract is from October 15, 2019 through October 14, 2024 with one (1) five (5) year renewal term.

As a member of OMNIA Partners Cooperative Purchasing Program as well as a Governmental entity, the City of Jacksonville is eligible to piggyback on the aforementioned Master Contract.

Accordingly, the Public Buildings Division recommends piggybacking on Bid/Master Contract PW1925 on an as needed basis with Garland/DBS, Inc., with a not-to-exceed limit of One Million Dollars ($1,000,000.00).

Funding will be encumbered by individual releases against the master blanket, dependent on funding and the appropriate account. The term of the agreement will be from the date of fully executed contract through October 14, 2024 and documented by formal contract through the Office of General Counsel.

Your assistance in concurring with this recommendation would be appreciated. If you have any questions or concerns regarding this matter, please contact Jim Lange at 255-4340.

Attachments:

1) **Exhibit 1:** Bid PW1925 / Addendum 1 / Award Letter / Master Contract
2) Vendor Letter of Invitation to Piggyback
3) **Exhibit 2:** Garland Bid Response (Pricing)
4) Certificate of Insurance (Approved by Risk Management)
5) **Exhibit 3:** Indemnification (to be Included in the City's contract per Risk Management)
6) **Exhibit 4:** Insurance Requirements (to be Included in the City's contract per Risk Management)

cc: Ann Brackin, Public Works Contracts and Finance Manager
Marilyn Laidler, Procurement Analyst
Jim Lange, Contract Administration Coordinator

Racine County
WISCONSIN

Public Works & Development Services
14200 Washington Avenue
Sturtevant, WI 53177
262-886-8440
fax: 262-886-8480

EXHIBIT 1

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

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

Racine County
WISCONSIN

Public Works & Development Services
14200 Washington Avenue
Sturtevant, WI 53177
262-886-8440
fax: 262-886-8480

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

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 1st 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) 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, 4th 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, MondaySeptember 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, lighting, 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 though 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 changed 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 Bond Number	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 no 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

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

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

OMNIA
PARTNERS

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 andSupplier.

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 tradeshows 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: _____

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 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 orprocedures.

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 solediscretion.

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 andSupplier.

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 ProcuringParty.

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	Signature
Name	Name Sarah E. Vavra
Title and Agency Name	Title Sr. Vice President, Public Sector Contracting
Date	Date

EXHIBIT B

OMNIA PARTNERS CONTRACT SALES REPORTING TEMPLATE

OMNIA PARTNERS EXHIBITS

EXHIBIT C - CONTRACT SALES REPORTING TEMPLATE

(to be submitted electronically in Microsoft Excel format)

OMNIA Partners Contract Sales Monthly Report

Supplier Name:	
Contract Sales Report Month:	
Contract ID:	
Supplier Reporting Contact:	
Title:	
Phone:	
Email:	

Participating Agency Name	Address	City	State	Zip Code	Participating Agency # (Assigned by National IPA and provided to Supplier)	Transaction Date (Date of Sale)	Contract Sales for Month ($)	Admin Fee %	Admin Fee $

Report Totals

Cumulative Contract Sales

OMNIA PARTNERS

EXHIBIT C

PRINCIPAL PROCUREMENT AGENCY CERTIFICATE, EXAMPLE

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

FEDERAL CERTIFICATIONS
ADDENDUM FOR AGREEMENT FUNDED BY U.S. FEDERAL GRANT

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.

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.

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

RECORD RETENTION REQUIREMENTS FOR CONTRACTS INVOLVING FEDERAL FUNDS

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

CERTIFICATION OF COMPLIANCE WITH THE ENERGY POLICY AND CONSERVATION ACT

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

CERTIFICATION OF COMPLIANCE WITH BUY AMERICA PROVISIONS

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

CERTIFICATION OF ACCESS TO RECORDS – 2 C.F.R. § 200.336

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

CERTIFICATION OF APPLICABILITY TO SUBCONTRACTORS

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

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: _____

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 statues. 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.

DOC #1

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***

DOC #2

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

DOC #3

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 it 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).

_____
Signature of Procurement Agent

DOC #4

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). 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/lpel.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). 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."

DOC #4, continued

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 Clerk	Sheriff
{County Executive}	Surrogate	

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.

DOC #5

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: Home Address:	Name: Home Address:
Name: Home Address:	Name: Home Address:
Name: Home Address:	Name: Home Address:

Subscribed and sworn before me this ___ day of _____, 2__.

(Notary Public)

My Commission expires:

_____
(Affiant)

_____
(Print name & title of affiant)

(Corporate Seal)

DOC #6

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.

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 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
APPLEGATE 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
LAFOURCHE 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
PINEWOOD 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, 26TH 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
1.00	**Roof Management, Design Assistant and/or Professional Services**			
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	
1.07	**Nuclear Moisture Survey, Non destructive roof scan**			
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	
1.08	**Infrared Moisture Scanning**			
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	
1.10	**Roof Investigation (visual roof survey)**			
1.10.01	Roof Investigation (Roof by Roof), per hour		HOUR	
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	
1.11	**Comprehensive reporting**			
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 enertered 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	
1.14	**Roof drawings to scale with all rooftop equipment and penetrations**			
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	
1.16	**Additional and Occasional Services**			
1.16.01	Project Architect for Design Professional Services		HOUR	
1.16.02	Principle Architect for Design Professional Services		HOUR	
1.16.03	Project Engineer for Engineering Reviews		HOUR	
1.16.04	Principle Architect for Engineering Reviews		HOUR	
1.16.06	Roof Consultant		HOUR	
1.16.07	Full-Time Job Site Superintendent		DAY	
1.16.08	CAD Draftsman		HOUR	
1.17	**Laboratory Analysis**			
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	
1.18	**Travel Expenses**			
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	
1.40	**Additional Professional Services**			
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		%	
2.00	**Tear-off & Dispose of Debris**			
2.01	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	
2.02	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	
2.03	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	
2.04	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	
2.05	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	
2.06	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	
2.07	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	
2.08	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Concrete Deck		SF	
2.09	**SYSTEM TYPE** Single-Ply W/ Insulation - Metal Deck		SF	
2.10	**SYSTEM TYPE** Single-Ply W/ Insulation - Wood / Tectum Deck		SF	
2.11	**SYSTEM TYPE** Single-Ply W/ Insulation - Lightweight / Gyp Deck		SF	
2.12	**SYSTEM TYPE** Single-Ply W/ Insulation - Concrete Deck		SF	
2.13	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Metal Deck		SF	
2.14	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck		SF	
2.15	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck		SF	
2.16	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Concrete Deck		SF	
2.17	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	
2.18	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	
2.19	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	
2.20	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	
2.21	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	
2.22	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	
2.23	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	

2.24	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	
2.25	**SYSTEM TYPE** Metal Roofing System - Metal Deck	SF	
2.26	**SYSTEM TYPE** Metal Roofing System - Wood / Tectum Deck	SF	
2.27	**SYSTEM TYPE** Metal Roofing System - Lightweight / Gypsum Deck	SF	
2.28	**SYSTEM TYPE** Metal Roofing System - Concrete Deck	SF	
2.29	**SYSTEM TYPE** Dimensional/Architectural Shingle Roof - Wood Deck	SF	
2.30	**SYSTEM TYPE** 3-Tab Shingle Roof - Wood Deck	SF	
2.31	**SYSTEM TYPE** Clay Tile Shingle Roof - Wood Deck	SF	
2.32	**SYSTEM TYPE** Concrete Tile Shingle Roof - Wood Deck	SF	
2.33	**SYSTEM TYPE** Slate Tile Shingle Roof - Wood Deck	SF	
2.34	**SYSTEM TYPE** Cedar / Wood Shake Shingle Roof - Wood Deck	SF	
2.35	**SYSTEM TYPE** Add to save good Clay Tile Shingles for reuse	SF	
2.36	**SYSTEM TYPE** Add to save good Concrete Tile Shingles for reuse	SF	
2.37	**SYSTEM TYPE** Add to save good Slate Tile Shingles for reuse	SF	
2.38	**SYSTEM TYPE** Add to save good Cedar / Wood Shake Shingles for reuse	SF	
2.39	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Metal Deck	SF	
2.40	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Wood / Tectum Deck	SF	
2.41	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	SF	
2.42	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Concrete Deck	SF	
2.43	**SYSTEM TYPE** Add of Each Additional Average Depth 1" of Polyurethane Foam (PUF) Roofing	SF	
2.44	**SYSTEM TYPE** BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.45	**SYSTEM TYPE** BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.46	**SYSTEM TYPE** Single-Ply to the Existing Insulation (Insulation to be Re-Used	SF	
2.47	**SYSTEM TYPE** Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used	SF	
2.48	**SYSTEM TYPE** Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.49	**SYSTEM TYPE** Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.99	**MULTIPLIER - TEAR-OFF & DISPOSE OF DEBRIS** Each Additional Roof System	%	
3.00	**Removal & Replacement of Roof Deck**		
3.01	**DECK TYPE** Spot Metal Deck Replacement (Multiple areas under 1 square)	SF	
3.02	**DECK TYPE** Spot Wood Deck Replacement (Multiple areas under 1 square)	SF	
3.03	**DECK TYPE** Spot Gypsum Deck Replacement (Multiple areas under 1 square)	SF	
3.04	**DECK TYPE** Spot Concrete Deck Replacement (Multiple areas under 1 square)	SF	
3.05	**DECK TYPE** Spot Lightweight Deck Replacement (Multiple areas under 1 square)	SF	
3.06	**DECK TYPE** Spot Tectum Deck Replacement (Multiple areas under 1 square)	SF	
3.07	**DECK TYPE** Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	SF	

3.08	**DECK TYPE** Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.09	**DECK TYPE** Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.10	**DECK TYPE** Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.11	**DECK TYPE** Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.12	**DECK TYPE** Large Areas of Tectum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
4.00	**Insulation Recovery Board & Insulations Options**		
4.01	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
4.03	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
4.04	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	
4.05	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	
4.06	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	
4.07	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF	
4.18	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SUBSTITUTION OPTION:** 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	**INSULATION SUBSTITUTION OPTION:** 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	**INSULATION SUBSTITUTION OPTION:** 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	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SLOPE OPTION** 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	**INSULATION SLOPE OPTION** 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	**INSULATION SLOPE OPTION** Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive	SF	
4.28	**INSULATION SLOPE OPTION** Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive	SF	
4.29	**INSULATION SUBSTITUTION OPTION** Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
4.30	**INSULATION SUBSTITUTION OPTION** Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
4.31	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	SF	
4.32	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90	SF	
5.00	**Coat New Roofing With Elastomeric Coating**		
5.01	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	SF	
5.02	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	SF	
5.03	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified	SF	
5.11	**ROOF SYSTEM TYPE** Apply a Fibered Aluminum Coating per Specifications (2 Gallons per Square per Coat - 1 Coat Required) - Smooth or Mineral Surfaced Modified	SF	
6.00	**Roof Deck and Insulation Option**		
6.01	**METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**		
6.01.01	**INSULATION OPTION:** 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	
6.02	**WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**		

6.02.01	INSULATION OPTION:	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	SF	
6.02.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
6.03	**TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.03.01	INSULATION OPTION:	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	SF	
6.03.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
6.04	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.04.01	INSULATION OPTION:	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	SF	
6.04.02	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	
6.05	**CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.05.01	INSULATION OPTION:	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	SF	
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	
6.06	**METAL ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.07	**WOOD ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.08	**TECTUM ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.09	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.10	**CONCRETE ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.11	**METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**INSTALL PRIOR TO ROOF SYSTEM INSULATION.**			
6.16.01	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	SF	
6.16.03	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt	SF	
6.16.04	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	SF	
6.16.05	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet. Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	SF	
6.16.06	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified Asphalt	SF	
6.16.07	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON METAL DECK:** 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	SF	
6.16.08	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	SF	
6.16.09	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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	SF	
7.00	**BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
7.01	**ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt**			
7.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type - Minimum of 70 lbf/in tensile	SF	
7.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
7.01.03	ROOFING MEMBRANE OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
7.01.04	ROOFING MEMBRANE OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
7.01.05	ROOFING MEMBRANE OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
7.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
7.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
7.04	WARRANTY UPCHARGE	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	

7.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
7.06	**DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR** 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)		SF	
7.07	**ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR** Each Additional Glass Felt (Hot Applications) Inter-ply installed		SF	
8.00	**BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT**			
8.01	**ROOF CONFIGURATION** **2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt**			
8.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
8.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
8.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
8.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
8.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
8.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 8.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
8.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
8.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
8.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
8.06	**DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR** 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)		SF	
8.07	**ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR** Each Additional Glass Base (Cold Applications) Inter-ply Installed		SF	
9.00	**BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT - FLOOD COAT & AGGREGATE IN MODIFIED COAL TAR PITCH**			
9.01	**ROOF CONFIGURATION** **2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate**			
9.01.01	ROOFING MEMBRANE & COATING OPTION:	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	SF	
9.01.02	ROOFING MEMBRANE & COATING OPTION	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	SF	
9.01.03	ROOFING MEMBRANE & COATING OPTION	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	SF	
9.01.04	ROOFING MEMBRANE & COATING OPTION	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	SF	

9.01.05	ROOFING MEMBRANE & COATING OPTION:	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	SF	
9.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 9.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
9.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
9.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
9.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
9.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	
10.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
10.01	**ROOF CONFIGURATION** **2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt**			
10.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
10.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
10.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
10.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
10.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
10.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 10.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
10.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	
10.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	
10.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
11.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT**			
11.01	**ROOF CONFIGURATION** **2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt**			
11.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
11.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
11.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
11.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
11.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	

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 includes 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)** **PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER**			
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	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.05.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.05.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.05.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.05.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.05.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.05.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.06	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt**			
12.06.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bitumnous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.06.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.06.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.06.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
12.06.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
12.06.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.06.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.06.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.06.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.07	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch**			
12.07.01	ROOFING MEMBRANE & COATING OPTION:	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	SF	
12.07.02	ROOFING MEMBRANE & COATING OPTION	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	SF	
12.07.03	ROOFING MEMBRANE & COATING OPTION	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	SF	

12.07.04	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 500 lbf/in tensile Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	SF	
12.07.05	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum 600 lbf/in tensile Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	SF	
12.07.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	
12.07.07	WARRANTY CHARGE:	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	SF	
12.07.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.07.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.07.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.08	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt**			
12.08.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 70 lbf/in tensile	SF	
12.08.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 220 lbf/in tensile	SF	
12.08.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 310 lbf/in tensile	SF	
12.08.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 500 lbf/in tensile	SF	
12.08.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 600 lbf/in tensile	SF	
12.08.06	MEMBRANE ADHESIVE & COATING OPTION:	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	
12.08.07	WARRANTY CHARGE:	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	SF	
12.08.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.08.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.08.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.09	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt**			
12.09.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 70 lbf/in tensile	SF	
12.09.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 220 lbf/in tensile	SF	
12.09.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type [illegible] - Minimum of 310 lbf/in tensile	SF	

12.09.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
12.09.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
12.09.06	MEMBRANE ADHESIVE OPTION:	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	
12.09.07	WARRANTY CHARGE:	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	SF	
12.09.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.09.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.09.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.10	**ROOF CONFIGURATION 1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold Applied Modified Coal Tar Pitch and Aggregate**			
12.10.01	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.10.02	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.10.03	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.10.04	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
12.10.05	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	SF	
12.10.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.10.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.10.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.10.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.11	**ROOF CONFIGURATION 1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Application**			
12.11.01	ROOFING MEMBRANE OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	SF	
12.11.02	WARRANTY CHARGE	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.11 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
12.11.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.11.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	

12.11.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.12	**ROOF CONFIGURATION 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	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	SF	
12.12.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
12.12.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	
12.12.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	
12.12.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.13	**ROOF CONFIGURATION 1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing**			
12.13.01	ROOF CONFIGURATION OPTION:	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	SF	
12.13.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.13 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
12.13.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.13.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.13.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.14	**ROOF CONFIGURATION 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	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	
12.14.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
12.14.03	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.14.04	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.14.05	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.14.06	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.15	**ROOF CONFIGURATION 1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams**			
12.15.01	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	
12.15.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
12.15.03	MEMBRANE ADHESIVE OPTION:	**Add/Deduct for Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	SF	
12.15.04	MEMBRANE ADHESIVE OPTION:	**PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Solvent Free Asphalt Adhesive	SF	

12.15.05	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.15.06	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	
12.15.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	
12.15.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
13.00	**BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH**			
13.01	**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 & Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt**			
13.01.01	ROOF CONFIGURATION OPTION:	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	
13.01.02	ROOF CONFIGURATION OPTION:	3-Ply Continuous Filament Polyester Mat (5 0 oz./yd2) in Modified Coal Tar Pitch Modified CTP with 2000% Elongation	SF	
13.02	INTERPLY ADHESIVE & FLOOD COAT OPTION:	**PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH** Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch	SF	
13.03	FLOOD COAT OPTION:	**PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS+ MODIFIED COAL TAR PITCH FOR FLOOD COAT** Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch+8222	SF	
13.04	WARRANTY CHARGE:	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	SF	
13.05	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
13.06	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
13.07	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
14.00	**METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2)**			
14.01	**INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE**			
14.01.01	INSULATION OPTION:	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	SF	
14.01.02	INSULATION OPTION:	Architectural Application - No Insulation - WOOD DECK Class A Fire-Retardant Underlayment	SF	
14.01.03	INSULATION OPTION:	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	SF	
14.01.04	INSULATION OPTION:	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20 with 40 mil Self-Adhering Underlayment	SF	
14.01.05	INSULATION OPTION:	Structural Application Over Open Framing; Over Retrofit Framing; Over an Existing Roof Using Steel Furring - No Insulation	SF	
14.01.06	INSULATION OPTION:	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	SF	
14.01.07	INSULATION OPTION:	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	SF	

14.01.08	INSULATION OPTION:	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	SF	
14.01.09	INSULATION OPTION:	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	SF	
14.02	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"**			
14.02.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	SF	
14.02.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" - 19" Wide Panels	SF	
14.02.03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF	
14.02.04	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Aluminum	SF	
14.02.05	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Aluminum	SF	
14.02.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga. 18" - 19" Wide Panels	SF	
14.02.07	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga. 18" - 19" Wide Panels	SF	
14.02.08	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	SF	
14.02.09	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	SF	
14.02.10	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	SF	
14.02.11	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.02.12	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.02.13	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.02.14	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga. 18" - 19" Wide Panels	SF	
14.02.15	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga. 18" - 19" Wide Panels	SF	
14.02.16	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Stainless Steel	SF	
14.02.17	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Stainless Steel	SF	
14.02.18	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Stainless Steel	SF	
14.02.19	THICKNESS OPTION:	Copper Panel Price - 16 oz.18" - 19" Wide Panels	SF	
14.02.20	THICKNESS OPTION:	Copper Panel Price - 20 Oz. 18" - 19" Wide Panels	SF	
14.02.21	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Copper	SF	
14.02.22	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Copper	SF	
14.02.23	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Copper	SF	
14.02.24	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	SF	
14.02.25	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	SF	
14.02.26	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Zinc	SF	
14.02.27	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Zinc	SF	
14.02.28	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Zinc	SF	
14.02.29	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck At or Above 3.12 Slope	SF	
14.02.30	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck Below 3.12 Slope	SF	
14.02.31	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3.12 Slope	SF	

14.02.32	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing Below 3 12 Slope	SF	
14.02.33	PANEL INSTALLATION OPTION:	Structural Application - At or Above 3 12 Slope - Installed Over Retrofit Framing System	SF	
14.02.34	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Retrofit Framing System Below 3 12 Slope	SF	
14.02.35	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3 12 Slope	SF	
14.02.36	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3 12 Slope	SF	
14.02.37	PANEL FABRICATION OPTION:	On-Site Roll Forming - To achieve panel lengths in excess of shipping or transportation limitations	SF	
14.02.38	PANEL FABRICATION OPTION:	Curving Panels - Curving panels to meet architectural requirements	SF	
14.02.39	PANEL FABRICATION OPTION:	Tapering Panels - Tapering panels to meet architectural requirements	SF	
14.02.40	WARRANTY CHARGE:	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	SF	
14.02.41	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.02.42	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.02.43	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
14.03	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels**			
14.03.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	SF	
14.03.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" Wide Panels	SF	
14.03.03	PANEL WIDTH OPTION:	Add for 12" Panel Width - Aluminum	SF	
14.03.04	PANEL WIDTH OPTION:	Add for 16" Panel Width - Aluminum	SF	
14.03.05	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	SF	
14.03.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	SF	
14.03.07	PANEL WIDTH OPTION:	Add for 12" Panel Width - Galvalume Coated Steel or Equal	SF	
14.03.08	PANEL WIDTH OPTION:	Add for 16" Panel Width - Galvalume Coated Steel or Equal	SF	
14.03.09	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.03.10	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.03.11	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.03.12	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga 18" Wide Panels	SF	
14.03.13	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	SF	
14.03.14	PANEL WIDTH OPTION:	Add for 12" Panel Width - Stainless Steel	SF	
14.03.15	PANEL WIDTH OPTION:	Add for 16" Panel Width - Stainless Steel	SF	
14.03.16	THICKNESS OPTION:	Copper Panel Price - 16 oz.18" Wide Panels	SF	
14.03.17	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" Wide Panels	SF	
14.03.18	PANEL WIDTH OPTION:	Add for 12" Panel Width - Copper	SF	
14.03.19	PANEL WIDTH OPTION:	Add for 16" Panel Width - Copper	SF	
14.03.20	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" Wide Panels	SF	

14.03.21	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" Wide Panels	SF	
14.03.22	PANEL WIDTH OPTION:	Add for 12" Panel Width - Zinc	SF	
14.03.23	PANEL WIDTH OPTION:	Add for 16" Panel Width - Zinc	SF	
14.03.24	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF	
14.03.25	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3:12 Slope	SF	
14.03.26	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	SF	
14.03.27	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Retrofit Framing System At or Above 3:12 Slope	SF	
14.03.28	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	SF	
14.03.30	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
14.03.31	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.03.32	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.03.33	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
14.04	**ROOF CONFIGURATION** **Architectural Standing Seam Roof System: Seam Height Below 1"**			
14.04.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 14.5" Wide Panels	SF	
14.04.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum, 14.5" Wide Panels	SF	
14.04.03	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14.5" Wide Panels	SF	
14.04.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga 14.5" Wide Panels	SF	
14.04.05	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.06	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.07	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.08	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga, 14.5" Wide Panels	SF	
14.04.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels	SF	
14.04.10	THICKNESS OPTION:	Copper Panel Price - 16 Oz., 14.5" Wide Panels	SF	
14.04.11	THICKNESS OPTION:	Copper Panel Price - 20 Oz., 14.5" Wide Panels	SF	
14.04.12	THICKNESS OPTION:	Zinc Panel Price - 0.032", 14.5" Wide Panels	SF	
14.04.13	THICKNESS OPTION:	Zinc Panel Price - 0.040", 14.5" Wide Panels	SF	
14.04.14	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF	
14.04.15	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3:12 Slope	SF	

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	
14.05	**ROOF CONFIGURATION** **Flat Seam Metal Roof System - 8' Wide / 30 Gauge**			
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	
15.00	**RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS**			
15.01	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE** Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal		SF	
15.02	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS** Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal		LF	
15.03	**PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF** Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal		SF	
15.04	**RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM** 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	**RESATURATION OF ASPHALT OR COAL TAR PITCH BURs WITH COAL-TAR PITCH COATING SYSTEM** 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	**RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING** 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 loft) Base Coat / Top Coat with Synthetic Rubberized Restorative Coating (1.5 Gallons per Sq.) According to Manufacturer's Specifications		SF	
15.07	**RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE** 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	**RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE** 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	**COAT ROOF WITH HIGH PERFORMANCE FLUORPOLYMER PAINT SYSTEM FOR METAL ROOFS** 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	**RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE & STRIPPED SEAMS** 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	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** 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.	SF	
15.12	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** 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.	SF	
15.13	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** 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.	SF	
15.14	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** 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.	SF	
15.15	**RESTORATION OF A SINGLE-PLY WITH TWO-COMPONENT, LOW-ODER URETHANE & STRIPPED SEAMS** 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.	SF	
15.16	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODER URETHANE & REINFORCED SEAMS** 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.	SF	
15.17	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** 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.	SF	
15.18	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE & REINFORCED SEAMS** 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.	SF	
15.19	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** 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.	SF	
15.20	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	
15.21	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	
15.22	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	

15.23	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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	**COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING** 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	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-REINFORCED GLASS FIBERED ASPHALT EMULSION** 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	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH GLASS FIBERED ASPHALT EMULSION** 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	**RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** 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	**RESTORATION OF GRAVEL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** 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	**ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS** 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	**REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE** 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	**REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** 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	**STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE** Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square	LF	
15.33	**STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** Strip in Seams by Applying a Two-Component, Low Odor Urethane 2 Gallons per Square	LF	
16.00	**INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS**		
16.01	**INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -** New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.02	**REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.03	**INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
16.04	**INSTALL NEW CEDAR SHAKE ROOF SYSTEM -** New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves Peaks & Valleys	SF	
16.05	**INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -** 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	**INSTALL SLATE TILE ROOF SYSTEM -** New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves Peaks & Valleys	SF	
16.07	**ADD/DEDIUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -** Install Self-Adhering Underlayment on Entire Roof Deck	SF	
17.00	**FULLY ADHERED SINGLE-PLY ROOF SYSTEMS**		
17.01	**METAL DECK - SINGLE-PLY APPLICATION**		
17.01.01	**INSULATION OPTION:** 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	
17.02	**WOOD/TECTUM DECK - SINGLE-PLY APPLICATION**		

17.02.01	INSULATION OPTION:	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	SF	
17.02.02	INSULATION OPTION:	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	SF	
17.02.03	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
17.03	**LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION**			
17.03.01	INSULATION OPTION:	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	SF	
17.03.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
17.04	**CONCRETE DECK - SINGLE-PLY APPLICATION**			
17.04.01	INSULATION OPTION:	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	SF	
17.04.02	INSULATION OPTION:	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	SF	
17.05	**ROOF CONFIGURATION:** **Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation**			
17.05.01	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	
17.05.02	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF	
17.05.03	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	
17.05.04	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF	
17.05.05	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	
17.05.06	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF	
17.05.07	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF	
17.05.08	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF	
17.05.09	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF	
17.05.10	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF	
17.05.11	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
17.05.12	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF	
17.05.13	INSTALLATION OPTION:	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	SF	
17.05.15	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 17.05 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
17.05.16	WARRANTY UPCHARGE:	Add to provide coverage for a 15 Year Labor & Material Warranty with No Dollar Limitations	SF	

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	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS**			
18.01	**POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)**			
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	**POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE**			
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	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS & PREPARATION**			
18.03.01	CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.03.02	CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.03.03	CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH Removal and replacement of damaged concrete to exclude substrate repair re-installation		SF	
18.03 04	CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	
18 03 05	CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	
18.03 06	CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation		SF	
18.03 07	CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	
18.03 08	CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		SF	
18 03 09	GRINDING Grind an existing coating		SF	
18.03.10	HANDHELD GRINDING Grind an existing coating in areas that only can be done by hand		SF	
18.03.11	MILLING Mill an existing coating 1/8 inch to 1/4 inch		SF	
18 03.12	PRESSURE WASHING - HORIZONTAL Pressure washing horizontal surfaces with 2000 PSI or greater		SF	
18 03 13	PRESSURE WASHING - VERTICAL Pressure washing horizontal surfaces with 2000 PSI or greater		SF	
18.03 14	SAND BLASTING Sand blast an existing coating		SF	
18.03 15	SHOT BLASTING Shot blast an existing coating		SF	
18.04	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILLARY REPAIRS & SURFACE PREPARATION**			
18.04.01	STRUCTURAL EXPANSION JOINT Installation or replacement of an expansion joint that is necessary for structural integrity		LF	

18.04.02	**CAULKING JOINTS** Installation of caulking in joints. See caulking chart		LF	
18.04.03	**ROUTING AND REMOVAL OF EXISTING CAULK** Rout and remove of existing caulk out of expansion joints		LF	
18.04.04	**EPOXY INJECTION FOR CRACK REPAIR** Route cracks, drill holes every 18" inches, and inject and seal with epoxy		LF	
18.04.05	**TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS**		LF	
18.04.06	**WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT**		SF	
18.05	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING**			
18.05.01	**INSTALL REINFORCEMENT IN COATING SYSTEM** Installation of reinforcement adjustment of coverage rates to accommodate reinforcement		LF	
18.05.02	**BROADCAST GRANULES TO PROVIDE SKID RESISTANCE** Broadcast aggregate or granules to provide skid resistance in top coat		LF	
19.00	**WALL COATINGS FOR COATING WALL SYSTEMS**			
19.01	**ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
19.02	**ELASTOMERIC COATING FOR EFIS WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
19.03	**ELASTOMERIC COATING FOR CMU WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
19.04	**ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		SF	
20.00	**NEW FLASHINGS FOR ROOFING SYSTEMS & RESTORATION OPTIONS**			
20.01	**ROOF FLASHINGS FOR MODIFIED & COAL TAR PITCH ROOF SYSTEMS:** 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	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	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application		SF	
20.01.12	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flashing Adhesive Application		SF	
20.02	**Torch Applied Flashings -** 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	
20.03	**Self-Adhering Flashings -** 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	

20.04	**Single-Ply Flashings -** Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems			
20.04.01	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	
20.04.02	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF	
20.04.03	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	
20.04.04	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF	
20.04.05	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	
20.04.06	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF	
20.04.07	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF	
20.04.08	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF	
20.04.09	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF	
20.04.10	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF	
20.04.11	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
20.04.12	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF	
21.00	**METAL WALL PANEL SYSTEMS**			
21.01	**WALL SYSTEM** Exposed Fastener Wall Panel System			
21.01.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	SF	
21.01.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	SF	
21.01.03	PANEL WIDTH OPTION:	Add for 32" Panel Width - Aluminum	SF	
21.01.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga. 36" Wide Panels	SF	
21.01.05	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga. 36" Wide Panels	SF	
21.01.06	PANEL WIDTH OPTION:	Add for 32" Panel Width - Galvalume Coated Steel or Equal	SF	
21.01.07	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.01.08	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.01.09	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.01.10	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga. 36" Wide Panels	SF	
21.01.11	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga. 36" Wide Panels	SF	
21.01.12	PANEL WIDTH OPTION:	Add for 32" Panel Width - Stainless Steel	SF	
21.01.13	THICKNESS OPTION:	Copper Panel Price - 16 Oz., 36" Wide Panels	SF	
21.01.14	THICKNESS OPTION:	Copper Panel Price - 20 Oz., 36" Wide Panels	SF	
21.01.15	PANEL WIDTH OPTION:	Add for 32" Panel Width - Copper	SF	
21.01.16	THICKNESS OPTION:	Zinc Panel Price - 0.032", 36" Wide Panels	SF	
21.01.17	THICKNESS OPTION:	Zinc Panel Price - 0.040", 36" Wide Panels	SF	
21.01.18	PANEL WIDTH OPTION:	Add for 32" Panel Width - Zinc	SF	
21.01.19	PANEL INSTALLATION & INSULATION OPTION:	Over Girts: 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	SF	
21.01.20	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	
21.01.21	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	

21.01.22	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood; No Insulation	SF	
21.02	**WALL SYSTEM** Concealed Fastener Wall Panel System - 12" Wide Panels			
21.02.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	SF	
21.02.02	THICKNESS OPTION:	Add for Bare Aluminum, 0.040" Aluminum	SF	
21.02.03	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	SF	
21.02.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	SF	
21.02.05	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.06	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.07	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.08	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga Thickness	SF	
21.02.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga Thickness	SF	
21.02.10	THICKNESS OPTION:	Copper Panel Price - 16 Oz Thickness	SF	
21.02.11	THICKNESS OPTION:	Copper Panel Price - 20 Oz Thickness	SF	
21.02.12	THICKNESS OPTION:	Zinc Panel Price - 0.032" Thickness	SF	
21.02.13	THICKNESS OPTION:	Zinc Panel Price - 0.040" Thickness	SF	
21.02.14	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	SF	
21.02.15	PANEL INSTALLATION & INSULATION OPTION:	Over Girts, Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	
21.02.16	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	
21.02.17	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood; No Insulation	SF	
21.02.18	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL TYPE OPTION:	Add for Factory Insulated Concealed Fastener Wall Panel	SF	
21.03	**AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)**			
21.03.01	Non-Permeable Option:	Fluid Applied System - ASTM 2178	SF	
21.03.02	Non-Permeable Option:	Fluid Applied Water Based System - ASTM 2178	SF	

21.03.03	Non-Permeable Option:	Membrane System - ASTM E 2178	SF	
21.03.04	Permeable Option	Fluid Applied System - ASTM E 2178 & ASTM E 96	SF	
21.03.05	Permeable Option:	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	SF	
21.03.06	Permeable Option	Membrane System - ASTM 2178 & ASTM E 96	SF	
21.04	**INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)**			
21.04.01	Insulation Option:	1" Rock Wool Insulation Installed	SF	
21.04.02	Insulation Option:	2" Rock Wool Insulation Installed	SF	
21.04.03	Insulation Option:	3" Rock Wool Insulation Installed	SF	
21.04.04	Insulation Option:	4" Rock Wool Insulation Installed	SF	
21.04.05	Insulation Option:	1" Extruded Polystyrene Insulation Installed	SF	
21.04.06	Insulation Option:	2" Extruded Polystyrene Insulation Installed	SF	
21.04.07	Insulation Option:	3" Extruded Polystyrene Insulation Installed	SF	
21.04.08	Insulation Option:	4" Extruded Polystyrene Insulation Installed	SF	
22.00	**JOB SITE SPECIFIC MULTIPLIERS** **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.** **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.**			
22.01	**MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS** 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.		%	
22.02	**MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR WALLS** 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.		%	
22.03	**MULTIPLIER - MULTIPLE MATERIAL STAGINGS** 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.		%	
22.04	**MULTIPLIER - ACCELERATED SCHEDULE** 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.		%	
22.05	**MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS** Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.		%	
22.06	**MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS** 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.		%	
22.07	**MULTIPLIER - CLEARENCE RESTRICTIONS REQUIRE WORKING FROM KNEE-LEVEL OR BELOW (APPLIES TO ONLY THE EFFECTED ROOF AREA)** 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.		%	
22.08	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES** 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.		%	
22.09	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN OR EQUAL TO 100 FT** 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.		%	
22.10	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 100 FT** 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	**MULTIPLIER - WALL COATING, MASONRY REPAIRS OR WATERPROOFING REQUIRES A SWING STAGE** 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	**MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE** 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	**MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE** 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	**MULTIPLIER - ROOF HAS GREATER THAN 8/12 SLOPE** 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	**MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 500 SF, BUT LESS THAN 1,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 30,000 SF, BUT LESS THAN 50,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 50,000 SF, BUT LESS THAN 100,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 100,000 SF, BUT LESS THAN 200,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 200,000 SF** 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	%	

	Cleaning & Caulking		
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	
	Masonry section	UNIT	$ per Unit
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	
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	UNIT	$ per Unit
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	
	Selective Demolition of Mortar Joint with Perimeter Saw cutting	UNIT	$ per Unit
23.33	Removal of existing mortar (½" wide by ¾" depth)	SF	
23.34	Removal of existing mortar (¾" wide by ¾" depth)	SF	
23.35	Removal of existing mortar (½" wide by 1½" depth)	SF	
23.36	Removal of existing mortar (¾" wide by 1½" depth)	SF	
	New Pointing Work	UNIT	$ per Unit
23.37	Furnish and install new mortar (½" wide by ¾" depth)	SF	
23.38	Furnish and install new mortar (¾" wide by ¾" depth)	SF	
23.39	Furnish and install new mortar (½" wide by 1 ½" depth)	SF	
23.40	Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	
	Removal of Roof Parapets	UNIT	$ per Unit
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	
	Reconstruction of Brick Masonry Roof Parapets	UNIT	$ per Unit
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	
	New Through wall Flashings	UNIT	$ per Unit
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	

	Roof Coping Stones.	UNIT	$ per Unit
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	
	CMU Backup Wall Repair and Waterproofing.	**UNIT**	**$ per Unit**
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	
	Crack Repair	**UNIT**	**$ per Unit**
23.66	Drill and install new stainless steel pins.	Each	
23.67	Grouting of open cracks	SF	
23.68	Replacement of cracked bricks	SF	
	New Concrete and Coating	**UNIT**	**$ per Unit**
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	
	Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets	**UNIT**	**$ per Unit**
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	
	Roof Accessories	**UNIT**	**$ per Unit**

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	
	Common Roof Repair Items	**UNIT**	**$ per Unit**
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	
	Leak Response & Preventive Maintenance	**UNIT**	**$ per Unit**
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 Maitenance Completion Report with Back-Up	EA	
	Equipment	**UNIT**	**$ per Unit**
23.159	Folklift/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	%	
	Other Services	**UNIT**	**$ per Unit**
23.165	Demobilization - Pre-Planned or Additional Un-planned	EA	
23.166	Remobilization - Pre-Planned or Additional Un-planned	EA	
	Additional repair options	**UNIT**	**$ per Unit**
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 $25,000) Cost plus added to quote	%	
23.168	Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available) Cost plus added to catalog pricing	%	
	Catalog Pricing	**UNIT**	**$ per Unit**
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.		
	Green Roofing	**UNIT**	**$ per Unit**
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"				
Price Per Bend				

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				

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"	3/18"	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"													
3/18"													
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"	3/18"	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"													
3/18"													
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"	3/18"	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"													
3/18"													
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			

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):

Racine County
WISCONSIN

Purchasing Department
Duane McKinney
730 Wisconsin Avenue
Racine, WI 53403
262-636-3700
fax: 262-636-3763

EXHIBIT 1

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.
   a. Is this procedure additional to the alternative costing method provided in C.4.?
   b. 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/PrevailingWageSearchByCounty?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
PARTNERS

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 guarantees 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 andSupplier.

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 tradeshows 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 thestate.

(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: _____

IFB #PW1908 Roofing Supplies and Services, Waterproofing, and Related Products and Services
Attachment C - Bid Form

Line Item			Unit	$ per Unit
1.00	**Roof Management, Design Assistant and/or Professional Services**			
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	
1.07	**Nuclear Moisture Survey, Non destructive roof scan**			
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	
1.08	**Infrared Moisture Scanning**			
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	
1.10	**Roof Investigation (visual roof survey)**			
1.10.01	Roof Investigation (Roof by Roof), per hour		HOUR	
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	
1.11	**Comprehensive reporting**			
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 enertered 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	
1.14	**Roof drawings to scale with all rooftop equipment and penetrations**			
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	
1.16	**Additional and Occasional Services**			
1.16.01	Project Architect for Design Professional Services		HOUR	
1.16.02	Principle Architect for Design Professional Services		HOUR	
1.16.03	Project Engineer for Engineering Reviews		HOUR	
1.16.04	Principle Architect for Engineering Reviews		HOUR	
1.16.06	Roof Consultant		HOUR	
1.16.07	Full-Time Job Site Superintendent		DAY	
1.16.08	CAD Draftsman		HOUR	
1.17	**Laboratory Analysis**			
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	
1.18	**Travel Expenses**			
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	
1.40	**Additional Professional Services**			
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		%	
2.00	**Tear-off & Dispose of Debris**			
2.01	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	
2.02	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	
2.03	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	
2.04	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	
2.05	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	
2.06	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	
2.07	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	

2.08	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	
2.09	**SYSTEM TYPE** Single-Ply W/ Insulation - Metal Deck	SF	
2.10	**SYSTEM TYPE** Single-Ply W/ Insulation - Wood / Tectum Deck	SF	
2.11	**SYSTEM TYPE** Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF	
2.12	**SYSTEM TYPE** Single-Ply W/ Insulation - Concrete Deck	SF	
2.13	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Metal Deck	SF	
2.14	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck	SF	
2.15	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF	
2.16	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Concrete Deck	SF	
2.17	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck	SF	
2.18	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	SF	
2.19	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	SF	
2.20	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck	SF	
2.21	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck	SF	
2.22	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	SF	
2.23	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	SF	
2.24	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	
2.25	**SYSTEM TYPE** Metal Roofing System - Metal Deck	SF	
2.26	**SYSTEM TYPE** Metal Roofing System - Wood / Tectum Deck	SF	
2.27	**SYSTEM TYPE** Metal Roofing System - Lightweight / Gypsum Deck	SF	
2.28	**SYSTEM TYPE** Metal Roofing System - Concrete Deck	SF	
2.29	**SYSTEM TYPE** Dimensional/Architectural Shingle Roof - Wood Deck	SF	
2.30	**SYSTEM TYPE** 3-Tab Shingle Roof - Wood Deck	SF	
2.31	**SYSTEM TYPE** Clay Tile Shingle Roof - Wood Deck	SF	
2.32	**SYSTEM TYPE** Concrete Tile Shingle Roof - Wood Deck	SF	
2.33	**SYSTEM TYPE** Slate Tile Shingle Roof - Wood Deck	SF	
2.34	**SYSTEM TYPE** Cedar / Wood Shake Shingle Roof - Wood Deck	SF	
2.35	**SYSTEM TYPE** Add to save good Clay Tile Shingles for reuse	SF	

2.36	**SYSTEM TYPE** Add to save good Concrete Tile Shingles for reuse	SF	
2.37	**SYSTEM TYPE** Add to save good Slate Tile Shingles for reuse	SF	
2.38	**SYSTEM TYPE** Add to save good Cedar / Wood Shake Shingles for reuse	SF	
2.39	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Metal Deck	SF	
2.40	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Wood / Tectum Deck	SF	
2.41	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	SF	
2.42	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Concrete Deck	SF	
2.43	**SYSTEM TYPE** Add of Each Additional Average Depth 1" of Polyurethane Foam (PUF) Roofing	SF	
2.44	**SYSTEM TYPE** BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.45	**SYSTEM TYPE** BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.46	**SYSTEM TYPE** Single-Ply to the Existing Insulation (Insulation to be Re-Used	SF	
2.47	**SYSTEM TYPE** Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used	SF	
2.48	**SYSTEM TYPE** Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.49	**SYSTEM TYPE** Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	
2.99	**MULTIPLIER - TEAR-OFF & DISPOSE OF DEBRIS** Each Additional Roof System	%	
3.00	**Removal & Replacement of Roof Deck**		
3.01	**DECK TYPE** Spot Metal Deck Replacement (Multiple areas under 1 square)	SF	
3.02	**DECK TYPE** Spot Wood Deck Replacement (Multiple areas under 1 square)	SF	
3.03	**DECK TYPE** Spot Gypsum Deck Replacement (Multiple areas under 1 square)	SF	
3.04	**DECK TYPE** Spot Concrete Deck Replacement (Multiple areas under 1 square)	SF	
3.05	**DECK TYPE** Spot Lightweight Deck Replacement (Multiple areas under 1 square)	SF	
3.06	**DECK TYPE** Spot Tectum Deck Replacement (Multiple areas under 1 square)	SF	
3.07	**DECK TYPE** Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.08	**DECK TYPE** Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.09	**DECK TYPE** Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.10	**DECK TYPE** Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
3.11	**DECK TYPE** Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square)	SF	

3.12	**DECK TYPE** Large Areas of Tectum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
4.00	**Insulation Recovery Board & Insulations Options**		
4.01	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
4.03	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
4.04	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	
4.05	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	
4.06	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	
4.07	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**RECOVERY BOARD TYPE** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF	
4.18	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SUBSTITUTION OPTION:** 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	**INSULATION SUBSTITUTION OPTION:** 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	**INSULATION SUBSTITUTION OPTION:** 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	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SUBSTITUTION OPTION** 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	**INSULATION SLOPE OPTION** 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	**INSULATION SLOPE OPTION** 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	**INSULATION SLOPE OPTION** Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive	SF	
4.28	**INSULATION SLOPE OPTION** Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive	SF	
4.29	**INSULATION SUBSTITUTION OPTION** Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
4.30	**INSULATION SUBSTITUTION OPTION** Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
4.31	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	SF	
4.32	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90	SF	
5.00	**Coat New Roofing With Elastomeric Coating**		
5.01	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	SF	
5.02	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	SF	
5.03	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** 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	**ROOF SYSTEM TYPE** Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified		SF	
5.11	**ROOF SYSTEM TYPE** Apply a Fibered Aluminum Coating per Specifications (2 Gallons per Square per Coat - 1 Coat Required) - Smooth or Mineral Surfaced Modified		SF	
6.00	**Roof Deck and Insulation Option**			
6.01	**METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.01.01	**INSULATION OPTION:**	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	
6.02	**WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.02.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	SF	
6.02.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
6.03	**TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.03.01	**INSULATION OPTION:**	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	SF	
6.03.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
6.04	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.04.01	**INSULATION OPTION:**	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	SF	
6.04.02	**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	
6.05	**CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.05.01	**INSULATION OPTION:**	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	SF	

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	
6.06	**METAL ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.07	**WOOD ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.08	**TECTUM ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.09	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.10	**CONCRETE ROOF DECK - COLD PROCESS APPLICATION**			
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	
6.11	**METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			

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	**TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	**INSTALL PRIOR TO ROOF SYSTEM INSULATION:**			
6.16.01	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	SF	
6.16.03	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt	SF	
6.16.04	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	SF	
6.16.05	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	SF	
6.16.06	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified Asphalt	SF	
6.16.07	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON METAL DECK:** 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	SF	
6.16.08	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	SF	

6.16.09	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	VAPOR BARRIER OPTION:	COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK: 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	SF	
7.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT			
7.01	ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt			
7.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
7.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
7.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
7.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
7.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
7.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
7.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
7.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
7.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
7.06	DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR 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)		SF	
7.07	ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR Each Additional Glass Felt (Hot Applications) Inter-ply Installed		SF	
8.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT			
8.01	ROOF CONFIGURATION 2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt			
8.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
8.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	

8.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
8.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
8.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
8.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 8.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
8.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
8.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
8.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
8.06	**DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR** 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)		SF	
8.07	**ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR** Each Additional Glass Base (Cold Applications) Inter-ply Installed		SF	
9.00	**BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT - FLOOD COAT & AGGREGATE IN MODIFIED COAL TAR PITCH**			
9.01	**ROOF CONFIGURATION** **2 ply of Glass Felt, Cap Sheet, Set In Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate**			
9.01.01	ROOFING MEMBRANE & COATING OPTION:	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	SF	
9.01.02	ROOFING MEMBRANE & COATING OPTION	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	SF	
9.01.03	ROOFING MEMBRANE & COATING OPTION	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	SF	
9.01.04	ROOFING MEMBRANE & COATING OPTION	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	SF	

9.01.05	ROOFING MEMBRANE & COATING OPTION	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	SF	
9.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 9.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
9.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
9.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
9.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
9.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	
10.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
10.01	**ROOF CONFIGURATION 2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt**			
10.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
10.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - Minimum of 220 lbf/in tensile	SF	
10.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
10.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
10.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
10.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 10.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
10.03	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	
10.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	
10.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
11.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT**			
11.01	**ROOF CONFIGURATION 2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt**			

11.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
11.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
11.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
11.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
11.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
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 includes coverage for roof uplift pressures up to 90 MPH	SF	
11.03	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	
11.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	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) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER**			
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	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.05.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.05.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.05.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 500 lbf/in tensile	SF	
12.05.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 600 lbf/in tensile	SF	
12.05.06	**WARRANTY CHARGE:**	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.05.07	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	

12.05 08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.05 09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.06	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt**			
12.06 01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.06 02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.06 03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.06.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
12.06 05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
12.06 06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.06 07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.06.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.06 09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.07	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch**			
12.07.01	ROOFING MEMBRANE & COATING OPTION:	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	SF	
12.07.02	ROOFING MEMBRANE & COATING OPTION	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	SF	
12.07 03	ROOFING MEMBRANE & COATING OPTION	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	SF	

12.07.04	ROOFING MEMBRANE & COATING OPTION	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	SF	
12.07.05	ROOFING MEMBRANE & COATING OPTION	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	SF	
12.07.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	
12.07.07	WARRANTY CHARGE:	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	SF	
12.07.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.07.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.07.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.08	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt**			
12.08.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.08.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.08.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.08.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
12.08.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
12.08.06	MEMBRANE ADHESIVE & COATING OPTION:	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	
12.08.07	WARRANTY CHARGE:	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	SF	
12.08.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	

12.08 09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.08 10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.09	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt**			
12.09.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.09.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12 09 03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12 09 04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
12.09.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	
12.09.06	MEMBRANE ADHESIVE OPTION:	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	
12 09 07	WARRANTY CHARGE:	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	SF	
12 09.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12 09 09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.09 10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.10	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold Applied Modified Coal Tar Pitch and Aggregate**			
12.10.01	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12 10 02	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
12.10.03	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
12.10 04	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	

12.10.05	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	SF	
12.10.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.10.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.10.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.10.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.11	**ROOF CONFIGURATION** **1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Application**			
12.11.01	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	SF	
12.11.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.11 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
12.11.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.11.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.11.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.12	**ROOF CONFIGURATION** **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	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	SF	
12.12.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
12.12.03	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	
12.12.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	
12.12.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.13	**ROOF CONFIGURATION** **1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing**			

12.13.01	ROOF CONFIGURATION OPTION:	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	SF	
12.13.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.13 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
12.13.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.13.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.13.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.14	**ROOF CONFIGURATION** **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	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	
12.14.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
12.14.03	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.14.04	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.14.05	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
12.14.06	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
12.15	**ROOF CONFIGURATION** **1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams**			
12.15.01	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	
12.15.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
12.15.03	MEMBRANE ADHESIVE OPTION:	**Add/Deduct for Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	SF	
12.15.04	MEMBRANE ADHESIVE OPTION:	**PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	SF	
12.15.05	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
12.15.06	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	
12.15.08	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF	

12.15.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
13.00	**BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH**			
13.01	**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 & Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt**			
13.01.01	ROOF CONFIGURATION OPTION:	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	
13.01.02	ROOF CONFIGURATION OPTION:	3-Ply Continuous Filament Polyester Mat (5.0 oz./yd2) in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	
13.02	INTERPLY ADHESIVE & FLOOD COAT OPTION:	**PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH** Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch	SF	
13.03	FLOOD COAT OPTION:	**PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS+ MODIFIED COAL TAR PITCH FOR FLOOD COAT** Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch+B222	SF	
13.04	WARRANTY CHARGE:	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	SF	
13.05	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
13.06	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
13.07	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
14.00	**METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2)**			
14.01	**INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE**			
14.01.01	INSULATION OPTION:	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	SF	
14.01.02	INSULATION OPTION:	Architectural Application - No Insulation - WOOD DECK: Class A Fire-Retardant Underlayment	SF	
14.01.03	INSULATION OPTION:	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	SF	
14.01.04	INSULATION OPTION:	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20, with 40 mil Self-Adhering Underlayment	SF	

14 01 05	INSULATION OPTION:	Structural Application Over Open Framing; Over Retrofit Framing, Over an Existing Roof Using Steel Furring - No Insulation	SF	
14 01 06	INSULATION OPTION:	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	SF	
14.01.07	INSULATION OPTION:	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	SF	
14.01.08	INSULATION OPTION:	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	SF	
14 01 09	INSULATION OPTION:	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	SF	
14.02	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"**			
14 02 01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0 032" Aluminum, 18" - 19" Wide Panels	SF	
14.02.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum 18" - 19" Wide Panels	SF	
14 02 03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF	
14.02.04	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Aluminum	SF	
14 02 05	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Aluminum	SF	
14 02 06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	SF	
14 02 07	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	
14 02 08	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	SF	
14.02.09	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	SF	
14.02.10	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	SF	
14.02.11	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14 02 12	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.02.13	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.02.14	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga , 18" - 19" Wide Panels	SF	
14.02.15	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	

14.02.16	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Stainless Steel	SF	
14.02.17	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Stainless Steel	SF	
14.02.18	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Stainless Steel	SF	
14.02.19	THICKNESS OPTION:	Copper Panel Price - 16 oz.18" - 19" Wide Panels	SF	
14.02.20	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" - 19" Wide Panels	SF	
14.02.21	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Copper	SF	
14.02.22	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Copper	SF	
14.02.23	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Copper	SF	
14.02.24	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	SF	
14.02.25	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	SF	
14.02.26	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Zinc	SF	
14.02.27	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Zinc	SF	
14.02.28	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Zinc	SF	
14.02.29	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck At or Above 3:12 Slope	SF	
14.02.30	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck Below 3:12 Slope	SF	
14.02.31	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3:12 Slope	SF	
14.02.32	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing Below 3:12 Slope	SF	
14.02.33	PANEL INSTALLATION OPTION:	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	SF	
14.02.34	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Retrofit Framing System Below 3:12 Slope	SF	
14.02.35	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	SF	
14.02.36	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3:12 Slope	SF	
14.02.37	PANEL FABRICATION OPTION:	On-Site Roll Forming - To achieve panel lengths in excess of shipping or transportation limitations	SF	
14.02.38	PANEL FABRICATION OPTION:	Curving Panels - Curving panels to meet architectural requirements	SF	
14.02.39	PANEL FABRICATION OPTION:	Tapering Panels - Tapering panels to meet architectural requirements	SF	
14.02.40	WARRANTY CHARGE:	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	SF	

14.02.41	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.02.42	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.02.43	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
14.03	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels**			
14.03.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	SF	
14.03.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum 18" Wide Panels	SF	
14.03.03	PANEL WIDTH OPTION:	Add for 12" Panel Width - Aluminum	SF	
14.03.04	PANEL WIDTH OPTION:	Add for 16" Panel Width - Aluminum	SF	
14.03.05	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	SF	
14.03.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	SF	
14.03.07	PANEL WIDTH OPTION:	Add for 12" Panel Width - Galvalume Coated Steel or Equal	SF	
14.03.08	PANEL WIDTH OPTION:	Add for 16" Panel Width - Galvalume Coated Steel or Equal	SF	
14.03.09	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.03.10	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.03.11	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.03.12	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga , 18" Wide Panels	SF	
14.03.13	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	SF	
14.03.14	PANEL WIDTH OPTION:	Add for 12" Panel Width - Stainless Steel	SF	
14.03.15	PANEL WIDTH OPTION:	Add for 16" Panel Width - Stainless Steel	SF	
14.03.16	THICKNESS OPTION:	Copper Panel Price - 16 oz,18" Wide Panels	SF	
14.03.17	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" Wide Panels	SF	
14.03.18	PANEL WIDTH OPTION:	Add for 12" Panel Width - Copper	SF	
14.03.19	PANEL WIDTH OPTION:	Add for 16" Panel Width - Copper	SF	
14.03.20	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" Wide Panels	SF	
14.03.21	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" Wide Panels	SF	
14.03.22	PANEL WIDTH OPTION:	Add for 12" Panel Width - Zinc	SF	
14.03.23	PANEL WIDTH OPTION:	Add for 16" Panel Width - Zinc	SF	
14.03.24	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3 12 Slope	SF	
14.03.25	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3 12 Slope	SF	

14.03 26	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	SF	
14 03 27	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Retrofit Framing System At or Above 3 12 Slope	SF	
14.03.28	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3.12 Slope	SF	
14.03.30	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	
14.03.31	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	
14.03.32	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	
14 03.33	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
14.04	**ROOF CONFIGURATION** **Architectural Standing Seam Roof System; Seam Height Below 1"**			
14 04 01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0 032" Aluminum, 14.5" Wide Panels	SF	
14 04.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum, 14 5" Wide Panels	SF	
14 04 03	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14 5" Wide Panels	SF	
14.04 04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 14 5" Wide Panels	SF	
14.04.05	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.06	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.07	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.08	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga, 14 5" Wide Panels	SF	
14.04 09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14 5" Wide Panels	SF	
14.04 10	THICKNESS OPTION:	Copper Panel Price - 16 Oz , 14 5" Wide Panels	SF	
14.04.11	THICKNESS OPTION:	Copper Panel Price - 20 Oz., 14.5" Wide Panels	SF	
14.04.12	THICKNESS OPTION:	Zinc Panel Price - 0 032" , 14 5" Wide Panels	SF	

14.04.13	THICKNESS OPTION:	Zinc Panel Price - 0.040", 14 5" Wide Panels	SF	
14.04.14	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF	
14.04.15	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3 12 Slope	SF	
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	
14.05	**ROOF CONFIGURATION** **Flat Seam Metal Roof System - 8' Wide / 30 Gauge**			
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	
15.00	**RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS**			
15.01	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE** Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal		SF	
15.02	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS** Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal		LF	
15.03	**PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF** Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal		SF	
15.04	**RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM** 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	**RESATURATION OF ASPHALT OR COAL TAR PITCH BURs WITH COAL-TAR PITCH COATING SYSTEM** 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	**RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING** 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	**RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE** 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	**RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE** 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	**COAT ROOF WITH HIGH PERFORMANCE FLUORPOLYMER PAINT SYSTEM FOR METAL ROOFS** 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	**RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE & STRIPPED SEAMS** 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	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** 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	SF	
15.12	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** 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.	SF	
15.13	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** 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.	SF	
15.14	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** 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.	SF	
15.15	**RESTORATION OF A SINGLE-PLY WITH TWO-COMPONENT, LOW-ODER URETHANE & STRIPPED SEAMS** 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.	SF	

15.16	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW ODER URETHANE & REINFORCED SEAMS** 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.	SF	
15.17	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** 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.	SF	
15.18	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE & REINFORCED SEAMS** 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.	SF	
15.19	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** 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.	SF	
15.20	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	
15.21	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	
15.22	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	
15.23	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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	**COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING** 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	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-REINFORCED GLASS FIBERED ASPHALT EMULSION** 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	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH GLASS FIBERED ASPHALT EMULSION** 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	**RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** 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	**RESTORATION OF GRAVEL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** 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	**ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS** 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	**REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE** 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	**REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** 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	**STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE** Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square		LF	
15.33	**STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** Strip in Seams by Applying a Two-Component, Low Odor Urethane 2 Gallons per Square		LF	
16.00	**INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS**			
16.01	**INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -** New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		SF	
16.02	**REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment. Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		SF	
16.03	**INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment. Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		SF	
16.04	**INSTALL NEW CEDAR SHAKE ROOF SYSTEM -** New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		SF	
16.05	**INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -** 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	**INSTALL SLATE TILE ROOF SYSTEM -** New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		SF	
16.07	**ADD/DEDIUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -** Install Self-Adhering Underlayment on Entire Roof Deck		SF	
17.00	**FULLY ADHERED SINGLE-PLY ROOF SYSTEMS**			
17.01	**METAL DECK - SINGLE-PLY APPLICATION**			
17.01.01	**INSULATION OPTION:**	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	
17.02	**WOOD/TECTUM DECK - SINGLE-PLY APPLICATION**			

17.02 01	INSULATION OPTION:	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	SF	
17.02 02	INSULATION OPTION:	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	SF	
17.02 03	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
17.03	**LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION**			
17.03 01	INSULATION OPTION:	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	SF	
17.03 02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
17.04	**CONCRETE DECK - SINGLE-PLY APPLICATION**			
17.04.01	INSULATION OPTION:	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	SF	
17.04 02	INSULATION OPTION:	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	SF	
17.05	**ROOF CONFIGURATION:** **Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation**			
17.05 01	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	
17.05 02	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF	
17.05 03	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	
17.05.04	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF	
17.05.05	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	
17.05 06	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF	
17.05 07	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF	
17.05 08	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF	
17.05.09	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF	

17.05.10	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF	
17.05.11	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
17.05.12	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF	
17.05.13	INSTALLATION OPTION:	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	SF	
17.05.15	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 17.05 Must includes coverage for roof uplift pressures up to 90 MPH	SF	
17.05.16	WARRANTY UPCHARGE:	Add to provide coverage for a 15 Year Labor & Material Warranty with No Dollar Limitations	SF	
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	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS**			
18.01	**POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)**			
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	**POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE**			
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	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS & PREPARATION**			

18.03 01	**CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03 02	**CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03 03	**CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03 04	**CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
18.03 05	**CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
18.03 06	**CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
18.03 07	**CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation, includes reinforcement	SF	
18.03 08	**CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation, includes reinforcement	SF	
18.03 09	**GRINDING** Grind an existing coating	SF	
18.03 10	**HANDHELD GRINDING** Grind an existing coating in areas that only can be done by hand	SF	
18.03 11	**MILLING** Mill an existing coating 1/8 inch to 1/4 inch	SF	
18.03 12	**PRESSURE WASHING - HORIZONTAL** Pressure washing horizontal surfaces with 2000 PSI or greater	SF	
18.03 13	**PRESSURE WASHING - VERTICAL** Pressure washing horizontal surfaces with 2000 PSI or greater	SF	
18.03 14	**SAND BLASTING** Sand blast an existing coating	SF	
18.03 15	**SHOT BLASTING** Shot blast an existing coating	SF	
18.04	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS & SURFACE PREPARATION**		
18.04.01	**STRUCTURAL EXPANSION JOINT** Installation or replacement of an expansion joint that is necessary for structural integrity	LF	
18.04.02	**CAULKING JOINTS** Installation of caulking in joints. See caulking chart	LF	
18.04.03	**ROUTING AND REMOVAL OF EXISTING CAULK** Rout and remove of existing caulk out of expansion joints	LF	
18.04.04	**EPOXY INJECTION FOR CRACK REPAIR** Route cracks, drill holes every 18" inches, and inject and seal with epoxy	LF	
18.04.05	**TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS**	LF	
18.04.06	**WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT**	SF	
18.05	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING**		
18.05.01	**INSTALL REINFORCEMENT IN COATING SYSTEM** Installation of reinforcement adjustment of coverage rates to accommodate reinforcement	LF	
18.05.02	**BROADCAST GRANULES TO PROVIDE SKID RESISTANCE** Broadcast aggregate or granules to provide skid resistance in top coat	LF	
19.00	**WALL COATINGS FOR COATING WALL SYSTEMS**		
19.01	**ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
19.02	**ELASTOMERIC COATING FOR EFIS WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
19.03	**ELASTOMERIC COATING FOR CMU WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
19.04	**ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	
20.00	**NEW FLASHINGS FOR ROOFING SYSTEMS & RESTORATION OPTIONS**		
20.01	**ROOF FLASHINGS FOR MODIFIED & COAL TAR PITCH ROOF SYSTEMS:** 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	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	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application		SF	
20.01.12	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flashing Adhesive Application		SF	
20.02	**Torch Applied Flashings -** 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	
20.03	**Self-Adhering Flashings -** 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	
20.04	**Single-Ply Flashings -** Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems			
20.04.01	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	
20.04.02	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF	
20.04.03	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	
20.04.04	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF	
20.04.05	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	
20.04.06	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF	
20.04.07	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF	
20.04.08	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF	
20.04.09	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF	
20.04.10	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF	
20.04.11	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	
20.04.12	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF	
21.00	**METAL WALL PANEL SYSTEMS**			
21.01	**WALL SYSTEM** Exposed Fastener Wall Panel System			
21.01.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	SF	
21.01.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	SF	
21.01.03	PANEL WIDTH OPTION:	Add for 32" Panel Width - Aluminum	SF	
21.01.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 36" Wide Panels	SF	
21.01.05	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	SF	
21.01.06	PANEL WIDTH OPTION:	Add for 32" Panel Width - Galvalume Coated Steel or Equal	SF	
21.01.07	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.01.08	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	

21.01.09	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.01.10	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga, 36" Wide Panels	SF	
21.01.11	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 36" Wide Panels	SF	
21.01.12	PANEL WIDTH OPTION:	Add for 32" Panel Width - Stainless Steel	SF	
21.01.13	THICKNESS OPTION:	Copper Panel Price - 16 Oz., 36" Wide Panels	SF	
21.01.14	THICKNESS OPTION:	Copper Panel Price - 20 Oz., 36" Wide Panels	SF	
21.01.15	PANEL WIDTH OPTION:	Add for 32" Panel Width - Copper	SF	
21.01.16	THICKNESS OPTION:	Zinc Panel Price - 0.032", 36" Wide Panels	SF	
21.01.17	THICKNESS OPTION:	Zinc Panel Price - 0.040", 36" Wide Panels	SF	
21.01.18	PANEL WIDTH OPTION:	Add for 32" Panel Width - Zinc	SF	
21.01.19	PANEL INSTALLATION & INSULATION OPTION:	Over Girts, 3/4" of Expanded Polystyrene (Minimum 1.5 lbs /cft) Installed Between Girts	SF	
21.01.20	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	
21.01.21	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	
21.01.22	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood, No Insulation	SF	
21.02	**WALL SYSTEM** Concealed Fastener Wall Panel System - 12" Wide Panels			
21.02.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	SF	
21.02.02	THICKNESS OPTION:	Add for Bare Aluminum, 0.040" Aluminum	SF	
21.02.03	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	SF	
21.02.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	SF	
21.02.05	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.06	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	

21.02.07	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.08	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga Thickness	SF	
21.02.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga Thickness	SF	
21.02.10	THICKNESS OPTION:	Copper Panel Price - 16 Oz Thickness	SF	
21.02.11	THICKNESS OPTION:	Copper Panel Price - 20 Oz Thickness	SF	
21.02.12	THICKNESS OPTION:	Zinc Panel Price - 0.032" Thickness	SF	
21.02.13	THICKNESS OPTION:	Zinc Panel Price - 0.040" Thickness	SF	
21.02.14	PANEL INSTALLATION & INSULATION OPTION:	Over Girts. 3/4" of Expanded Polystyrene (Minimum 1.5 lbs /cft) Installed Between Girts	SF	
21.02.15	PANEL INSTALLATION & INSULATION OPTION:	Over Girts. Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	
21.02.16	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	
21.02.17	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood; No Insulation	SF	
21.02.18	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL INSTALLATION & INSULATION OPTION:	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	PANEL TYPE OPTION:	Add for Factory Insulated Concealed Fastener Wall Panel	SF	
21.03	**AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)**			
21.03.01	Non-Permeable Option:	Fluid Applied System - ASTM 2178	SF	
21.03.02	Non-Permeable Option:	Fluid Applied Water Based System - ASTM 2178	SF	
21.03.03	Non-Permeable Option:	Membrane System - ASTM E 2178	SF	
21.03.04	Permeable Option:	Fluid Applied System - ASTM E 2178 & ASTM E 96	SF	
21.03.05	Permeable Option:	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	SF	
21.03.06	Permeable Option:	Membrane System - ASTM 2178 & ASTM E 96	SF	
21.04	**INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)**			
21.04.01	Insulation Option:	1" Rock Wool Insulation Installed	SF	
21.04.02	Insulation Option:	2" Rock Wool Insulation Installed	SF	
21.04.03	Insulation Option:	3" Rock Wool Insulation Installed	SF	

21.04.04	Insulation Option:	4" Rock Wool Insulation Installed	SF	
21.04.05	Insulation Option:	1" Extruded Polystyrene Insulation Installed	SF	
21.04.06	Insulation Option:	2" Extruded Polystyrene Insulation Installed	SF	
21.04.07	Insulation Option:	3" Extruded Polystyrene Insulation Installed	SF	
21.04.08	Insulation Option:	4" Extruded Polystyrene Insulation Installed	SF	
22.00	**JOB SITE SPECIFIC MULTIPLIERS** **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.** **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.**			
22.01	**MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS** 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.	%	
22.02	**MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR WALLS** 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.	%	
22.03	**MULTIPLIER - MULTIPLE MATERIAL STAGINGS** 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.	%	
22.04	**MULTIPLIER - ACCELERATED SCHEDULE** 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.	%	
22.05	**MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS** Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.	%	
22.06	**MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS** 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.	%	
22.07	**MULTIPLIER - CLEARENCE RESTRICTIONS REQUIRE WORKING FROM KNEE-LEVEL OR BELOW (APPLIES TO ONLY THE EFFECTED ROOF AREA)** 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.	%	
22.08	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES** 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.	%	
22.09	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN OR EQUAL TO 100 FT** 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.	%	

22.10	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 100 FT** 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	**MULTIPLIER - WALL COATING, MASONRY REPAIRS OR WATERPROOFING REQUIRES A SWING STAGE** 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	**MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE** 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	**MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE** 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	**MULTIPLIER - ROOF HAS GREATER THAN 8/12 SLOPE** 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	**MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 500 SF, BUT LESS THAN 1,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 30,000 SF, BUT LESS THAN 50,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 50,000 SF, BUT LESS THAN 100,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 100,000 SF, BUT LESS THAN 200,000 SF** 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	**MULTIPLIER - ROOF SIZE IS GREATER THAN 200,000 SF** 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	%	

	Cleaning & Caulking		
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	
	Masonry section	**UNIT**	**$ per Unit**
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	
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	**UNIT**	**$ per Unit**
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	
	Selective Demolition of Mortar Joint with Perimeter Saw cutting	**UNIT**	**$ per Unit**
23 33	Removal of existing mortar (½" wide by ¾" depth)	SF	
23 34	Removal of existing mortar (¾" wide by ¾" depth)	SF	
23 35	Removal of existing mortar (½" wide by 1½" depth)	SF	
23.36	Removal of existing mortar (¾" wide by 1½" depth)	SF	
	New Pointing Work	**UNIT**	**$ per Unit**
23 37	Furnish and install new mortar (½" wide by ¾" depth)	SF	
23 38	Furnish and install new mortar (¾" wide by ¾" depth)	SF	
23 39	Furnish and install new mortar (½" wide by 1 ½" depth)	SF	
23.40	Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	
	Removal of Roof Parapets	**UNIT**	**$ per Unit**
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	
	Reconstruction of Brick Masonry Roof Parapets	**UNIT**	**$ per Unit**
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	
	New Through wall Flashings	**UNIT**	**$ per Unit**
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	
	Roof Coping Stones.	**UNIT**	**$ per Unit**
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	
	CMU Backup Wall Repair and Waterproofing.	**UNIT**	**$ per Unit**
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	
	Crack Repair	**UNIT**	**$ per Unit**
23.66	Drill and install new stainless steel pins.	Each	
23.67	Grouting of open cracks	SF	
23.68	Replacement of cracked bricks	SF	
	New Concrete and Coating	**UNIT**	**$ per Unit**
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	
	Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets	**UNIT**	**$ per Unit**
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	
	Roof Accessories	**UNIT**	**$ per Unit**
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	
	Common Roof Repair Items	**UNIT**	**$ per Unit**
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	
	Leak Response & Preventive Maintenance	**UNIT**	**$ per Unit**
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 Maitenance Completion Report with Back-Up	EA	
	Equipment	**UNIT**	**$ per Unit**
23.159	Folklift/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	%	
	Other Services	**UNIT**	**$ per Unit**
23.165	Demobilization - Pre-Planned or Additional Un-planned	EA	
23.166	Remobilization - Pre-Planned or Additional Un-planned	EA	
	Additional repair options	**UNIT**	**$ per Unit**
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 $25,000) Cost plus added to quote	%	
23.168	Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available) Cost plus added to catalog pricing	%	
	Catalog Pricing	**UNIT**	**$ per Unit**
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.		
	Green Roofing	**UNIT**	**$ per Unit**

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"				
Price Per Bend				

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				

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"	3/18"	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"													
3/18"													
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"	3/18"	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"													
3/18"													
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"	3/18"	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"													
3/18"													
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			

Racine County
WISCONSIN

EXHIBIT 1
Award Letter

Duane McKinney
Purchasing Coordinator
730 Wisconsin Avenue
Racine, WI 53403
262-636-3700
fax: 262-636-3763
duane.mckinney@racinecounty.com

September 23, 2019

Mr. Frank Percaciante
Mr. Matt McDermott
Garland/DBS
3800 East 91st 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

OMNIA®
PARTNERS

NATIONAL IPA U.S. COMMUNITIES

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

- 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.

Purchasing Department
730 Wisconsin Avenue
Racine, WI 53403
262-636-3700
fax: 262-636-3763

Racine County
WISCONSIN

EXHIBIT 1
Master Contract

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 91st Street, Cleveland, Ohio 44105 (hereinafter referred to as "CONTRACTOR").

WITNESSETH:

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 9/23/19
Racine County Clerk

GARLAND/DBS Inc.

BY: _____
David M. Sokol, President

Date 9-27-19
Certified to be correct as to form
By _____
Racine County Corporation Counsel

REVIEWED BY FINANCE DIRECTOR

Sign _____ Date 9/27/19

since 1895

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

January 28, 2020

Mr. Jim Lange
Contract Administrator
City of Jacksonville, Florida
117 W Duval St
Jacksonville, FL 32202

RE: City of Jacksonville's Participation in the U.S. Communities Government Purchasing Alliance for Roofing and Waterproofing

Dear Mr. Lange,

Garland/DBS, Inc. would like to extend the City of Jacksonville the opportunity to piggyback on the Racine County, WI Master Agreement resulting from Invitation to Bid: PW1925 for Roofing Supplies and Services, Waterproofing and Related Products and Services ("Master Agreement") available through the OMNIA Partners, Public Sector (Legacy U.S. Communities) ("OMNIA"). Piggybacking off the Master Agreement will provide the City of Jacksonville the option to procure Roofing Supplies and Services, Waterproofing, and Related Products and Services on an as needed basis.

The Master Agreement has been made available to Participating Public Agencies (PPA) by Racine County, WI as the Lead Public Agency (LPA) for OMNIA through the Master Intergovernmental Cooperative Purchasing Agreement (MICPA). The City of Jacksonville is eligible to cooperate with LPAs as PPA based upon their registration with OMNIA (Legacy U.S. Communities) and agreement to the MICPA.

Garland/DBS is bound to provide the City of Jacksonville the same Master Agreement terms, conditions and pricing throughout its remaining term, which is currently set to expire on 10/14/2024. There is also an option on the master agreement for Racine County, WI to extend the term for one (1) additional five-year period upon mutual agreement and acceptance of the parties.

If you have any questions or concerns, please do not hesitate to call me at (216) 641-7500 Ext. 3693.

Respectfully,

Frank Percaciante
Procurement Contracts Manager

EXHIBIT 2

Bid Response (Pricing)

IFB #PW1925 Roofing Supplies and Services, Waterproofing, and Related Products and Services

Attachment C - Bid Form

Line Item			Unit	$ per Unit
1.00	**Roof Management, Design Assistant and/or Professional Services**			
1.01	Full-time Quality Assurance monitoring		DAY	600.00
1.02	Asbestos core testing and analysis (testing only, excludes labor for sampling and repair)		EA	75.00
1.03	Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type)		EA	NSP
1.04	Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements		EA	NSP
1.05	Aerial Wall Survey - Wall Pictures & Drawings Including Geometries, Calculated Area and Perimeter Measurements		EA	NSP
1.06	Manufacturer Standing Seam Material Quantity Estimating		EA	NSP
1.07	**Nuclear Moisture Survey, Non destructive roof scan**			
1.07.01	Non destructive roof scan, up to 20 000 SF		EA	2,000.00
1.07.02	Non destructive roof scan, over 20,000 SF		SF	0.09
1.08	**Infrared Moisture Scanning**			
1.08 01	Non destructive infrared roof scan, up to 20 000 SF		EA	1,500.00
1.08.02	Non destructive infrared roof scan, over 20,000 SF		SF	0.07
1.08.03	Aerial infrared roof scan at night		TRIP	1,750.00
1.09	Infrared scanning equipment rental		DAY	NSP
1.10	**Roof Investigation (visual roof survey)**			
1.10.01	Roof Investigation (Roof by Roof), per hour		HOUR	NSP
1.10.02	Visual Roof Survey (Roof by Roof) up to 20,000 SF		EA	NSP
1.10.03	Visual Roof Survey (Roof by Roof) over 20,000 SF		SF	NSP
1.10.04	Visual Roof Survey (Single Campus - All Roof Sections)		SF	0.06
1.10.05	Visual Roof Survey (Multiple Campuses City-/County-wide - All Roof Sections)		SF	0.10
1.10.06	Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections)		SF	0.10
1.10.07	Roof core cut (roof by roof)		EA	NSP
1.10.08	Roof core cut per roof section (all roof sections on campus(s))		EA	150.00
1.11	**Comprehensive reporting**			
1.11.01	Comprehensive report for visual survey (Roof by Roof)		EA	NSP
1.11.02	Comprehensive report for visual survey(All Roof Sections on Campus(es)		EA	100.00
1.11.03	Comprehensive report for each roof section(s) surveyed (Item 1.07) or scanned (Item 1.08)		EA	250.00
1.11.04	Comprehensive report enertered into on-line data base for dynamic reporting and tracking all roofing sections on Campus(s)		EA	NSP
1.12	Manufacturer's Technical Representative Contractor Training Session at Job Start-Up		DAILY	NSP
1.13	Wind Uplift Testing – Mobilize and provide wind uplift testing per Factory Mutual System Roof Design Manual FM 1-52		EA	NSP
1.14	**Roof drawings to scale with all rooftop equipment and penetrations**			
1.14 01	Roof drawings (Roof by Roof)		EA	NSP
1.14 02	Roof drawings (All Roof Sections on Campus(es)		EA	75.00
1.15	Project Building Code Review		EA	NSP
1.16	**Additional and Occasional Services**			
1.16 01	Project Architect for Design Professional Services		HOUR	125.00
1.16 02	Principle Architect for Design Professional Services		HOUR	175.00
1.16 03	Project Engineer for Engineering Reviews		HOUR	125.00
1.16 04	Principle Architect for Engineering Reviews		HOUR	175.00
1.16 06	Roof Consultant		HOUR	125.00
1.16 07	Full-Time Job Site Superintendent		DAY	600.00
1.16 08	CAD Draftsman		HOUR	75.00
1.17	**Laboratory Analysis**			
1.17.01	Laboratory Fungal Analysis: Cultured Fungi Identification & Enumeration (Not including engineering time for sampling)		EA	325.00
1.17.02	Laboratory Fungal Analysis: Total Fungi Spore Count (Not including engineering time for sampling)		EA	325.00
1.17.03	Laboratory Mold Analysis: Viable Airborne Mold Analysis (Not including engineering time for sampling)		EA	325.00

1.17.04	Laboratory Analysis: Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)		EA	325.00
1.17.05	Laboratory Analysis: Non-Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)		EA	325.00
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	NSP
1.18	**Travel Expenses**			
1.18.01	Per Diem – Meals and Incidentals		DAY	NSP
1.18.02	Lodging		DAY	NSP
1.18.03	Mileage on Company / Personal Vehicle		MILE	NSP
1.18.04	Airfare (Economy)		JOB	NSP
1.18.05	Vehicle Rental		DAY	NSP
1.19	Seamer Rental Charges		DAY	NSP
1.20	Set-up Charges for Metal In-Shop Fabrication		EA	NSP
1.21	Set-up On-Site Roll Forming		EA	NSP
1.22	Roof Fastener Pull Tests (As Many as Required per Roof Section)		EA	NSP
1.23	Wind Uplift Design Calculations		EA	NSP
1.24	Roof Drainage Capacity Calculations		EA	NSP
1.25	Roof Edge Metal Calculations - ANSI/SPRI ES-1 Standards		EA	NSP
1.26	Dew Point Calculations		EA	NSP
1.27	Energy Payback Calculations		EA	NSP
1.28	Project Life-Cycle Cost Calculation		EA	NSP
1.29	Substantial Completion Walkthrough with Report and Punchlist		EA	NSP
1.30	Final Walkthrough with Report		EA	NSP
1.31	On-Site Quality Control Inspections with Report from Manufacturer's Rep - 3 Days per Week		WEEK	NSP
1.32	"As-Built" Drawings Upon Project Completion		EA	NSP
1.33	R.A. or P.E. Reviewed and Stamped Shop Drawings		EA	NSP
1.34	R.A. or P.E. Reviewed and Stamped Specifications		EA	NSP
1.35	Non-R.A./P.E. Reviewed Shop Drawings		EA	NSP
1.36	Project Design Assistance - Hourly Rate for Consultations with Architect of Record		EA	NSP
1.37	Project Design Assistance - Development of a recommended specification for a roofing or waterproofing project		EA	NSP
1.38	Roof Asset Management Report with recommended options for future course of actions and associated budgets for capital expense and maintenance planning		EA	NSP
1.39	Five year capital expense and maintenance plan (All roof section on for campus(es))		EA	NSP
1.40	**Additional Professional Services**			
1.40.01	Option 1: Professional Services (Third party architectural design, engineering or consulting services quote on corporate letterhead) Cost plus added to quote		%	14%
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		%	14%
2.00	**Tear-off & Dispose of Debris**			
2.01	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	2.26
2.02	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	2.26
2.03	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	2.26
2.04	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	2.26
2.05	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	2.11
2.06	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	2.11
2.07	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	2.11

2.08	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	2.11
2.09	**SYSTEM TYPE** Single-Ply W/ Insulation - Metal Deck	SF	1.71
2.10	**SYSTEM TYPE** Single-Ply W/ Insulation - Wood / Tectum Deck	SF	1.71
2.11	**SYSTEM TYPE** Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF	1.71
2.12	**SYSTEM TYPE** Single-Ply W/ Insulation - Concrete Deck	SF	1.71
2.13	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Metal Deck	SF	2.45
2.14	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck	SF	2.45
2.15	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck	SF	2.45
2.16	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Concrete Deck	SF	2.45
2.17	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck	SF	2.53
2.18	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	SF	2.53
2.19	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	SF	2.53
2.20	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck	SF	2.53
2.21	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck	SF	2.38
2.22	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	SF	2.38
2.23	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	SF	2.38
2.24	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	SF	2.38
2.25	**SYSTEM TYPE** Metal Roofing System - Metal Deck	SF	2.28
2.26	**SYSTEM TYPE** Metal Roofing System - Wood / Tectum Deck	SF	2.28
2.27	**SYSTEM TYPE** Metal Roofing System - Lightweight / Gypsum Deck	SF	2.28
2.28	**SYSTEM TYPE** Metal Roofing System - Concrete Deck	SF	2.28
2.29	**SYSTEM TYPE** Dimensional/Architectural Shingle Roof - Wood Deck	SF	0.92
2.30	**SYSTEM TYPE** 3-Tab Shingle Roof - Wood Deck	SF	0.92
2.31	**SYSTEM TYPE** Clay Tile Shingle Roof - Wood Deck	SF	2.46
2.32	**SYSTEM TYPE** Concrete Tile Shingle Roof - Wood Deck	SF	2.46
2.33	**SYSTEM TYPE** Slate Tile Shingle Roof - Wood Deck	SF	2.80
2.34	**SYSTEM TYPE** Cedar / Wood Shake Shingle Roof - Wood Deck	SF	2.46
2.35	**SYSTEM TYPE** Add to save good Clay Tile Shingles for reuse	SF	0.71

Trial Period Confidential Treatment Requested

2.36	**SYSTEM TYPE** Add to save good Concrete Tile Shingles for reuse	SF	0.71
2.37	**SYSTEM TYPE** Add to save good Slate Tile Shingles for reuse	SF	0.71
2.38	**SYSTEM TYPE** Add to save good Cedar / Wood Shake Shingles for reuse	SF	1.48
2.39	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Metal Deck	SF	2.40
2.40	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Wood / Tectum Deck	SF	2.40
2.41	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	SF	2.40
2.42	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Concrete Deck	SF	2.40
2.43	**SYSTEM TYPE** Add of Each Additional Average Depth 1" of Polyurethane Foam (PUF) Roofing	SF	0.91
2.44	**SYSTEM TYPE** BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	2.28
2.45	**SYSTEM TYPE** BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	2.26
2.46	**SYSTEM TYPE** Single-Ply to the Existing Insulation (Insulation to be Re-Used	SF	1.83
2.47	**SYSTEM TYPE** Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used	SF	1.42
2.48	**SYSTEM TYPE** Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	2.64
2.49	**SYSTEM TYPE** Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	SF	2.64
2.99	**MULTIPLIER - TEAR-OFF & DISPOSE OF DEBRIS** Each Additional Roof System	%	38.00
3.00	**Removal & Replacement of Roof Deck**		
3.01	**DECK TYPE** Spot Metal Deck Replacement (Multiple areas under 1 square)	SF	13.23
3.02	**DECK TYPE** Spot Wood Deck Replacement (Multiple areas under 1 square)	SF	12.11
3.03	**DECK TYPE** Spot Gypsum Deck Replacement (Multiple areas under 1 square)	SF	38.61
3.04	**DECK TYPE** Spot Concrete Deck Replacement (Multiple areas under 1 square)	SF	29.60
3.05	**DECK TYPE** Spot Lightweight Deck Replacement (Multiple areas under 1 square)	SF	17.15
3.06	**DECK TYPE** Spot Tectum Deck Replacement (Multiple areas under 1 square)	SF	16.42
3.07	**DECK TYPE** Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	SF	8.21
3.08	**DECK TYPE** Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	SF	8.71
3.09	**DECK TYPE** Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	31.65
3.10	**DECK TYPE** Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	SF	24.25
3.11	**DECK TYPE** Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square)	SF	12.89

3.12	**DECK TYPE** Large Areas of Tectum Deck Replacement (Replacement areas averaging greater than 1 square)	SF	13.14
4.00	**Insulation Recovery Board & Insulations Options**		
4.01	**RECOVERY BOARD TYPE** 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	0.87
4.02	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	1.66
4.03	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	0.88
4.04	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	SF	0.95
4.05	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	SF	0.97
4.06	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	SF	1.00
4.07	**RECOVERY BOARD TYPE** 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	1.51
4.08	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	2.22
4.09	**RECOVERY BOARD TYPE** 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	1.54
4.10	**RECOVERY BOARD TYPE** 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	1.68
4.11	**RECOVERY BOARD TYPE** 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	1.71
4.12	**RECOVERY BOARD TYPE** 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	1.77
4.13	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	1.34
4.14	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	1.44
4.15	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	1.69
4.16	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** 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	1.95
4.17	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF	0.97
4.18	**INSULATION SUBSTITUTION OPTION** 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	-0.57

Trade Secret Confidential Treatment Requested

4.19	**INSULATION SUBSTITUTION OPTION** 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	-0.34
4.20	**INSULATION SUBSTITUTION OPTION:** 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	-0.16
4.21	**INSULATION SUBSTITUTION OPTION:** Add for Providing an R-Value of 25 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF	0.43
4.22	**INSULATION SUBSTITUTION OPTION:** Add for Providing an R-Value of 30 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	SF	0.88
4.23	**INSULATION SUBSTITUTION OPTION** 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	0.63
4.24	**INSULATION SUBSTITUTION OPTION** 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	0.63
4.25	**INSULATION SLOPE OPTION** 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	4.96
4.26	**INSULATION SLOPE OPTION** 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	3.54
4.27	**INSULATION SLOPE OPTION** Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive	SF	8.03
4.28	**INSULATION SLOPE OPTION** Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive	SF	5.64
4.29	**INSULATION SUBSTITUTION OPTION** Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	10.37
4.30	**INSULATION SUBSTITUTION OPTION** Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	9.61
4.31	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	SF	-0.03
4.32	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90	SF	0.18
5.00	**Coat New Roofing With Elastomeric Coating**		
5.01	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	SF	3.17
5.02	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	SF	2.46
5.03	**ROOF SYSTEM TYPE** 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	4.22
5.04	**ROOF SYSTEM TYPE** 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	3.14
5.05	**ROOF SYSTEM TYPE** 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	3.92

Non-Privileged Confidential Treatment Requested

5.06	**ROOF SYSTEM TYPE** 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	3.44
5.07	**ROOF SYSTEM TYPE** 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	7.33
5.08	**ROOF SYSTEM TYPE** 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	6.32
5.09	**ROOF SYSTEM TYPE** 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	6.32
5.10	**ROOF SYSTEM TYPE** Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified		SF	1.71
5.11	**ROOF SYSTEM TYPE** Apply a Fibered Aluminum Coating per Specifications (2 Gallons per Square per Coat - 1 Coat Required) - Smooth or Mineral Surfaced Modified		SF	2.08
6.00	**Roof Deck and Insulation Option**			
6.01	**METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.01.01	**INSULATION OPTION:**	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	2.75
6.02	**WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.02.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	SF	2.60
6.02.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	1.12
6.03	**TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.03.01	**INSULATION OPTION:**	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	SF	4.50
6.03.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	1.62
6.04	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.04.01	**INSULATION OPTION:**	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	SF	4.50
6.04.02	**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	1.62
6.05	**CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.05.01	**INSULATION OPTION:**	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	SF	3.01

Top Secret - Confidential - Do Not Reproduce

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	0.95
6.06	**METAL ROOF DECK - COLD PROCESS APPLICATION**			
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	3.07
6.07	**WOOD ROOF DECK - COLD PROCESS APPLICATION**			
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	3.07
6.07.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	1.12
6.08	**TECTUM ROOF DECK - COLD PROCESS APPLICATION**			
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	6.15
6.08.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	1.63
6.09	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION**			
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	6.15
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	1.63
6.10	**CONCRETE ROOF DECK - COLD PROCESS APPLICATION**			
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	4.55
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	1.39
6.11	**METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	3.62
6.12	**WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			

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	3.62
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	1.10
6.13	**TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	6.73
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	1.61
6.14	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	6.73
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	1.64
6.15	**CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
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	5.04
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	1.83
6.16	**INSTALL PRIOR TO ROOF SYSTEM INSULATION:**			
6.16.01	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	2.48

Trade Secret - Confidential - Not Required

6.16.02	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	SF	2.63
6.16.03	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt	SF	1.76
6.16.04	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	SF	3.92
6.16.05	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	SF	4.02
6.16.06	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified Asphalt	SF	3.13
6.16.07	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON METAL DECK:** 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	SF	4.42
6.16.08	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	SF	4.57

Trade Secret - Confidential - Not to be Reproduced

6.16.09	VAPOR BARRIER OPTION:	**TORCH-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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	3.66
6.16.10	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	3 39
6.16.11	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	3 64
6.16.12	VAPOR BARRIER OPTION:	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** 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	2.67
6.16.13	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** 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	4.08
6.16.14	VAPOR BARRIER OPTION:	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** 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	4.17

Trade Secret Confidential Not Released

6.16.15	VAPOR BARRIER OPTION:	COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK: 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	SF	3.27
7.00	**BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
7.01	**ROOF CONFIGURATION 2 Piles of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt**			
7.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	5.20
7.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	6.27
7.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	6.20
7.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	7.14
7.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	7.53
7.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
7.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
7.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
7.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
7.06	DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR 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)		SF	1.94
7.07	ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR Each Additional Glass Felt (Hot Applications) Inter-ply Installed		SF	0.69
8.00	**BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT**			
8.01	**ROOF CONFIGURATION 2 Piles of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt**			
8.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	8.57
8.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	9.77

8.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	9.70
8.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	10.63
8.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	11.01
8.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 8.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
8.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
8.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
8.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
8.06	**DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR** 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)		SF	-1.19
8.07	**ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR** Each Additional Glass Base (Cold Applications) Inter-ply Installed		SF	1.60
9.00	**BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE II OR IV ASPHALT - FLOOD COAT & AGGREGATE IN MODIFIED COAL TAR PITCH**			
9.01	**ROOF CONFIGURATION** **2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate**			
9.01.01	ROOFING MEMBRANE & COATING OPTION:	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	SF	7.58
9.01.02	ROOFING MEMBRANE & COATING OPTION	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	SF	8.65
9.01.03	ROOFING MEMBRANE & COATING OPTION	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	SF	8.60
9.01.04	ROOFING MEMBRANE & COATING OPTION	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	SF	9.53

Trade Secret - Confidential - Not to be reproduced

9.01.05	ROOFING MEMBRANE & COATING OPTION	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	SF	9.92
9.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 9.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
9.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
9.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
9.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
9.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	-0.53
10.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
10.01	**ROOF CONFIGURATION 2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt**			
10.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	4.30
10.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	5.63
10.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	5.12
10.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	6.48
10.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	7.11
10.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 10.00 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
10.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	NSP-3
10.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	NSP-1
10.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
11.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT**			
11.01	**ROOF CONFIGURATION 2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt**			

Not a Secret - confidential information released

11.01.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	6.66
11.01.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	7.99
11.01.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	7.47
11.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	8.83
11.01.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	9.47
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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
11.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	NSP-3
11.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	NSP-1
11.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.00	**2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY & A CAP SHEET (TOP PLY)** **PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER**			
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	2.39
12.01.02	BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	3.02
12.01 03	BASE PLY OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	3.15
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	-0.31
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	3.00
12.02 02	BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	SF	3.64
12.02 03	BASE PLY OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	SF	3.77

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	-0.36
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	1.56
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	2.59
12.03.02	BASE PLY OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 210 lbf/in tensile	SF	3.44
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	-0.20
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	2.72
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	-0.20
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	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	3.00
12.05.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	4.19
12.05.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	4.12
12.05.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 500 lbf/in tensile	SF	5.06
12.05.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 600 lbf/in tensile	SF	5.45
12.05.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.05.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP

12.05.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.05.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.06	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt**			
12.06.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	3.81
12.06.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	5.11
12.06.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	4.60
12.06.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	5.96
12.06.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	6.60
12.06.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.06.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-3
12.06.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.06.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.07	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch**			
12.07.01	ROOFING MEMBRANE & COATING OPTION:	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	SF	6.32
12.07.02	ROOFING MEMBRANE & COATING OPTION	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	SF	7.42
12.07.03	ROOFING MEMBRANE & COATING OPTION	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	SF	7.37

12.07.04	ROOFING MEMBRANE & COATING OPTION	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	SF	8 30
12.07.05	ROOFING MEMBRANE & COATING OPTION	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	SF	8 68
12.07.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	-0.64
12.07.07	WARRANTY CHARGE:	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	SF	NSP
12 07.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
12 07.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12 07.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.08	**ROOF CONFIGURATION 1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt**			
12 08.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	5.77
12 08 02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	6 89
12 08 03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	6 81
12 08.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	7.76
12 08 05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	8.15
12 08.06	MEMBRANE ADHESIVE & COATING OPTION:	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	4.49
12.08.07	WARRANTY CHARGE:	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	SF	NSP
12 08 08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP

12.08.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.08.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.09	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt**			
12.09.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	4.49
12.09.02	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	5.71
12.09.03	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	5.16
12.09.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	7.03
12.09.05	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF	7.78
12.09.06	MEMBRANE ADHESIVE OPTION:	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	SF	1.50
12.09.07	WARRANTY CHARGE:	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	SF	NSP
12.09.08	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-3
12.09.09	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.09.10	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.10	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold Applied Modified Coal Tar Pitch and Aggregate**			
12.10.01	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	6.60
12.10.02	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	7.71
12.10.03	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	7.65
12.10.04	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	8.59

12.10.05	ROOFING MEMBRANE & COATING OPTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	SF	8.98
12.10.06	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.10.07	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
12.10.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.10.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.11	**ROOF CONFIGURATION** **1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Application**			
12.11.01	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	SF	6.20
12.11.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.11 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.11.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-3
12.11.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.11.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.12	**ROOF CONFIGURATION** **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	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	SF	7.37
12.12.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.12.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	NSP
12.12.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	NSP-1
12.12.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.13	**ROOF CONFIGURATION** **1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing**			

12.13.01	ROOF CONFIGURATION OPTION:	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	SF	4.47
12.13.02	WARRANTY CHARGE:	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.13 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.13.03	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-3
12.13.04	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.13.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.14	**ROOF CONFIGURATION 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	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	4.85
12.14.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	7.86
12.14.03	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.14.04	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
12.14.05	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
12.14.06	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
12.15	**ROOF CONFIGURATION 1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams**			
12.15.01	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	SF	5.80
12.15.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	8.80
12.15.03	MEMBRANE ADHESIVE OPTION:	**Add/Deduct for Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	SF	-0.16
12.15.04	MEMBRANE ADHESIVE OPTION:	**PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	SF	1.23
12.15.05	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
12.15.06	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF	NSP
12.15.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	NSP-1

12.15.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
13.00	BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH			
13.01	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 & Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt			
13.01.01	ROOF CONFIGURATION OPTION:	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	11.89
13.01.02	ROOF CONFIGURATION OPTION:	3-Ply Continuous Filament Polyester Mat (5.0 oz./yd2) in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	11.23
13.02	INTERPLY ADHESIVE & FLOOD COAT OPTION:	PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch	SF	-3.32
13.03	FLOOD COAT OPTION:	PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS+ MODIFIED COAL TAR PITCH FOR FLOOD COAT Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch+B222	SF	-0.53
13.04	WARRANTY CHARGE:	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	SF	NSP
13.05	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
13.06	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
13.07	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
14.00	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2)			
14.01	INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE			
14.01.01	INSULATION OPTION:	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	SF	0.72
14.01.02	INSULATION OPTION:	Architectural Application - No Insulation - WOOD DECK: Class A Fire-Retardant Underlayment	SF	3.53
14.01.03	INSULATION OPTION:	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	SF	3.81
14.01.04	INSULATION OPTION:	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20; with 40 mil Self-Adhering Underlayment	SF	4.08

14.01.05	INSULATION OPTION:	Structural Application Over Open Framing, Over Retrofit Framing. Over an Existing Roof Using Steel Furring - No Insulation	SF	1.82
14.01.06	INSULATION OPTION:	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	SF	2.33
14.01.07	INSULATION OPTION:	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	SF	2.31
14.01.08	INSULATION OPTION:	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	SF	3.23
14.01.09	INSULATION OPTION:	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	SF	3.93
14.02	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"**			
14.02.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	SF	5.80
14.02.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" - 19" Wide Panels	SF	1.05
14.02.03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF	1.50
14.02.04	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Aluminum	SF	0.55
14.02.05	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Aluminum	SF	0.90
14.02.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	SF	5.20
14.02.07	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	6.30
14.02.08	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	SF	1.45
14.02.09	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	SF	0.55
14.02.10	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	SF	0.90
14.02.11	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.00
14.02.12	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.20
14.02.13	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.45
14.02.14	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga , 18" - 19" Wide Panels	SF	18.16
14.02.15	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	21.55

14.02.16	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Stainless Steel	SF	4.53
14.02.17	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Stainless Steel	SF	1.49
14.02.18	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Stainless Steel	SF	0.30
14.02.19	THICKNESS OPTION:	Copper Panel Price - 16 oz,18" - 19" Wide Panels	SF	19.65
14.02.20	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" - 19" Wide Panels	SF	23.81
14.02.21	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Copper	SF	4.77
14.02.22	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Copper	SF	1.67
14.02.23	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Copper	SF	0.36
14.02.24	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	SF	18.11
14.02.25	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	SF	21.53
14.02.26	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Zinc	SF	4.61
14.02.27	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Zinc	SF	1.49
14.02.28	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Zinc	SF	0.30
14.02.29	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck At or Above 3:12 Slope	SF	6.07
14.02.30	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over a Deck Below 3:12 Slope	SF	5.11
14.02.31	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3:12 Slope	SF	6.07
14.02.32	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing Below 3:12 Slope	SF	5.11
14.02.33	PANEL INSTALLATION OPTION:	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	SF	13.42
14.02.34	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Retrofit Framing System Below 3:12 Slope	SF	12.18
14.02.35	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	SF	7.41
14.02.36	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3.12 Slope	SF	5.92
14.02.37	PANEL FABRICATION OPTION:	On-Site Roll Forming - To achieve panel lengths in excess of shipping or transportation limitations	SF	NSP
14.02.38	PANEL FABRICATION OPTION:	Curving Panels - Curving panels to meet architectural requirements	SF	1.91
14.02.39	PANEL FABRICATION OPTION:	Tapering Panels - Tapering panels to meet architectural requirements	SF	1.91
14.02.40	WARRANTY CHARGE:	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	SF	NSP

14.02.41	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
14.02.42	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
14.02.43	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP
14.03	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels**			
14.03.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	SF	4.45
14.03.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" Wide Panels	SF	1.00
14.03.03	PANEL WIDTH OPTION:	Add for 12" Panel Width - Aluminum	SF	1.70
14.03.04	PANEL WIDTH OPTION:	Add for 16" Panel Width - Aluminum	SF	0.35
14.03.05	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	SF	4.15
14.03.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	SF	5.00
14.03.07	PANEL WIDTH OPTION:	Add for 12" Panel Width - Galvalume Coated Steel or Equal	SF	1.05
14.03.08	PANEL WIDTH OPTION:	Add for 16" Panel Width - Galvalume Coated Steel or Equal	SF	0.30
14.03.09	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	0.95
14.03.10	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.15
14.03.11	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.40
14.03.12	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga , 18" Wide Panels	SF	17.56
14.03.13	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	SF	20.96
14.03.14	PANEL WIDTH OPTION:	Add for 12" Panel Width - Stainless Steel	SF	4.53
14.03.15	PANEL WIDTH OPTION:	Add for 16" Panel Width - Stainless Steel	SF	1.49
14.03.16	THICKNESS OPTION:	Copper Panel Price - 16 oz.18" Wide Panels	SF	19.17
14.03.17	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" Wide Panels	SF	23.52
14.03.18	PANEL WIDTH OPTION:	Add for 12" Panel Width - Copper	SF	4.77
14.03.19	PANEL WIDTH OPTION:	Add for 16" Panel Width - Copper	SF	1.67
14.03.20	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" Wide Panels	SF	17.80
14.03.21	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" Wide Panels	SF	21.25
14.03.22	PANEL WIDTH OPTION:	Add for 12" Panel Width - Zinc	SF	4.53
14.03.23	PANEL WIDTH OPTION:	Add for 16" Panel Width - Zinc	SF	1.49
14.03.24	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF	5.97
14.03.25	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3:12 Slope	SF	5.01

14.03.26	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	SF	5.97
14.03.27	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Retrofit Framing System At or Above 3:12 Slope	SF	13.31
14.03.28	PANEL INSTALLATION OPTION:	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	SF	7.31
14.03.30	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
14.03.31	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
14.03.32	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
14.03.33	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP
14.04	**ROOF CONFIGURATION** **Architectural Standing Seam Roof System; Seam Height Below 1"**			
14.04.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 14.5" Wide Panels	SF	4.04
14.04.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum, 14.5" Wide Panels	SF	4.81
14.04.03	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14.5" Wide Panels	SF	3.93
14.04.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 14.5" Wide Panels	SF	4.41
14.04.05	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	0.82
14.04.06	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.05
14.04.07	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.14
14.04.08	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga, 14.5" Wide Panels	SF	17.87
14.04.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels	SF	21.10
14.04.10	THICKNESS OPTION:	Copper Panel Price - 16 Oz., 14.5" Wide Panels	SF	19.28
14.04.11	THICKNESS OPTION:	Copper Panel Price - 20 Oz., 14.5" Wide Panels	SF	23.59
14.04.12	THICKNESS OPTION:	Zinc Panel Price - 0.032", 14.5" Wide Panels	SF	18.35

Top Secret - Confidential

14.04.13	THICKNESS OPTION:	Zinc Panel Price - 0.040", 14.5" Wide Panels	SF	21.77
14.04.14	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF	6.30
14.04.15	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over Substrate Below 3:12 Slope	SF	5.26
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	NSP
14.05	**ROOF CONFIGURATION** **Flat Seam Metal Roof System - 8' Wide / 30 Gauge**			
14.05.01	INSULATION OPTION:	3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) - Includes Panel and Installation of Roof System	SF	12.50
14.05.02	INSULATION OPTION:	Mechanically Fastened Polyisocyanurate with an Average R-Value of 20 - Includes Panel and Installation of Roof System	SF	14.56
14.05.03	UNDERLAYMENT OPTION:	Add Install 40 mil self-adhesive membrane as an Underlayment	SF	1.78
14.05.04	PANEL WIDTH OPTION:	Add/Deduct for 6' Wide Option	SF	0.67
14.05.05	PANEL WIDTH OPTION:	Add/Deduct for 10' Wide Option	SF	0.00
14.05.06	PANEL WIDTH OPTION:	Add/Deduct for 12' Wide Option	SF	-0.81
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	NSP
15.00	**RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS**			
15.01	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE** Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal		SF	1.95
15.02	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS** Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal		LF	2.78
15.03	**PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF** Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal		SF	3.61
15.04	**RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM** 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	4.16
15.05	**RESATURATION OF ASPHALT OR COAL TAR PITCH BURs WITH COAL-TAR PITCH COATING SYSTEM** 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	6.65
15.06	**RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING** 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	3.78
15.07	**RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE** 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	5.55

15.08	**RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE** 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	5.65
15.09	**COAT ROOF WITH HIGH PERFORMANCE FLUORPOLYMER PAINT SYSTEM FOR METAL ROOFS** 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	4.13
15.10	**RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE & STRIPPED SEAMS** 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	5.00
15.11	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** 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.	SF	6.51
15.12	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** 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.	SF	9.75
15.13	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** 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.	SF	7.35
15.14	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** 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.	SF	10.59
15.15	**RESTORATION OF A SINGLE-PLY WITH TWO-COMPONENT, LOW-ODER URETHANE & STRIPPED SEAMS** 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	SF	5.20

Transaction Not Approved

15.16	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODER URETHANE & REINFORCED SEAMS** 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.	SF	6.90
15.17	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** 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.	SF	10.16
15.18	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE & REINFORCED SEAMS** 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.	SF	7.74
15.19	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** 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.	SF	11.00
15.20	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	2.87
15.21	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	3.31
15.22	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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.	SF	3.01
15.23	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** 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	3.50
15.24	**COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING** 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	1.69
15.25	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-REINFORCED GLASS FIBERED ASPHALT EMULSION** 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	2.67

15.26	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH GLASS FIBERED ASPHALT EMULSION** 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	1.86
15.27	**RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** 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	3.09
15.28	**RESTORATION OF GRAVEL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** 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	4.64
15.29	**ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS** 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	6.69
15.30	**REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE** 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	8.24
15.31	**REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** 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	8.71
15.32	**STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE** Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square	LF	2.60
15.33	**STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** Strip in Seams by Applying a Two-Component, Low Odor Urethane 2 Gallons per Square	LF	3.03
16.00	**INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS**		
16.01	**INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -** New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	5.35
16.02	**REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	5.93
16.03	**INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	5.88
16.04	**INSTALL NEW CEDAR SHAKE ROOF SYSTEM -** New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	13.61
16.05	**INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -** New Barrel Clay/Cement Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	19.60
16.06	**INSTALL SLATE TILE ROOF SYSTEM -** New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	20.31
16.07	**ADD/DEDIUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -** Install Self-Adhering Underlayment on Entire Roof Deck	SF	1.78
17.00	**FULLY ADHERED SINGLE-PLY ROOF SYSTEMS**		
17.01	**METAL DECK - SINGLE-PLY APPLICATION**		
17.01.01	**INSULATION OPTION:** 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	3.45
17.02	**WOOD/TECTUM DECK - SINGLE-PLY APPLICATION**		

17.02.01	INSULATION OPTION:	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	SF	3.45
17.02.02	INSULATION OPTION:	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	SF	6.41
17.02.03	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	1.10
17.03	**LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION**			
17.03.01	INSULATION OPTION:	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	SF	6.41
17.03.02	INSULATION OPTION:	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	1.57
17.04	**CONCRETE DECK - SINGLE-PLY APPLICATION**			
17.04.01	INSULATION OPTION:	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	SF	4.80
17.04.02	INSULATION OPTION:	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	SF	1.75
17.05	**ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation**			
17.05.01	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	1.68
17.05.02	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF	4.01
17.05.03	SINGLE-PLY ROOF TYPE:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	4.45
17.05.04	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF	1.51
17.05.05	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	3.68
17.05.06	SINGLE-PLY ROOF TYPE:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF	5.30
17.05.07	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF	2.18
17.05.08	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF	4.57
17.05.09	SINGLE-PLY ROOF TYPE:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF	5.53

17.05.10	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF	2.89
17.05.11	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	6.99
17.05.12	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF	7.98
17.05.13	INSTALLATION OPTION:	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	SF	-0.47
17.05.15	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 17.05 Must includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
17.05.16	WARRANTY UPCHARGE:	Add to provide coverage for a 15 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
17.05.17	WARRANTY UPCHARGE:	Add to provide coverage for a 20 Year Labor & Material Warranty with No Dollar Limitations	SF	0.12
17.05.18	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2
18.00	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS**			
18.01	**POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)**			
18.01.01	FLUID APPLIED MEMBRANE SYSTEM:	Two Coat System	SF	7.91
18.01.02	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat System	SF	9.82
18.01.03	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF	11.11
18.01.04	FLUID APPLIED MEMBRANE SYSTEM:	Four Coat Reinforced System	SF	13.95
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	NSP
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	NSP
18.02	**POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE**			
18.02.01	FLUID APPLIED MEMBRANE SYSTEM:	Two Coat System	SF	7.24
18.02.02	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat System	SF	9.05
18.02.03	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF	10.34
18.02.04	FLUID APPLIED MEMBRANE SYSTEM:	Four Coat Reinforced System	SF	12.92
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	NSP
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	NSP
18.03	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS & PREPARATION**			

Trade Secret - Confidential - Not to be copied

18.03.01	**CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	114.29
18.03.02	**CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	554.77
18.03.03	**CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	72.47
18.03.04	**CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation, includes reinforcement	SF	113.87
18.03.05	**CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation, includes reinforcement	SF	499.29
18.03.06	**CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	34.17
18.03.07	**CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	38.30
18.03.08	**CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	66.25
18.03.09	**GRINDING** Grind an existing coating	SF	1.39
18.03.10	**HANDHELD GRINDING** Grind an existing coating in areas that only can be done by hand	SF	6.67
18.03.11	**MILLING** Mill an existing coating 1/8 inch to 1/4 inch	SF	2.78
18.03.12	**PRESSURE WASHING - HORIZONTAL** Pressure washing horizontal surfaces with 2000 PSI or greater	SF	0.56
18.03.13	**PRESSURE WASHING - VERTICAL** Pressure washing horizontal surfaces with 2000 PSI or greater	SF	1.00
18.03.14	**SAND BLASTING** Sand blast an existing coating	SF	3.89
18.03.15	**SHOT BLASTING** Shot blast an existing coating	SF	1.39
18.04	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS & SURFACE PREPARATION**		
18.04.01	**STRUCTURAL EXPANSION JOINT** Installation or replacement of an expansion joint that is necessary for structural integrity	LF	388.34
18.04.02	**CAULKING JOINTS** Installation of caulking in joints. See caulking chart	LF	0.00
18.04.03	**ROUTING AND REMOVAL OF EXISTING CAULK** Rout and remove of existing caulk out of expansion joints	LF	5.55
18.04.04	**EPOXY INJECTION FOR CRACK REPAIR** Route cracks, drill holes every 18" inches, and inject and seal with epoxy	LF	27.74
18.04.05	**TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS**	LF	1.11
18.04.06	**WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT**	SF	6.59
18.05	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING**		
18.05.01	**INSTALL REINFORCEMENT IN COATING SYSTEM** Installation of reinforcement adjustment of coverage rates to accommodate reinforcement	LF	1.55
18.05.02	**BROADCAST GRANULES TO PROVIDE SKID RESISTANCE** Broadcast aggregate or granules to provide skid resistance in top coat	LF	0.80
19.00	**WALL COATINGS FOR COATING WALL SYSTEMS**		
19.01	**ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	5.43
19.02	**ELASTOMERIC COATING FOR EFIS WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	5.69
19.03	**ELASTOMERIC COATING FOR CMU WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	6.20
19.04	**ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	SF	5.17
20.00	**NEW FLASHINGS FOR ROOFING SYSTEMS & RESTORATION OPTIONS**		
20.01	**ROOF FLASHINGS FOR MODIFIED & COAL TAR PITCH ROOF SYSTEMS:** 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	12.38
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	13.33
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	13.80
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	14.57
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	14.93
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	13.01
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	13.97
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	14.44
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	15.20

Trade Secret - Confidential - Proprietary - Confidential

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	15.57
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	13.01
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	13.97
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	14.44
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	15.20
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	15.57
20.01.11	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application		SF	6.19
20.01.12	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flashing Adhesive Application		SF	8.76
20.02	**Torch Applied Flashings -** 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	17.01
20.03	**Self-Adhering Flashings -** Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Self-Adhering			

Trade Secret - Confidential - Not Released

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	14.52
20.04	**Single-Ply Flashings - Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems**			
20.04.01	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	6.83
20.04.02	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	SF	8.97
20.04.03	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	10.39
20.04.04	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	SF	5.22
20.04.05	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	7.32
20.04.06	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF	9.87
20.04.07	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF	5.76
20.04.08	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF	8.15
20.04.09	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF	9.98
20.04.10	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF	7.70
20.04.11	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF	11.87
20.04.12	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF	13.22
21.00	**METAL WALL PANEL SYSTEMS**			
21.01	**WALL SYSTEM** Exposed Fastener Wall Panel System			
21.01.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	SF	4.64
21.01.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	SF	1.02
21.01.03	PANEL WIDTH OPTION:	Add for 32" Panel Width - Aluminum	SF	0.93
21.01.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 36" Wide Panels	SF	4.47
21.01.05	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	SF	4.97
21.01.06	PANEL WIDTH OPTION:	Add for 32" Panel Width - Galvalume Coated Steel or Equal	SF	0.92
21.01.07	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	0.79
21.01.08	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.00

Close Secret - Confidential - Not for Release

21.01.09	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.09
21.01.10	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga, 36" Wide Panels	SF	19.15
21.01.11	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 36" Wide Panels	SF	22.21
21.01.12	PANEL WIDTH OPTION:	Add for 32" Panel Width - Stainless Steel	SF	0.68
21.01.13	THICKNESS OPTION:	Copper Panel Price - 16 Oz , 36" Wide Panels	SF	20.49
21.01.14	THICKNESS OPTION:	Copper Panel Price - 20 Oz , 36" Wide Panels	SF	25.10
21.01.15	PANEL WIDTH OPTION:	Add for 32" Panel Width - Copper	SF	0.68
21.01.16	THICKNESS OPTION:	Zinc Panel Price - 0.032", 36" Wide Panels	SF	16.49
21.01.17	THICKNESS OPTION:	Zinc Panel Price - 0.040", 36" Wide Panels	SF	20.77
21.01.18	PANEL WIDTH OPTION:	Add for 32" Panel Width - Zinc	SF	0.55
21.01.19	PANEL INSTALLATION & INSULATION OPTION:	Over Girts, 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	SF	6.39
21.01.20	PANEL INSTALLATION & INSULATION OPTION:	Over Girts, Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	8.12
21.01.21	PANEL INSTALLATION & INSULATION OPTION:	Over Girts, Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	5.84
21.01.22	PANEL INSTALLATION & INSULATION OPTION:	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	8.42
21.01.23	PANEL INSTALLATION & INSULATION OPTION:	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	7.08
21.01.24	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood, No Insulation	SF	6.15
21.02	WALL SYSTEM Concealed Fastener Wall Panel System - 12" Wide Panels			
21.02.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	SF	5.50
21.02.02	THICKNESS OPTION:	Add for Bare Aluminum, 0.040" Aluminum	SF	1.15
21.02.03	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	SF	5.35
21.02.04	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	SF	6.08
21.02.05	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	0.79
21.02.06	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.00

21.02.07	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.09
21.02.08	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga Thickness	SF	19.15
21.02.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga Thickness	SF	22.21
21.02.10	THICKNESS OPTION:	Copper Panel Price - 16 Oz Thickness	SF	20.49
21.02.11	THICKNESS OPTION:	Copper Panel Price - 20 Oz Thickness	SF	25.10
21.02.12	THICKNESS OPTION:	Zinc Panel Price - 0.032" Thickness	SF	16.49
21.02.13	THICKNESS OPTION:	Zinc Panel Price - 0.040" Thickness	SF	20.77
21.02.14	PANEL INSTALLATION & INSULATION OPTION:	Over Girts, 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	SF	6.39
21.02.15	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	SF	8.12
21.02.16	PANEL INSTALLATION & INSULATION OPTION:	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	SF	5.84
21.02.17	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood; No Insulation	SF	6.15
21.02.18	PANEL INSTALLATION & INSULATION OPTION:	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	8.42
21.02.19	PANEL INSTALLATION & INSULATION OPTION:	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	7.08
21.02.20	PANEL TYPE OPTION:	Add for Factory Insulated Concealed Fastener Wall Panel	SF	3.17
21.03	**AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)**			
21.03.01	Non-Permeable Option:	Fluid Applied System - ASTM 2178	SF	2.62
21.03.02	Non-Permeable Option:	Fluid Applied Water Based System - ASTM 2178	SF	2.48
21.03.03	Non-Permeable Option:	Membrane System - ASTM E 2178	SF	2.42
21.03.04	Permeable Option:	Fluid Applied System - ASTM E 2178 & ASTM E 96	SF	2.47
21.03.05	Permeable Option:	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	SF	2.32
21.03.06	Permeable Option:	Membrane System - ASTM 2178 & ASTM E 96	SF	2.36
21.04	**INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)**			
21.04.01	Insulation Option:	1" Rock Wool Insulation Installed	SF	1.52
21.04.02	Insulation Option:	2" Rock Wool Insulation Installed	SF	2.00
21.04.03	Insulation Option:	3" Rock Wool Insulation Installed	SF	2.40

21.04.04	Insulation Option:	4" Rock Wool Insulation Installed	SF	3.03
21.04.05	Insulation Option:	1" Extruded Polystyrene Insulation Installed	SF	2.61
21.04.06	Insulation Option:	2" Extruded Polystyrene Insulation Installed	SF	3.51
21.04.07	Insulation Option:	3" Extruded Polystyrene Insulation Installed	SF	4.51
21.04.08	Insulation Option:	4" Extruded Polystyrene Insulation Installed	SF	5.56
22.00	**JOB SITE SPECIFIC MULTIPLIERS** **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.** **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.**		
22.01	**MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS** 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.	%	24.000
22.02	**MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR WALLS** 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.	%	18.000
22.03	**MULTIPLIER - MULTIPLE MATERIAL STAGINGS** 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.	%	20.000
22.04	**MULTIPLIER - ACCELERATED SCHEDULE** 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.	%	28.000
22.05	**MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS** Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.	%	32.000
22.06	**MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS** 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.	%	30.000
22.07	**MULTIPLIER - CLEARENCE RESTRICTIONS REQUIRE WORKING FROM KNEE-LEVEL OR BELOW (APPLIES TO ONLY THE EFFECTED ROOF AREA)** 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.	%	35.000
22.08	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES** 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.	%	18.000
22.09	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN OR EQUAL TO 100 FT** 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.	%	28.000

22.10	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 100 FT** 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.	%	38.000
22.11	**MULTIPLIER - WALL COATING, MASONRY REPAIRS OR WATERPROOFING REQUIRES A SWING STAGE** 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.	%	50.000
22.12	**MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE** 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	%	15.000
22.13	**MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE** Multiplier is applied when Roof Area has a Greater than 4/12 Slope, Steeper slope reduces overall labor production and requires additional safety precautions.	%	22.000
22.14	**MULTIPLIER - ROOF HAS GREATER THAN 8/12 SLOPE** 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.	%	40.000
22.15	**MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF** 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	%	150.000
22.16	**MULTIPLIER - ROOF SIZE IS GREATER THAN 500 SF, BUT LESS THAN 1,000 SF** 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	%	90.000
22.17	**MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF** 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	%	60.000
22.18	**MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF** 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	%	30.000
22.19	**MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF** 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	%	17.000
22.20	**MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF** 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	%	15.000
22.21	**MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF** 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	%	8.000
22.22	**MULTIPLIER - ROOF SIZE IS GREATER THAN 30,000 SF, BUT LESS THAN 50,000 SF** 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	%	-3.000
22.23	**MULTIPLIER - ROOF SIZE IS GREATER THAN 50,000 SF, BUT LESS THAN 100,000 SF** 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	%	-5.000
22.24	**MULTIPLIER - ROOF SIZE IS GREATER THAN 100,000 SF, BUT LESS THAN 200,000 SF** 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	%	-6.000
22.25	**MULTIPLIER - ROOF SIZE IS GREATER THAN 200,000 SF** 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	%	-8.000

	Cleaning & Caulking		
23.01	Pressure Wash to Clean Horizontal Surfaces	SF	$ 0.67
23.02	Pressure Wash to Clean Vertical Surfaces	SF	$ 1.54
23.03	Pressure Wash with TSP or Simple Green to Clean Horizontal Surfaces	SF	$ 0.96
23.04	Pressure Wash with TSP or Simple Green to Clean Vertical Surfaces	SF	$ 1.84
23.05	Use a Brush to Wash Surface with TSP or Simple Green to Clean Horizontal Surfaces	SF	$ 0.81
23.06	Use a Brush to Wash Surface with TSP or Simple Green to Clean Vertical Surfaces	SF	$ 1.69
23.07	Prime Existing Asphalt-Based Roof Surface	SF	$ 0.47
23.08	Blow-Off Surface Area with Portable Blower to Remove Moisture	SF	$ 0.33
23.09	Spud and Scrape Aggregate from Roof Surface Asphalt BUR (Size Reference: 100' X 12")	SF	$ 1.35
23.10	Spud and Scrape of Aggregate from Roof Surface Coal Tar BUR (Size Reference: 100' X 12")	SF	$ 1.85
23.11	Remove & Dispose Loose Aggregate from Roof Surface (Wet Vac)	SF	$ 1.06
23.12	Power Broom Roof Surface	SF	$ 0.59
23.13	Remove & Dispose Ballast from Roof Surface	SF	$ 0.96
23.14	Remove & Dispose Ballast from Roof Surface at Approved Disposal Site	SF	$ 1.79
23.15	Remove Ballast from Roof Surface & Save for Reuse	SF	$ 0.62
23.16	Scrape / Sand Loose Paint from Exterior Building Surfaces and Clean-Up Debris	SF	$ 4.09
23.17	Sandblasting Paint from Exterior Building Surfaces and Re-Claim Sand	SF	$ 5.01
23.18	Apply Coating (Paint) to Horizontal Surface	SF	$ 3.29
23.19	Apply Coating (Paint) to Vertical Surface	SF	$ 4.67
23.20	Caulking: Remove Existing Caulking & Clean and Prime Joint	LF	$ 1.84
23.21	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter	LF	$ 1.15
23.22	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF	$ 1.42
23.23	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/4" Diameter	LF	$ 1.70
23.24	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1" Diameter	LF	$ 1.94
	Masonry section	**UNIT**	**$ per Unit**
23.25	Remove and Reset Bricks; 1-50 SF	SF	$ 29.45
23.26	Remove and Reset Bricks; Over 50 SF	SF	$ 22.93
23.27	Remove and Reset Blocks	SF	$ 16.21
23.28	Remove and Reset Coping Stones	Each	$ 34.62
23.29	Remove Bricks, Blocks, Coping Stones, 1-50 SF	SF	$ 23.65
23.30	Remove Bricks, Blocks, Coping Stones, Over 50 SF	SF	$ 18.86
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	**UNIT**	**$ per Unit**
23.31	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise)	Each	$ 14.98
23.32	Selective Demolition of Brick Masonry Units with perimeter saw cutting	SF	$ 25.18
	Selective Demolition of Mortar Joint with Perimeter Saw cutting	**UNIT**	**$ per Unit**
23.33	Removal of existing mortar (½" wide by ¾" depth)	SF	$ 10.68
23.34	Removal of existing mortar (¾" wide by ¾" depth)	SF	$ 14.24
23.35	Removal of existing mortar (½" wide by 1½" depth)	SF	$ 16.90
23.36	Removal of existing mortar (¾" wide by 1½" depth)	SF	$ 22.24
	New Pointing Work	**UNIT**	**$ per Unit**
23.37	Furnish and install new mortar (½" wide by ¾" depth)	SF	$ 21.35
23.38	Furnish and install new mortar (¾" wide by ¾" depth)	SF	$ 24.02
23.39	Furnish and install new mortar (½" wide by 1 ½" depth)	SF	$ 24.91
23.40	Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	$ 28.47
	Removal of Roof Parapets	**UNIT**	**$ per Unit**
23.41	Removal of parapet wall (24" high)	SF	$ 222.45
23.42	Removal of parapet wall (42" high)	SF	$ 400.39
23.43	Removal of parapet wall (24" high)	SF	$ 186.86
23.44	Removal of parapet wall (42" high)	SF	$ 373.70
	Reconstruction of Brick Masonry Roof Parapets	**UNIT**	**$ per Unit**
23.45	New brick masonry parapet w/stone coping and flashings (24" high)	SF	$ 622.82
23.46	New brick masonry parapet w/stone coping and flashings (42" high)	SF	$ 845.26
23.47	New brick masonry parapet w/stone coping and flashings (24" high)	SF	$ 444.87
23.48	New brick masonry parapet w/stone coping and flashings (42" high)	SF	$ 578.34
	New Through wall Flashings	**UNIT**	**$ per Unit**
23.49	Removal of 4 courses brick wall w/Temporary Shoring	SF	$ 88.98
23.50	Removal and replacement of steel lintel	SF	$ 133.47
23.51	Furnish and install new flashings (Bituthane)	SF	$ 35.59
23.52	Furnish and install new flashings (Lead coated copper)	SF	$ 71.17

23.53	Furnish and Install New Brick Masonry w/Weep Holes and Screens	SF	$ 133.47
23.54	Parging and waterproofing of back-up wall	SF	$ 49.82
	Roof Coping Stones.	**UNIT**	**$ per Unit**
23.55	Removal of existing roof coping stones (16 inches)	SF	$ 247.28
23.56	Removal and parging of existing substrate	SF	$ 77.72
23.57	Furnish and install new lead coated copper flashings	SF	$ 77.72
23.58	Drilling and epoxy grouting stainless steel pins	SF	$ 176.63
23.59	Reinstallation of existing stones with cleaning	SF	$ 127.17
23.60	Furnish and install new coping stones	SF	$ 459.23
23.61	Furnish and install new sealants between coping stones.	SF	$ 39.14
23.62	Cleaning and coating of existing stones.	SF	$ 45.22
	CMU Backup Wall Repair and Waterproofing.	**UNIT**	**$ per Unit**
23.63	Replacement of Deteriorated CMU Back-up	SF	$ 150.17
23.64	Parging of CMU back-up wall	SF	$ 46.13
23.65	Waterproofing of back-up wall	SF	$ 39.78
	Crack Repair	**UNIT**	**$ per Unit**
23.66	Drill and install new stainless steel pins	Each	$ 56.52
23.67	Grouting of open cracks	SF	$ 40.06
23.68	Replacement of cracked bricks	SF	$ 78.07
	New Concrete and Coating	**UNIT**	**$ per Unit**
23.69	Placement of new high strength patching mortar (2" depth)	SF	$ 204.74
23.70	Placement of new high strength patching mortar (3.5" depth).	SF	$ 242.47
23.71	Cleaning and coating of concrete surface.	SF	$ 18.72
23.72	Sidewalk Bridging.	SF	$ 6.71
23.73	Temporary Roof Protection	SF	$ 5.30
	Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets	**UNIT**	**$ per Unit**
23.74	Install & Connect new 4" roof drain & Flashing, Excluding Plumbing	EA	$ 847.80
23.75	Install & Connect new 6" roof drain & Flashing, Excluding Plumbing	EA	$ 918.45
23.76	Install & Connect new 8" roof drain & Flashing, Excluding Plumbing	EA	$ 989.10
23.77	Pitch pocket, 24 gauge, GI, 12" x 12", with storm collar, hemmed to outside, soldered corners and seams	EA	$ 791.28
23.78	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	EA	$ 536.94
23.79	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	EA	$ 621.72
23.80	Plumbing stack, 16 oz. copper flashing	EA	$ 183.69
23.81	Plumbing stack, 24 gad Zinc flashing	EA	$ 254.34
23.82	Plumbing stack, 4# lead flashing	EA	$ 155.43
23.83	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight	EA	$ 42.39
23.84	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners	EA	$ 39.56
23.85	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit	EA	$ 127.17
23.86	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit	EA	$ 166.73
23.87	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds	EA	$ 49.46
23.88	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit	EA	$ 189.34
23.89	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight	EA	$ 36.74
23.90	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit	EA	$ 224.67
23.91	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler	EA	$ 274.12
23.92	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	$ 57.93
23.93	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit	EA	$ 374.45
23.94	Installation of Roof Curbs 2" X 4"	LF	$ 6.09
23.95	Installation of Roof Curbs 2" X 6"	LF	$ 6.54
23.96	Installation of Roof Curbs 2" X 8"	LF	$ 6.98
23.97	Installation of Coping/Edge Nailers 2" X 4"	LF	$ 3.82
23.98	Installation of Coping/Edge Nailers 2" X 6"	LF	$ 4.26
23.99	Installation of Coping/Edge Nailers 2" X 8"	LF	$ 4.69
23.100	Installation of Coping/Edge Nailers 2" X 10"	LF	$ 5.58
23.101	Installation of Coping/Edge Nailers 2" X 12"	LF	$ 6.90
23.102	Installation of Coping/Edge Nailers 2" X 14"	LF	$ 9.40
23.103	Installation of Coping/Edge Nailers 2" X 16"	LF	$ 10.29
23.104	Provide a cast iron drain strainer	EA	$ 204.89
23.105	Reflash existing roof drain	EA	$ 791.28
23.106	Scupper, .050 Aluminum, match existing configuration	LF	$ 15.64

23.107	Scupper, 16 oz Copper, match existing configuration	LF	$ 29.63
23.108	Scupper, 20 gad Stainless Steel, match existing configuration	LF	$ 24.69
23.109	Sleeper Cap - 24 Gad Galvanized	LF	$ 9.55
	Roof Accessories	**UNIT**	**$ per Unit**
23.110	Walkway Pads		
23.111	30" wide roll goods, tape attached	EA	$ 1,342.35
23.112	30" wide roll, hot asphalt attached	EA	$ 1,059.75
23.113	30" wide roll, adhesive attached	EA	$ 1,271.70
23.114	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	$ 27.55
23.115	Roof ladder, security ladder guard	EA	$ 2,472.75
23.116	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage, with intermediate landings as required by Code	EA	$ 5,652.00
23.117	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	EA	$ 2,967.30
23.118	Roof ventilators	EA	$ 423.90
23.119	Termination bar, aluminum, 1/4" x 1"	LF	$ 3.89
	Common Roof Repair Items	**UNIT**	**$ per Unit**
23.120	3-Course Application; Mastic-Mesh-Mastic; 15" Wide Total, 12" Wide Mesh	LF	$ 9.31
23.121	3-Course Application; Mastic-Mesh-Mastic; 9" Wide Total, 6" Wide Mesh	LF	$ 5.44
23.122	3-Course Application; Urethane-Reinforcement-Urethane (< 500 SF)	SF	$ 14.02
23.123	3-Course Application; Urethane-Reinforcement-Urethane (> 500 SF)	SF	$ 12.21
23.124	Install Self-Adhering Cap Sheet Over Repair Area (< 500 SF)	SF	$ 7.57
23.125	Install Self-Adhering Cap Sheet Over Repair Area (> 500 SF)	SF	$ 6.63
23.126	Torch Cap Sheet Over Repair Area (< 500 SF)	SF	$ 9.91
23.127	Torch Cap Sheet Over Repair Area (> 500 SF)	SF	$ 9.21
23.128	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (< 500 SF)	SF	$ 10.54
23.129	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (> 500 SF)	SF	$ 9.76
	Leak Response & Preventive Maintenance	**UNIT**	**$ per Unit**
23.153	Leak Response Work Order Tracking & Dispatch	EA	NSP
23.154	Leak Response Completion Report with Back-Up	EA	NSP
23.155	Preventive Maintenance (Single Campus - All Roof Sections)	SF	$ 0.050
23.156	Preventive Maintenance (Multiple Campuses City-/County-wide - All Roof Sections)	SF	$ 0.068
23.157	Preventive Maintenance (Multiple Campuses State-wide - All Roof Sections)	SF	$ 0.063
23.155	Preventive Maintenance Performed Concurrent with Visual Inspection (Single Campus - All Roof Sections)	SF	$ 0.030
23.156	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses City-/County-wide - All Roof Sections)	SF	$ 0.048
23.157	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses State-wide - All Roof Sections)	SF	$ 0.043
23.158	Preventive Maitenance Completion Report with Back-Up	EA	NSP
	Equipment	**UNIT**	**$ per Unit**
23.159	Folklift/Manlift Equipment Rental	DAY	NSP
23.160	Crane Equipment Rental - up to 80'	DAY	NSP
23.161	Crane Equipment Rental - up to 150'	DAY	NSP
23.162	Manlift per day	DAY	NSP
23.163	Skytrack	DAY	NSP
23.164	Additional Equipment (rental) % off published price	%	10%
	Other Services	**UNIT**	**$ per Unit**
23.165	Demobilization - Pre-Planned or Additional Un-planned	EA	$ 1,500.00
23.166	Remobilization - Pre-Planned or Additional Un-planned	EA	$ 1,500.00
	Additional repair options	**UNIT**	**$ per Unit**
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 $25,000) Cost plus added to quote	%	14%
23.168	Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available) Cost plus added to catalog pricing	%	14%
	Catalog Pricing	**UNIT**	**$ per Unit**
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.		-1%
	Green Roofing	**UNIT**	**$ per Unit**

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		§C.4. & §E.A.3.1.F.

Trade Secret - Confidential Treatment Requested

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"	$7.67	$8.38	$8.65	$9.35
8"	$8.83	$9.76	$10.12	$11.05
10"	$9.98	$11.13	$11.59	$12.76
12"	$11.12	$12.52	$13.06	$14.45
14"	$12.26	$13.89	$14.53	$16.16
16"	$13.41	$15.27	$16.00	$17.86
18"	$14.37	$16.43	$17.22	$19.29
20"	$15.50	$17.79	$18.68	$20.97
22"	$16.62	$19.13	$20.12	$22.64
24"	$17.37	$20.04	$21.08	$23.75
26"	$18.47	$21.35	$22.48	$25.38
28"	$19.56	$22.68	$23.88	$27.00
30"	$20.66	$23.99	$25.29	$28.63
32"	$21.75	$25.31	$26.69	$30.25
34"	$22.83	$26.62	$28.09	$31.88
36"	$23.55	$27.48	$29.02	$32.95
38"	$24.63	$28.78	$30.39	$34.55
40"	$25.70	$30.07	$31.76	$36.13
42"	$26.78	$31.37	$33.15	$37.73
44"	$27.85	$32.65	$34.52	$39.32
46"	$28.81	$33.80	$35.75	$40.74
48"	$29.74	$34.94	$36.95	$42.15
Price Per Bend	$0.40	$0.40	$0.60	$0.60

Stainless Steel & Copper				
Size / Gauge / Thickness	SS 24 Ga	SS 26 Ga	Copper 16 oz	Copper 20 oz
6"	$9.00	$8.52	$10.07	$11.04
8"	$10.58	$9.93	$12.01	$13.31
10"	$12.17	$11.36	$13.96	$15.57
12"	$13.76	$12.79	$15.90	$17.85
14"	$15.35	$14.21	$17.85	$20.11
16"	$16.93	$15.64	$19.78	$22.37
18"	$18.26	$16.83	$21.41	$24.28
20"	$19.82	$18.23	$23.31	$26.49
22"	$21.38	$19.63	$25.22	$28.73
24"	$22.41	$20.56	$26.49	$30.21
26"	$23.92	$21.92	$28.34	$32.37
28"	$25.45	$23.29	$30.21	$34.53
30"	$26.96	$24.64	$32.06	$36.70
32"	$28.47	$26.00	$33.91	$38.86
34"	$29.98	$27.36	$35.76	$41.02
36"	$30.99	$28.26	$36.99	$42.45
38"	$32.47	$29.59	$38.80	$44.57
40"	$33.95	$30.92	$40.62	$46.69
42"	$35.44	$32.26	$42.45	$48.81
44"	$36.92	$33.59	$44.27	$50.94
46"	$38.25	$34.77	$45.88	$52.82
48"	$39.55	$35.95	$47.48	$54.68
Price Per Bend	$0.60	$0.40	$0.40	$0.60

Trade Secret Confidential Not to be Disclosed

Kynar Coated Steel				
Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"	$10.27	$9.95	$9.69	$9.50
8"	$11.35	$10.89	$10.57	$10.30
10"	$12.41	$11.86	$11.43	$11.11
12"	$13.48	$12.82	$12.31	$11.93
14"	$14.54	$13.78	$13.18	$12.73
16"	$15.61	$14.74	$14.06	$13.54
18"	$16.50	$15.53	$14.79	$14.21
20"	$17.56	$16.48	$15.66	$15.02
22"	$18.61	$17.42	$16.50	$15.81
24"	$19.30	$18.04	$17.08	$16.33
26"	$20.32	$18.96	$17.92	$17.11
28"	$21.35	$19.88	$18.75	$17.89
30"	$22.37	$20.79	$19.58	$18.65
32"	$23.39	$21.70	$20.42	$19.43
34"	$24.40	$22.62	$21.25	$20.21
36"	$25.08	$23.22	$21.80	$20.71
38"	$26.07	$24.12	$22.62	$21.46
40"	$27.07	$25.01	$23.44	$22.23
42"	$28.08	$25.91	$24.26	$22.99
44"	$29.08	$26.80	$25.08	$23.74
46"	$29.97	$27.61	$25.80	$24.42
48"	$30.85	$28.40	$26.52	$25.08
Price Per Bend	$0.60	$0.60	$0.40	$0.40

Trade Secret - Confidential

Galvanized Steel				
Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"	$9.40	$9.13	$8.89	$8.70
8"	$10.17	$9.81	$9.50	$9.24
10"	$10.95	$10.50	$10.10	$9.79
12"	$11.73	$11.19	$10.72	$10.33
14"	$12.51	$11.87	$11.33	$10.88
16"	$13.28	$12.56	$11.94	$11.42
18"	$13.93	$13.13	$12.45	$11.87
20"	$14.70	$13.81	$13.04	$12.41
22"	$15.46	$14.48	$13.64	$12.94
24"	$15.97	$14.94	$14.05	$13.30
26"	$16.72	$15.59	$14.62	$13.82
28"	$17.45	$16.24	$15.20	$14.34
30"	$18.20	$16.90	$15.78	$14.85
32"	$18.93	$17.55	$16.36	$15.37
34"	$19.68	$18.20	$16.94	$15.90
36"	$20.16	$18.64	$17.32	$16.24
38"	$20.90	$19.27	$17.89	$16.74
40"	$21.62	$19.92	$18.47	$17.25
42"	$22.35	$20.56	$19.03	$17.76
44"	$23.07	$21.21	$19.61	$18.27
46"	$23.72	$21.77	$20.11	$18.72
48"	$24.36	$22.34	$20.62	$19.17
Price Per Bend	$0.60	$0.60	$0.40	$0.40

Trade Secret - Confidential Trade Secret Protected

Caulking Chart pricing per Linear Foot Installed

2 Component Epoxied Urethane Compound

Joint Size	1/8"	3/16"	1/4"	5/16"	3/18"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"	$1.89	$1.98	$2.06	$2.13	$2.21	$2.37	$2.52	$2.69	$2.76	$2.93	$3.08	$3.47	$3.63
3/16"	$1.98	$2.06	$2.13	$2.21	$2.30	$2.37	$2.52	$2.76	$2.84	$2.93	$3.15	$3.56	$3.69
1/4"	$2.06	$2.13	$2.13	$2.30	$2.37	$2.37	$2.69	$2.76	$2.84	$2.93	$3.24	$3.63	$3.78
5/16"	$2.13	$2.21	$2.21	$2.37	$2.45	$2.52	$2.76	$2.84	$2.84	$2.93	$3.32	$3.69	$3.86
3/18"	$2.21	$2.30	$2.30	$2.45	$2.52	$2.69	$2.84	$2.93	$2.84	$3.00	$3.47	$3.78	$3.95
7/16"	$2.37	$2.37	$2.37	$2.52	$2.69	$2.76	$2.93	$3.00	$3.00	$3.08	$3.56	$3.86	$4.01
1/2"	$2.52	$2.52	$2.52	$2.69	$2.76	$2.84	$3.00	$3.08	$3.15	$3.15	$3.63	$3.95	$4.10
5/8"	$2.69	$2.76	$2.76	$2.76	$2.84	$2.93	$3.08	$3.15	$3.24	$3.24	$3.69	$4.01	$4.17
3/4"	$2.76	$2.84	$2.84	$2.84	$2.93	$3.00	$3.15	$3.24	$3.32	$3.32	$3.78	$4.10	$4.26
7/8"	$2.93	$2.93	$2.93	$3.08	$3.00	$3.08	$3.24	$3.32	$3.47	$3.47	$3.86	$4.17	$4.41
1"	$3.08	$3.15	$3.15	$3.24	$3.24	$3.32	$3.32	$3.47	$3.56	$3.63	$3.95	$4.26	$4.49
1-1/8"	$3.47	$3.56	$3.56	$3.63	$3.69	$3.69	$3.78	$3.86	$3.86	$3.95	$4.01	$4.41	$4.58
1-1/4"	$3.63	$3.69	$3.78	$3.86	$3.86	$3.86	$3.95	$4.01	$4.01	$4.10	$4.10	$4.49	$4.64

Caulking Chart pricing per Linear Foot Installed

1 Component Polyurethane

Joint Size	1/8"	3/16"	1/4"	5/16"	3/18"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"	$2.84	$3.00	$3.15	$3.24	$3.38	$3.63	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43
3/16"	$3.00	$3.15	$3.24	$3.38	$3.63	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59
1/4"	$3.15	$3.24	$3.38	$3.63	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75
5/16"	$3.24	$3.38	$3.63	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90
3/18"	$3.38	$3.63	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90
7/16"	$3.63	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90
1/2"	$3.86	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99
5/8"	$4.01	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99	$6.15
3/4"	$4.17	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99	$6.15	$6.15
7/8"	$4.41	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99	$6.15	$6.15	$6.31
1"	$4.73	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99	$6.15	$6.15	$6.31	$6.31
1-1/8"	$5.21	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99	$6.15	$6.15	$6.31	$6.31	$6.78
1-1/4"	$5.43	$5.59	$5.75	$5.90	$5.90	$5.90	$5.99	$6.15	$6.15	$6.31	$6.31	$6.78	$7.01

Caulking Chart pricing per Linear Foot Installed

1 Component Silicone Rubber

Joint Size	1/8"	3/16"	1/4"	5/16"	3/18"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"	$2.93	$3.08	$3.24	$3.32	$3.47	$3.69	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52
3/16"	$3.08	$3.24	$3.32	$3.47	$3.69	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67
1/4"	$3.24	$3.32	$3.47	$3.69	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84
5/16"	$3.32	$3.47	$3.69	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99
3/18"	$3.47	$3.69	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99
7/16"	$3.69	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99
1/2"	$3.95	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07
5/8"	$4.10	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07	$6.22
3/4"	$4.26	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07	$6.22	$6.22
7/8"	$4.49	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07	$6.22	$6.22	$6.38
1"	$4.80	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07	$6.22	$6.22	$6.38	$6.38
1-1/8"	$5.27	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07	$6.22	$6.22	$6.38	$6.38	$6.85
1-1/4"	$5.52	$5.67	$5.84	$5.99	$5.99	$5.99	$6.07	$6.22	$6.22	$6.38	$6.38	$6.85	$7.10

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	0.8260	0.7320	0.7050
$12.50	0.8260	0.7320	0.7050
$15.00	0.8340	0.7320	0.7050
$17.50	0.8430	0.7320	0.7050
$20.00	0.8530	0.7470	0.7230
$22.50	0.8640	0.7620	0.7410
$25.00	0.8750	0.7770	0.7590
$27.50	0.8870	0.7950	0.7770
$30.00	0.8990	0.8130	0.7950
$32.50	0.9110	0.8310	0.8130
$35.00	0.9230	0.8490	0.8310
$37.50	0.9350	0.8670	0.8510
$40.00	0.9480	0.8860	0.8710
$42.50	0.9610	0.9050	0.8910
$45.00	0.9740	0.9240	0.9110
$47.50	0.9870	0.9430	0.9310
$50.00	1.0000	0.9620	0.9540
$52.50	1.0130	0.9810	0.9770
$55.00	1.0260	1.0000	1.0000
$57.50	1.0390	1.0300	1.0300
$60.00	1.0520	1.0600	1.0600
$62.50	1.0650	1.0900	1.0900
$65.00	1.0780	1.1200	1.1200
$67.50	1.0910	1.1500	1.1500
$70.00	1.1040	1.1750	1.1780
$72.50	1.1170	1.2000	1.2060
$75.00	1.1300	1.2250	1.2340
$77.50	1.1420	1.2500	1.2620
$80.00	1.1540	1.2750	1.2900
$82.50	1.1660	1.3000	1.3180
$85.00	1.1780	1.3250	1.3430
$87.50	1.1900	1.3500	1.3680
$90.00	1.2020	1.3750	1.3930
$92.50	1.2140	1.4000	1.4180
$95.00	1.2260	1.4250	1.4430
$97.50	1.2380	1.4530	1.4710
$100.00	1.2500	1.4810	1.4990
$102.50	1.2610	1.5090	1.5270
$105.00	1.2720	1.5370	1.5550
$107.50	1.2830	1.5650	1.5830
$110.00	1.2940	1.5930	1.6130
$112.50	1.3050	1.6210	1.6430
$115.00	1.3150	1.6490	1.6730
$117.50	1.3240	1.6770	1.7030
$120.00	1.3320	1.7050	1.7330

IFB #PW1925 Roofing Supplies and Services, Waterproofing, and Related Products and Services
Value-Added Alternates for Attachment C - Bid Form

Line Item			Unit	$ per Unit
24.00	**High Performance Value-Added Alternates Specific to Garland/DBS's Product Line**			
24.01	**ROOF CONFIGURATION** **1 Ply Modified Base Sheet Adhered as Specified Below**			
24.01.01	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 550 lbf/in tensile; Adhered in Hot ASTM D 312 Type III or IV Asphalt	**SF**	4.13
24.01.02	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 550 lbf/in tensile; Adhered in Cold Process Modified Asphalt	**SF**	5.85
24.01.03	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 550 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	7.80

Trade Secret - Confidential

24.02	ROOF CONFIGURATION 1 Ply High Performance Cap Sheet with 1000 Lbf/in Tensile, Adhered and with Finished Surfacing as Specified Below			
24.02.01	ROOFING MEMBRANE:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Mineral-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Adhered in Hot ASTM D 312 Type III or IV Asphalt	SF	9.20
24.02.02	ROOFING MEMBRANE:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Mineral-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Adhered in Cold Process Modified Asphalt	SF	10.68
24.02.03	ROOFING MEMBRANE:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Mineral-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	SF	12.55
24.02.04	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt	SF	8.29
24.02.05	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch	SF	11.49

Trade Secret - Confidential - Not to be Disclosed Requested

24.02.06	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt	SF	10.83
24.02.07	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Solvent-Free Membrane Adhesive	SF	16.44
24.02.08	ROOFING MEMBRANE & COATING OPTION:	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold-Applied Modified Coal Tar Pitch	SF	11.86
24.02.09	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
24.02.10	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
24.02.11	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
24.02.13	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2

Trade Secret - Confidential - Proprietary - Redacted

24.03	**ROOF CONFIGURATION** **1 Ply High Performance Cap Sheet Polyurethane Resin Modified, Adhered and with Finished Surfacing as Specified Below**			
24.03.01	**ROOFING MEMBRANE:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Mineral-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Adhered in Hot ASTM D 312 Type III or IV Asphalt	**SF**	9.96
24.03.02	**ROOFING MEMBRANE:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Mineral-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Adhered in Cold Process Modified Asphalt	**SF**	11.44
24.03.03	**ROOFING MEMBRANE:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Mineral-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	13.31
24.03.04	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt	**SF**	9.08
24.03.05	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch	**SF**	12.28

Trade Secret - Confidential - Not to be Disclosed - Requested

24.03.06	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt	**SF**	11.61
24.03.07	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Solvent-Free Membrane Adhesive	**SF**	17.23
24.03.08	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold-Applied Modified Coal Tar Pitch	**SF**	12.65

Trade Secret - Confidential - Not to be Disclosed

24.03.09	**WARRANTY CHARGE:**	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 includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
24.03.10	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.03.11	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.03.12	**WARRANTY UPCHARGE:**	Add to provide coverage for a 40 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
24.03.13	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2

Trade Secret - Confidential - Trade Secret - Proprietary

24.04	ROOF CONFIGURATION 1 Ply of Glasbase, 2 Plies of Coal Tar Felt or 2 Plies of Coal Tar Modified Base Sheets in Coal Tar Adhesive as Specified, [Insulation & Glass Base] Asphalt Adhesive as Specified			
24.04.01	BASE ROOF CONFIGURATION OPTION:	Hot Mop 2 Plies of ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	8.18
24.04.02	BASE ROOF CONFIGURATION OPTION:	Hot Mop 2 Plies of ASTM D 4990 Type I Coal Tar Saturated Felts in Standard Coal Tar Pitch	SF	6.41
24.04.03	BASE ROOF CONFIGURATION OPTION:	2 Plies ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Modified Coal Tar-Based Membrane Ashesive	SF	11.53
24.04.03	BASE ROOF CONFIGURATION OPTION:	2 Plies ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	SF	14.24
24.04.04	BASE ROOF CONFIGURATION OPTION:	1 Ply ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Modified Coal Tar-Based Membrane Ashesive	SF	6.74
24.04.05	BASE ROOF CONFIGURATION OPTION:	1 Ply ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	SF	8.09

Trade Secret Confidential Not Requested

24.05	ROOF CONFIGURATION 1 Ply SBS Coal Tar-Based Mineral-Surfaced Cap Sheet Adhered in as Specified			
24.05.01	ROOFING MEMBRANE:	ASTM D 6162 SBS Modified Coal Tar-Based Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Hot Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	10.43
24.05.02	ROOFING MEMBRANE:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Hot Standard Coal Tar Pitch	SF	9.61
24.05.03	ROOFING MEMBRANE:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Cold Process Modified Coal Tar-Based Membrane Ashesive	SF	10.16
24.05.04	ROOFING MEMBRANE:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	SF	11.14
24.05.05	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
24.05.06	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
24.05.07	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
24.05.08	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2

Trade Secret Confidential Not to be Disclosed Requested

24.06	ROOF CONFIGURATION 1 Ply SBS Coal Tar-Based Smooth-Surfaced Cap Sheet Adhered with Flood Coat & Aggregate as Specified			
24.06.01	ROOFING MEMBRANE:	ASTM D 6162 SBS Modified Coal Tar-Based Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Hot Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	SF	12.60
24.06.02	ROOFING MEMBRANE:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Hot Standard Coal Tar Pitch	SF	10.20
24.06.03	ROOFING MEMBRANE:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Cold Process Modified Coal Tar-Based Membrane Ashesive	SF	11.54
24.06.04	ROOFING MEMBRANE:	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Cold Process Solvent-Free Membrane Ashesive	SF	14.34
24.06.05	WARRANTY CHARGE:	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 includes coverage for roof uplift pressures up to 90 MPH	SF	NSP
24.06.06	WARRANTY UPCHARGE:	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP
24.06.07	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	SF	NSP-1
24.06.08	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	NSP-2

Trade Secret - Confidential - Requested

24.07	ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Symetrical Seam Height Over 2" with Sealant Separated from Clip			
24.07.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	SF	6.66
24.07.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" - 19" Wide Panels	SF	7.61
24.07.03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF	1.50
24.07.04	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Aluminum	SF	0.55
24.07.05	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Aluminum	SF	-0.40
24.07.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	SF	5.45
24.07.07	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	6.00
24.07.08	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	SF	1.45
24.07.09	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	SF	0.55
24.07.10	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	SF	-0.60
24.07.11	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.00
24.07.12	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.20
24.07.13	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.45

Trade Secret - Confidential - Not to be disclosed requested

24.07.14	**WARRANTY CHARGE:**	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	**SF**	NSP
24.07.15	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.07.16	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.07.17	**WARRANTY UPCHARGE:**	Add to provide coverage for a 40 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.07.18	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP

Trade Secret - Confidential Not to be Disclosed

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/13/2020

APPROVED
By WVerdejo at 9:43 am, Jan 15, 2020

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

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

PRODUCER
Marsh USA, Inc.
4400 Comerica Bank Tower
1717 Main Street
Dallas, TX 75201-7357
Attn: dallas.certs@marsh.com
CN102137469-G/DBS-GAWX+-19- NOC

INSURED
Garland/DBS, Inc.
3800 East 91st Street
Cleveland, OH 44105

CONTACT NAME:
PHONE (A/C, No, Ext):
FAX (A/C, No):
E-MAIL ADDRESS: Alex.Porter@marsh.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Liberty Surplus Insurance Corp	10725
INSURER B : Travelers Indemnity Co	25658
INSURER C : Liberty Insurance Underwriters Inc.	19917
INSURER D : The Charter Oak Fire Insurance Company	25615
INSURER E : Aspen American Insurance Company	43460
INSURER F : Endurance American Specialty Insurance Company	41718

COVERAGES **CERTIFICATE NUMBER:** HOU-003453216-22 **REVISION NUMBER:** 37

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	X COMMERCIAL GENERAL LIABILITY			1000353805-01	12/05/2019	12/05/2020	EACH OCCURRENCE	$	1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$	
							MED EXP (Any one person)	$	10,000
	X SIR - $100,000						PERSONAL & ADV INJURY	$	1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$	2,000,000
	X POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$	2,000,000
	OTHER:							$	
B	AUTOMOBILE LIABILITY			810-2L222506-19-43-G	12/05/2019	12/05/2020	COMBINED SINGLE LIMIT (Ea accident)	$	1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$	
	X OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$	
	X HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$	
								$	
C	X UMBRELLA LIAB X OCCUR			1000021688-10	12/05/2019	12/05/2020	EACH OCCURRENCE	$	5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$	5,000,000
	DED RETENTION $							$	
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			UB-8N309731	12/05/2019	12/05/2020	X PER STATUTE OTH-ER		
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBEREXCLUDED? (Mandatory in NH) Y/N N N/A						E.L. EACH ACCIDENT	$	1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$	1,000,000
							E.L. DISEASE - POLICY LIMIT	$	1,000,000
E	Inland Marine			IMZ325419 (Ded: $50,000)	12/05/2019	12/05/2020	Installation Floater per proj.		1,000,000
F	Inland Marine			ARL30000500802 (Ded: $25,000)	12/05/2019	12/05/2020	Leased/Rented Equip		100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

City of Jacksonville, its members, officials, officers, employees and agents are included as additional insured where required by written contract with respect to General Liability and Auto Liability. This insurance is primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured subject to policy terms and conditions. Waiver of subrogation in favor of the City of Jacksonville, its members, officials, officers, employees and agents is applicable where required by written contract and subject to policy terms and conditions. City of Jacksonville is Loss Payee on Installation Floater where required by written contract.

CERTIFICATE HOLDER

CITY OF JACKSONVILLE
117 W DUVAL STREET STE 335
JACKSONVILLE, FL 32202

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
of Marsh USA Inc.

Manashi Mukherjee

© 1988-2016 ACORD CORPORATION. All rights reserved.

The ACORD name and logo are registered marks of ACORD

AGENCY CUSTOMER ID: CN102137489
LOC #: Dallas

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Marsh USA, Inc.	Garland/DBS, Inc. 3800 East 91st Street Cleveland, OH 44105
POLICY NUMBER	
CARRIER / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Other property deductibles may apply as per policy terms and conditions.

The carrier may cancel the General Liability and Auto Liability policy by mailing or delivering to the first Named Insured written notice of cancellation at least: 10 days before the effective date of cancellation if we cancel for nonpayment of premium.

Any person or organization to whom the insured has agreed in a written contract that 30-day notice of cancellation of this policy will be given

© 2008 ACORD CORPORATION. All rights reserved.
The ACORD name and logo are registered marks of ACORD

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/13/2020

APPROVED
By WVerdejo at 9:28 am Jan 15 2020

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

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

PRODUCER
Marsh USA, Inc.
4400 Comerica Bank Tower
1717 Main Street
Dallas, TX 75201-7357
Attn: dallas.certs@marsh.com
CN102137489-DBS-Prof-19-20 NOC

CONTACT NAME:
PHONE (A/C, No, Ext): **FAX (A/C, No):**
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Arch Specialty Insurance Company	21199
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Garland/DBS, Inc.
3800 East 91st Street
Cleveland, OH 44105

COVERAGES

CERTIFICATE NUMBER: HOU-003599920-22 **REVISION NUMBER:** 10

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	CLAIMS-MADE / OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	POLICY / PRO-JECT / LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$
	DED / RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N N/A						E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liab (E&O)			CPP0059288-04 (Ded $100,000)	12/05/2019	12/05/2020	Per Claim	1,000,000
							Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
This insurance is primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured subject to policy terms and conditions. Waiver of subrogation is applicable where required by written contract and subject to policy terms and conditions.

CERTIFICATE HOLDER
CITY OF JACKSONVILLE
117 W DUVAL STREET STE 335
JACKSONVILLE, FL 32202

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
of Marsh USA Inc.
Manashi Mukherjee Manashi Mukherjee

© 1988-2016 ACORD CORPORATION. All rights reserved.

The ACORD name and logo are registered marks of ACORD

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO EXTENSION ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

A. BROAD FORM NAMED INSURED

B. BLANKET ADDITIONAL INSURED

C. EMPLOYEE HIRED AUTO

D. EMPLOYEES AS INSURED

E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS

G. WAIVER OF DEDUCTIBLE – GLASS

H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT

I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

J. PERSONAL PROPERTY

K. AIRBAGS

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

M. BLANKET WAIVER OF SUBROGATION

N. UNINTENTIONAL ERRORS OR OMISSIONS

PROVISIONS

A. BROAD FORM NAMED INSURED

The following is added to Paragraph **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

Any organization you newly acquire or form during the policy period over which you maintain 50% or more ownership interest and that is not separately insured for Business Auto Coverage. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier.

B. BLANKET ADDITIONAL INSURED

The following is added to Paragraph **c.** in **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

C. EMPLOYEE HIRED AUTO

1. The following is added to Paragraph **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. The following replaces Paragraph **b.** in **B.5., Other Insurance**, of **SECTION IV – BUSINESS AUTO CONDITIONS:**

   b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

   (1) Any covered "auto" you lease, hire, rent or borrow; and

   (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your

© 2015 The Travelers Indemnity Company. All rights reserved.
Includes copyrighted material of Insurance Services Office, Inc. with its permission.

permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

D. EMPLOYEES AS INSURED

The following is added to Paragraph **A.1., Who Is An Insured,** of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

1. The following replaces Paragraph **A.2.a.(2),** of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   (2) Up to $3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

2. The following replaces Paragraph **A.2.a.(4),** of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to $500 a day because of time off from work.

F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS

The following replaces Subparagraph (5) in Paragraph **B.7., Policy Period, Coverage Territory,** of **SECTION IV – BUSINESS AUTO CONDITIONS:**

(5) Anywhere in the world, except any country or jurisdiction while any trade sanction, embargo, or similar regulation imposed by the United States of America applies to and prohibits the transaction of business with or within such country or jurisdiction, for Covered Autos Liability Coverage for any covered "auto" that you lease, hire, rent or borrow without a driver for a period of 30 days or less and that is not an "auto" you lease, hire, rent or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company) or members of their households.

(a) With respect to any claim made or "suit" brought outside the United States of America, the territories and possessions of the United States of America, Puerto Rico and Canada:

(i) You must arrange to defend the "insured" against, and investigate or settle any such claim or "suit" and keep us advised of all proceedings and actions.

(ii) Neither you nor any other involved "insured" will make any settlement without our consent.

(iii) We may, at our discretion, participate in defending the "insured" against, or in the settlement of, any claim or "suit".

(iv) We will reimburse the "insured" for sums that the "insured" legally must pay as damages because of "bodily injury" or "property damage" to which this insurance applies, that the "insured" pays with our consent, but only up to the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE.

(v) We will reimburse the "insured" for the reasonable expenses incurred with our consent for your investigation of such claims and your defense of the "insured" against any such "suit", but only up to and included within the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE, and not in addition to such limit. Our duty to make such payments ends when we have used up the applicable limit of insurance in payments for damages, settlements or defense expenses.

(b) This insurance is excess over any valid and collectible other insurance available to the "insured" whether primary, excess, contingent or on any other basis.

(c) This insurance is not a substitute for required or compulsory insurance in any country outside the United States, its territories and possessions, Puerto Rico and Canada.

© 2015 The Travelers Indemnity Company. All rights reserved.
Includes copyrighted material of Insurance Services Office, Inc. with its permission.

You agree to maintain all required or compulsory insurance in any such country up to the minimum limits required by local law. Your failure to comply with compulsory insurance requirements will not invalidate the coverage afforded by this policy, but we will only be liable to the same extent we would have been liable had you complied with the compulsory insurance requirements.

(d) It is understood that we are not an admitted or authorized insurer outside the United States of America, its territories and possessions, Puerto Rico and Canada. We assume no responsibility for the furnishing of certificates of insurance, or for compliance in any way with the laws of other countries relating to insurance.

G. WAIVER OF DEDUCTIBLE – GLASS

The following is added to Paragraph **D., Deductible**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT

The following replaces the last sentence of Paragraph **A.4.b., Loss Of Use Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

However, the most we will pay for any expenses for loss of use is $65 per day, to a maximum of $750 for any one "accident".

I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph **A.4.a., Transportation Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

We will pay up to $50 per day to a maximum of $1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

J. PERSONAL PROPERTY

The following is added to Paragraph **A.4., Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

Personal Property

We will pay up to $400 for "loss" to wearing apparel and other personal property which is:

(1) Owned by an "insured"; and

(2) In or on your covered "auto".

This coverage applies only in the event of a total theft of your covered "auto".

No deductibles apply to this Personal Property coverage.

K. AIRBAGS

The following is added to Paragraph **B.3., Exclusions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

Exclusion **3.a.** does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs **A.1.b.** and **A.1.c.**, but only:

a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;

b. The airbags are not covered under any warranty; and

c. The airbags were not intentionally inflated.

We will pay up to a maximum of $1,000 for any one "loss".

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

The following is added to Paragraph **A.2.a.**, of **SECTION IV – BUSINESS AUTO CONDITIONS:**

Your duty to give us or our authorized representative prompt notice of the "accident" or "loss" applies only when the "accident" or "loss" is known to:

(a) You (if you are an individual);

(b) A partner (if you are a partnership);

(c) A member (if you are a limited liability company);

(d) An executive officer, director or insurance manager (if you are a corporation or other organization); or

(e) Any "employee" authorized by you to give notice of the "accident" or "loss".

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph **A.5., Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – BUSINESS AUTO CONDITIONS :**

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract signed and executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by

© 2015 The Travelers Indemnity Company. All rights reserved.
Includes copyrighted material of Insurance Services Office, Inc. with its permission.

such contract. The waiver applies only to the person or organization designated in such contract.

N. UNINTENTIONAL ERRORS OR OMISSIONS

The following is added to Paragraph **B.2., Concealment, Misrepresentation, Or Fraud**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

The unintentional omission of, or unintentional error in, any information given by you shall not prejudice your rights under this insurance. However this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

© 2015 The Travelers Indemnity Compa ny. All rights reserved .
Includes copyrighted material of Insurance Services Office, Inc. with its permission.

POLICY NUMBER: 810-2L222506-19-43-G

ISSUE DATE: 11-13-19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

EARLIER NOTICE OF CANCELLATION/NONRENEWAL PROVIDED BY US

This endorsement modifies insurance provided under the following:

ALL COVERAGE PARTS INCLUDED IN THIS POLICY

SCHEDULE

CANCELLATION:	**Number of Days Notice:** 60
WHEN WE DO NOT RENEW (Nonrenewal):	**Number of days Notice:** 60

PROVISIONS:

A. For any statutorily permitted reason other than nonpayment of premium, the number of days required for notice of cancellation, as provided in the CONDITIONS Section of this insurance, or as amended by any applicable state cancellation endorsement applicable to this insurance, is increased to the number of days shown in the SCHEDULE above.

B. For any statutorily permitted reason other than nonpayment of premium, the number of days required for notice of When We Do Not Renew (Nonrenewal), as provided in the CONDITIONS Section of this insurance, or as amended by any applicable state When We Do Not Renew (Nonrenewal) endorsement applicable to this insurance, is increased to the number of days shown in the SCHEDULE above.

Copyright, The Travelers Indemnity Company, 1997

Commercial General Liability

Liberty Surplus Insurance Corporation

LIBERTY SURPLUS INSURANCE CORPORATION

(A New Hampshire Stock Insurance Company, hereinafter the "Company")

ENDORSEMENT NO. 42

Effective Date:	12/05/2019
Policy Number:	1000353805 01
Issued To:	Garland Industries, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Person Or Organization:

As required by written contract signed by both parties prior to any "occurrence" in which coverage is sought under this policy.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us of Section IV – Conditions:**

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

© Insurance Services Office, Inc., 2008

Commercial General Liability

Liberty Surplus Insurance Corporation

LIBERTY SURPLUS INSURANCE CORPORATION

(A New Hampshire Stock Insurance Company, hereinafter the "Company")

ENDORSEMENT NO. 4

Effective Date:	12/05/2019
Policy Number:	1000353805 01
Issued To:	Garland Industries, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location and Description Of Covered Operations
As required by written contract signed by both parties prior to any "occurrence" in which coverage is sought under this policy.	All Locations and Description of Covered Operations

(Information required to complete this Schedule, if not shown above, will be shown in the Declarations)

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

© ISO Properties, Inc., 2004

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED – PRIMARY AND NON-CONTRIBUTORY WITH OTHER INSURANCE

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

PROVISIONS

1. The following is added to Paragraph **A.1.c., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   This includes any person or organization who you are required under a written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to name as an additional insured for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent of that person's or organization's liability for the conduct of another "insured".

2. The following is added to Paragraph **B.5., Other Insurance** of **SECTION IV – BUSINESS AUTO CONDITIONS:**

   Regardless of the provisions of paragraph a. and paragraph **d.** of this part **5. Other Insurance,** this insurance is primary to and non-contributory with applicable other insurance under which an additional insured person or organization is the first named insured when the written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, requires this insurance to be primary and non-contributory.

© 2016 The Travelers Indemnity Company. All rights reserved.
Includes copyrighted material of Insurance Services Office, Inc. with its permission.

Commercial General Liability

Liberty Surplus Insurance Corporation

LIBERTY SURPLUS INSURANCE CORPORATION

(A New Hampshire Stock Insurance Company, hereinafter the "Company")

ENDORSEMENT NO. 1

Effective Date:	12/05/2019
Policy Number:	1000353805-01
Issued To:	Garland Industries, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)

As required by written contract signed by both parties prior to any "occurrence" in which coverage is sought under this policy.

(Information required to complete this Schedule, if not shown above, will be shown in the Declarations)

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

A. In the performance of your ongoing operations; or

B. In connection with your premises owned by or rented to you.

CG 20 26 07 04

Copyright, Insurance Services Office, Inc., 2004

Commercial General Liability

Liberty Surplus Insurance Corporation

LIBERTY SURPLUS INSURANCE CORPORATION

(A New Hampshire Stock Insurance Company, hereinafter the "Company")

ENDORSEMENT NO. 13

Effective Date:	12/05/2019
Policy Number:	10003538805-01
Issued To:	Garland Industries, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION

1. The first Named Insured shown in the Declarations may cancel this policy by mailing or delivering to us advance written notice of cancellation.
2. We may cancel this policy by mailing or delivering to the first Named Insured written notice of cancellation at least:
   a. 10 days before the effective date of cancellation if we cancel for non-payment of premium; or
   b. 60 days before the effective date of cancellation if we cancel for any other reason.
3. We will mail or deliver our notice to the first Named Insured's last mailing address known to us.
4. Notice of cancellation will state the effective date of cancellation. The policy period will end on that date.
5. If this policy is cancelled, we will send the first Named Insured any premium refund due. If we cancel, the refund will be pro rata. If the first Named Insured cancels, the refund may be less than pro rata. The cancellation will be effective even if we have not made or offered a refund.
6. If notice is mailed, proof of mailing will be sufficient proof of notice.

Commercial General Liability

Liberty Surplus Insurance Corporation

LIBERTY SURPLUS INSURANCE CORPORATION

(A New Hampshire Stock Insurance Company, hereinafter the "Company")

ENDORSEMENT NO. 37

Effective Date:	12/05/2019
Policy Number:	1000353805-01
Issued To:	Garland Industries, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY INSURANCE CLAUSE ENDORSEMENT

To the extent that this insurance is afforded to any additional insured under the policy, such insurance shall apply as primary and not contributing with any insurance carried by such additional insured, as required by written contract.

Nothing herein contained shall be held to waive, vary, alter or extend any condition or provision of the policy other than as above stated.

TRAVELERS
ONE TOWER SQUARE
HARTFORD, CT 06183

**WORKERS COMPENSATION
AND
EMPLOYERS LIABILITY POLICY**

ENDORSEMENT WC 99 06 10 (A)

POLICY NUMBER: (POUB-8N30973-1-19)

AMENDED CANCELLATION CONDITION ENDORSEMENT

We agree that Part Six, D. Cancellation, item 2 of the policy, is amended as follows:

We may cancel or nonrenew this policy by mailing or delivering to you at the address shown on the Information Page written notice stating when A) not less than ten days thereafter in the case of Non-Payment of Premium, B) not less than ten days thereafter in case any bankruptcy or debtor relief proceeding is brought by or against you under Title 11 of the United States Code, and C) not less than the number of days thereafter stated in the Schedule, in all other cases, such cancellations shall be effective.

SCHEDULE

NUMBER OF DAYS

60

DATE OF ISSUE: 12-20-19 ST ASSIGN:

TRAVELERS

ONE TOWER SQUARE
HARTFORD, CT 06183

WORKERS COMPENSATION
AND
EMPLOYERS LIABILITY POLICY

ENDORSEMENT WC 00 03 13 (00)-01

POLICY NUMBER: (POUB-8N30973-1-19)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

SCHEDULE

DESIGNATED PERSON:

DESIGNATED ORGANIZATION:

ANY PERSON OR ORGANIZATION FOR WHICH THE INSURED HAS AGREED BY WRITTEN CONTRACT EXECUTED PRIOR TO LOSS TO FURNISH THIS WAIVER.

DATE OF ISSUE: 12-20-19 ST ASSIGN:

EXHIBIT 3
INDEMNIFICATION

Contractor shall hold harmless, indemnify, and defend the City of Jacksonville and City's members, officers, officials, employees and agents (collectively the "Indemnified Parties") from and against, without limitation, any and all claims, suits, actions, losses, damages, injuries, liabilities, fines, penalties, costs and expenses of whatsoever kind or nature, which may be incurred by, charged to or recovered from any of the foregoing Indemnified Parties for:

1. General Tort Liability, for any negligent act, error or omission, recklessness or intentionally wrongful conduct on the part of the Indemnifying Parties that causes injury (whether mental or corporeal) to persons (including death) or damage to property, whether arising out of or incidental to the Indemnifying Parties' performance of the Contract, operations, services or work performed hereunder; and

2. Environmental Liability, to the extent this Contract contemplates environmental exposures, arising from or in connection with any environmental, health and safety liabilities, claims, citations, clean-up or damages whether arising out of or relating to the operation or other activities performed in connection with the Contract; and

3. Intellectual Property Liability, to the extent this Contract contemplates intellectual property exposures, arising directly or indirectly out of any allegation that the Services, any product generated by the Services, or any part of the Services as contemplated in this Contract, constitutes an infringement of any copyright, patent, trade secret or any other intellectual property right. If in any suit or proceeding, the Services, or any product generated by the Services, is held to constitute an infringement and its use is permanently enjoined, the Indemnifying Parties shall, immediately, make every reasonable effort to secure within 60 days, for the Indemnified Parties a license, authorizing the continued use of the Service or product. If the Indemnifying Parties fail to secure such a license for the Indemnified Parties, then the Indemnifying Parties shall replace the Service or product with a non-infringing Service or product or modify such Service or product in a way satisfactory to Buyer, so that the Service or product is non-infringing.

If an Indemnifying Party exercises its rights under this Contract, the Indemnifying Party will (1) provide reasonable notice to the Indemnified Parties of the applicable claim or liability, and (2) allow Indemnified Parties, at their own expense, to participate in the litigation of such claim or liability to protect their interests. **The scope and terms of the indemnity obligations herein described are separate and apart from, and shall not be limited by any insurance provided pursuant to the Contract or otherwise. Such terms of indemnity shall survive the expiration or termination of the Contract.**

In the event that any portion of the scope or terms of this indemnity is in derogation of Section 725.06 or 725.08 of the Florida Statutes, all other terms of this indemnity shall remain in full force and effect. Further, any term which offends Section 725.06 or 725.08 of the Florida Statutes will be modified to comply with said statutes.

EXHIBIT 4
INSURANCE REQUIREMENTS

Without limiting its liability under this Contract, Contractor shall at all times during the term of this Contract procure prior to commencement of work and maintain at its sole expense during the life of this Contract (and Contractor shall require its, subcontractors, laborers, materialmen and suppliers to provide, as applicable), insurance of the types and limits not less than amounts stated below:

Insurance Coverages

Schedule	Limits
Worker's Compensation	Florida Statutory Coverage
Employer's Liability	$ 1,000,000 Each Accident
	$ 1,000,000 Disease Policy Limit
	$ 1,000,000 Each Employee/Disease

This insurance shall cover the Contractor (and, to the extent they are not otherwise insured, its subcontractors) for those sources of liability which would be covered by the latest edition of the standard Workers' Compensation policy, as filed for use in the State of Florida by the National Council on Compensation Insurance (NCCI), without any restrictive endorsements other than the Florida Employers Liability Coverage Endorsement (NCCI Form WC 09 03), those which are required by the State of Florida, or any restrictive NCCI endorsements which, under an NCCI filing, must be attached to the policy (i.e., mandatory endorsements). In addition to coverage for the Florida Workers' Compensation Act, where appropriate, coverage is to be included for the Federal Employers' Liability Act, USL&H and Jones, and any other applicable federal or state law.

Commercial General Liability	$2,000,000	General Aggregate
	$2,000,000	Products & Comp. Ops. Agg.
	$1,000,000	Personal/Advertising Injury
	$1,000,000	Each Occurrence
	$ 50,000	Fire Damage
	$ 5,000	Medical Expenses

Such insurance shall be no more restrictive than that provided by the most recent version of the standard Commercial General Liability Form (ISO Form CG 00 01) as filed for use in the State of Florida without any restrictive endorsements other than those reasonably required by the City's Office of Insurance and Risk Management. An Excess Liability policy or Umbrella policy can be used to satisfy the above limits.

Automobile Liability $1,000,000 Combined Single Limit
(Coverage for all automobiles, owned, hired or non-owned used in performance of the Contract)

Such insurance shall be no more restrictive than that provided by the most recent version of the standard Business Auto Coverage Form (ISO Form CA0001) as filed for use in the State of Florida without any restrictive endorsements other than those which are required by the State of Florida, or equivalent manuscript form, must be attached to the policy equivalent endorsement as filed with ISO (i.e., mandatory endorsement).

Builders Risk / Installation Floater **%100 Completed Value of the Project**

Such insurance shall be on a form acceptable to the CITY's Office of Insurance and Risk Management. The Builder's Risk policy shall include the SPECIAL FORM/ALL RISK COVERAGES. The Builder's Risk and/or Installation policy shall not be subject to a coinsurance clause. A maximum $10,000 deductible for other than windstorm and hail. For windstorm and hail coverage, the maximum deductible applicable shall be 2% of the completed value of the project. Named insured's shall be: CONTRACTOR, the CITY, and respective members, officials, employees and agents, the ENGINEER, and the PROGRAM MANAGEMENT FIRM(S) (when program management services are provided). The City of Jacksonville, its members, officials, officers, employees and agents are to be named as a loss payee.

Pollution Liability $1,000,000 per Loss
$2,000,000 Annual Aggregate

Any entity hired to perform services as part of this contract for environmental or pollution related concerns shall maintain Contractor's Pollution Liability coverage. Such Coverage will include bodily injury, sickness, and disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to destruction of tangible property including resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed; defense including costs charges and expenses incurred in the investigation, adjustment or defense of claims for such compensatory damages; coverage for losses caused by pollution conditions that arises from the operations of the contractor including transportation.

Pollution Legal Liability $1,000,000 per Loss
$2,000,000 Aggregate

Any entity hired to perform services as a part of this contract that require disposal of any hazardous material off the job site shall maintain Pollution Legal Liability with coverage for bodily injury and property damage for losses that arise from the facility that is accepting the waste under this contract.

Additional Insurance Provisions

A. Additional Insured: All insurance except Worker's Compensation shall be endorsed to name the City of Jacksonville and City's members, officials, officers, employees and agents as Additional Insured. Additional Insured for General Liability shall be in a form no more restrictive than CG2010 and CG2037, Automobile Liability CA2048.

B. Waiver of Subrogation. All required insurance policies shall be endorsed to provide for a waiver of underwriter's rights of subrogation in favor of the City of Jacksonville and its members, officials, officers employees and agents.

C. Contractor's Insurance Primary. The insurance provided by the Contractor shall apply on a primary basis to, and shall not require contribution from, any other insurance or self-insurance maintained by the City or any City members, officials, officers, employees and agents.

D. Deductible or Self-Insured Retention Provisions. All deductibles and self-insured retentions associated with coverages required for compliance with this Contract shall remain the sole and exclusive responsibility of the named insured Contractor. Under no circumstances will the City of

Jacksonville and its members, officers, directors, employees, representatives, and agents be responsible for paying any deductible or self-insured retentions related to this Contract.

E. Contractor's Insurance Additional Remedy. Compliance with the insurance requirements of this Contract shall not limit the liability of the Contractor or its Subcontractors, employees or agents to the City or others. Any remedy provided to City or City's members, officials, officers, employees or agents shall be in addition to and not in lieu of any other remedy available under this Contract or otherwise.

F. Waiver/Estoppel. Neither approval by City nor failure to disapprove the insurance furnished by Contractor shall relieve Contractor of Contractor's full responsibility to provide insurance as required under this Contract.

G. Certificates of Insurance. Contractor shall provide the City Certificates of Insurance that shows the corresponding City Contract Number in the Description, if known, Additional Insureds as provided above and waivers of subrogation. The certificates of insurance shall be mailed to the City of Jacksonville (Attention: Chief of Risk Management), 117 W. Duval Street, Suite 335, Jacksonville, Florida 32202.

H. Carrier Qualifications. The above insurance shall be written by an insurer holding a current certificate of authority pursuant to chapter 624, Florida State or a company that is declared as an approved Surplus Lines carrier under Chapter 626 Florida Statutes. Such Insurance shall be written by an insurer with an A.M. Best Rating of A- VII or better.

I. Notice. The Contractor shall provide an endorsement issued by the insurer to provide the City thirty (30) days prior written notice of any change in the above insurance coverage limits or cancellation, including expiration or non-renewal. If such endorsement is not provided, the Contractor shall provide a thirty (30) days written notice of any change in the above coverages or limits, coverage being suspended, voided, cancelled, including expiration or non-renewal.

J. Survival. Anything to the contrary notwithstanding, the liabilities of the Contractor under this Contract shall survive and not be terminated, reduced or otherwise limited by any expiration or termination of insurance coverage.

K. Additional Insurance. Depending upon the nature of any aspect of any project and its accompanying exposures and liabilities, the City may reasonably require additional insurance coverages in amounts responsive to those liabilities, which may or may not require that the City also be named as an additional insured.

L. Special Provisions: Prior to executing this Agreement, Contractor shall present this Contract and Indemnification and Insurance Requirements Exhibits to its Insurance Agent affirming: 1) That the Agent has personally reviewed the insurance requirements of the Contract Documents, and (2) That the Agent is capable (has proper market access) to provide the coverages and limits of liability required on behalf of Contractor.