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Entity Information

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

Services and More Information

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Available Services Officers

Assumed Name

Old Corp Name

File History

Purchase Master Entity Certificate of Good Standing

Change of Registered Agent and/or Registered Office

Adopting Assumed Name





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

Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

Village of Oak Park
Public Works Center
201 South Blvd
Oak Park, Illinois 60302

Date Submitted: 05/08/2025
Proposal #: 25-IL-250515
MICPA # PW1925
ILLINOIS General Contractor License #: 104.015673

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

Please Note: The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Racine County, WI and OMNIA Partners, Public Sector (U.S. Communities). Garland/DBS, Inc. administered an informal competitive process for obtaining quotes for the project with the hopes of providing a lower market-adjusted price whenever possible.

Scope of Work:

- 1. Grind the bare concrete surface to a SP3-4.
- 2. Remove the failing section of existing coat and make repairs.
- 3. Apply new VTP primer over the entire floor, approx 7,700 Sq Ft. Apply new Treadshield base coat with aggregate. Apply new Treadshield top coat with aggregate.
- 4. After new floor coating is dry apply new traffic lines. Traffic lines to be DOT mix.
- 5. Final sweep clean and haul away debris.
- 6. Apply 4th layer for traffic lanes only.
- 7. Make repairs to the peeling section of the existing floor coating.

Proposal Price Based Upon Market Experience:

\$ 126,192

Garland/DBS Price Based Upon Local Market Competition:

1 Futurity 19 \$ 126,192

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

Clarifications/Exclusions:

- 1. Permits are excluded.
- 2. Plumbing, Mechanical, Electrical work is excluded.
- 3. Masonry work is included as it pertains to the scope.
- 4. Interior Temporary protection is excluded.
- 5. Any work not exclusively described in the above proposal scope of work is excluded.
- 6. Prevailing wages are included.

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

Respectfully Submitted,

Jarod Miller

Jarod Miller Garland/DBS, Inc. (216) 430-3606



05/08/2025

Sincerely,

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

RE: Preferred Contractor Designation

To Whom It May Concern:

Futurity 19 is the preferred contractor for the **Village of Oak Park**: **Public Works Center**. **VoOP** requests that Garland/DBS, Inc. uses the aforementioned contractor as the basis for pricing the above mentioned project.

PRINTED NAME & TITLE

STATE OF:_____

COUNTY OF: _____

The foregoing designation was acknowledged to be true and correct before me by _____, the _____ of ___ this _____ day of ____, 2025.

By:

Notary Public, State of _____



THE GARLAND COMPANY, INC.

HIGH PERFORMANCE BUILDING ENVELOPE SYSTEMS

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

> MATT LEMERE P: (773) 633-7114 mlemere@garlandind.com

May 9, 2025

TO: Jake Vest, Village of Oak Park

RE: PWC Floor Coating Proposal 25-IL-250515

Jake.

The attached proposal for the installation of a new traffic coating system at Oak Park Public Works Center, 201 South Boulevard, will provide for a new epoxy system over a 7,700 square foot area with no coating currently present and will also provide required repairs to all adjacent areas of existing coating where peeling is occurring.

Utilizing the cooperative purchasing agreement Omnia contract will make this a turnkey installation for the village. The village will enter into a contract with Garland/DBS as the general contractor. A Garland certified, prevailing wage subcontractor will perform the work with regular inspections conducted by Garland and progress reports generated for the Village throughout the work.

The proposed project work includes proper substrate preparation followed by the installation of a 2-component vapor tolerant epoxy primer. A base coat of 2-component, 100% solids, VOC compliant epoxy with aggregate for non-slip will then be installed followed by a top coat of 2-component, 100% solids, VOC compliant epoxy with aggregate. At the traffic areas within the 7,700 square foot section (non-parking areas) that align with the two garage door entrways, a fourth layer of build-up will be installed of 2-component, 100% solids, VOC compliant epoxy and aggregate as a ware coat to stand up to ongoing vehicle movement.

This proposal covers all associated costs related to conducting the work including labor, material, bonding and freight. If you or anyone in the Village have any questions, please do not hesitate to ask. Thank you for the opportunity.

Reg	arc	ds,

Matt Lemere





Project Manual For:

OAK PARK PUBLIC WORKS CENTER - FLOORING 201 SOUTH BLVD OAK PARK, IL 60302



Project #: 25-IL-250515

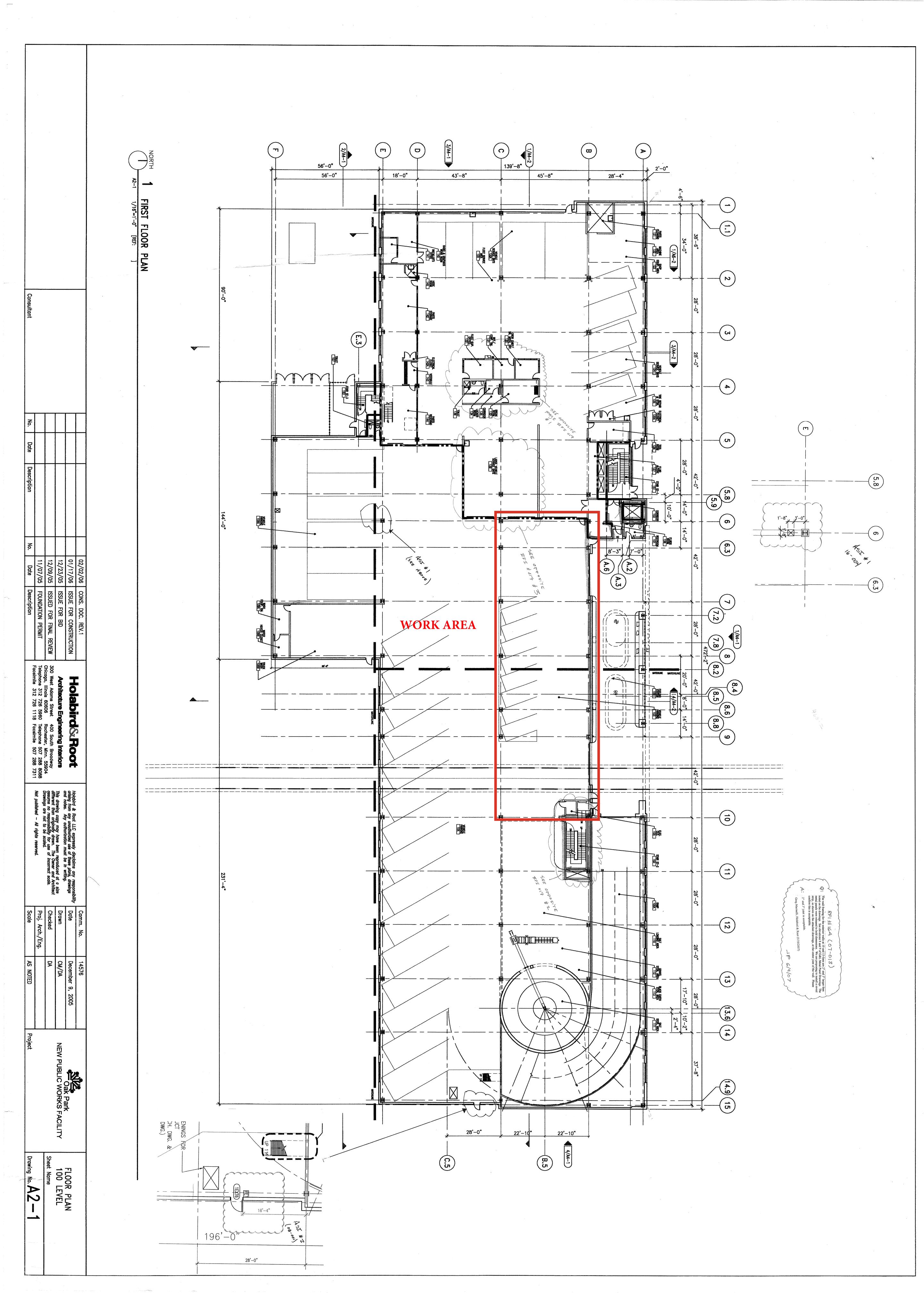
Project Owner: Village of Oak Park 123 Madison St Oak Park, IL 60302





1 Prevailing Wage Requirement

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







2 Specifications

SECTION 096700 FLUID APPLIED COATINGS

PART 1 GENERAL

- 1.1 SECTION INCLUDES: Floor coatings for the following applications:
 - A. High-performance floor coating system designed for traffic, chemical resistance, and abrasion resistance including all necessary surface preparation, primer(s), build coat(s), topcoat(s), and aggregates.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's standard submittal package including specification, installation instructions, and general information for each product indicated. For coatings, indicate VOC content in g/L.
- B. Shop Drawings: Show extent of each floor coating system. Include details for treating substrate joints, cracks, slab penetrations, and other termination conditions.
- C. Samples for Initial Selection: For each type of finish/system indicated.
- D. Sample Warranty: For Manufacturer's Warranty.

1.3 QUALITY ASSURANCE

- A. Primary floor coating system requirements:
 - 1. Single manufacturer. Manufacturer shall have a minimum of ten (10) years experience in the manufacture of materials of this type.
 - Applicators shall have a minimum of five (5) years of experience in the application of floor coating materials of the type specified. Applicator shall possess a current "Qualified Applicator" certificate from the specified floor coating manufacturer.
- B. Materials other than specified shall be submitted to the architect/owner for approval no later than ten (10) days prior to bid date. In requesting prior approval, it shall be necessary to submit:
 - 1. A letter of certification, signed by an officer of the manufacturer, stating that the alternative material is equal to or better than the specified product.
 - 2. Independent laboratory test data giving physical property values in comparison to the specified material.
- C. The static coefficient shall exceed the minimum recommendations of the American Disability





Village of Oak Park PWC Flooring

- Act (ADA), for accessible routes, for wet and dry surfaces, and for leather and rubber heel materials.
- D. Single Source Responsibility for Floor Coating Materials: Obtain floor coating materials from a single manufacturer for each different product required.
- E. Vapor Emission Testing: Where vapor emission may be a concern, perform testing to determine vapor emission utilizing a calcium chloride vapor emission test kit (https://www.humboldtmfg.com/vapor-emission-test-kit.html) per ASTM F1869. Record results and contact your Garland representative to determine whether a vapor tolerant primer will be necessary.

1.4 PRE-INSTALLATION CONFERENCE

- A. Convene a pre-installation conference approximately two weeks before scheduled commencement of sealant installation and associated work.
- B. Require attendance of installers of floor coating products and other associated work which must precede or follow floor coating work as well as, Architect, Owner, and floor coating manufacturer's representative.
- C. Objectives include:
 - Review foreseeable methods and procedures related to floor coating work, including set up and mobilization areas for stored material, and phasing.
 - 2. Review safety concerns related to the work including traffic control methods.
 - 3. Tour representative areas of concrete substrates, inspect and discuss condition of substrate and preparatory work.
 - 4. Review Drawings, Specifications and other Contract Documents.
 - Review and finalize schedule related to sealant work and verify availability of materials, installer's personnel, equipment and facilities needed to make progress and avoid delays.
 - 6. Review required inspection, testing, certifying procedures.
 - 7. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary weather protection.
 - 8. Record conference including decisions and agreements reached. Furnish a copy of records to each party attending.
- D. Mock-Ups: Full-size, physical example assemblies to illustrate finishes and materials. Mockups are used to verify selections made under sample submittals, to demonstrate aesthetic effects and, where indicated, qualities of materials and execution, and to review construction, coordination, testing, or operation; they are not Samples. Mockups establish the standard by which the Work will be judged and should be applied as follows:
 - After surface prep and/or coating removal, one representative area will be identified
 for the floor coating mock-up. Apply floor coating to at least 100 sq. ft. to demonstrate
 surface preparation, joint and crack treatment, thickness, texture, color, and standard
 of workmanship.
 - 2. Remove and re-apply mock-ups until they are approved by product rep.
 - 3. Approved mock-up may become part of the completed Work if undisturbed at time of Substantial Completion.
- 1.5 DELIVERY, STORAGE, AND HANDLING





Village of Oak Park PWC Flooring

- A. Deliver materials to Project site in original unopened containers or bundles with labels indicating manufacturer, product name and designation, color, expiration period for use, pot life, curing time, and mixing instructions for multi-component materials.
- B. Store all coating materials in clean, dry location protected from exposure to direct sunlight. Store materials in the original unopened containers at 50° to 80°F (10° to 27°C) until ready for use.
- C. Store and handle materials in compliance with manufacturer's recommendations to prevent deterioration or damage due to moisture, high/low temperatures, contaminants, or other causes.
- D. Safety: Refer to all applicable data, including, but not limited to safety data sheets, technical data sheets, product labels and specific instructions for specific personal protection requirements.

1.6 PROJECT CONDITIONS

- A. Environmental Conditions: Proceed with work of this section only when existing and forecasted weather conditions will permit the application to be performed in accordance with the manufacturer's recommendations.
- B. New concrete must be cured for at least 30 days prior to applying flooring system.
- C. Maintain surface and ambient temperature according to manufacturer's recommendations. Surface temperature must be at least 5°F above dew point.
- D. Concrete must be free of hydrostatic, capillary, or moisture pressure. Substrates in contact with the ground must have a properly installed, functioning, and effective moisture vapor barrier to help prevent potential problems resulting from hydrostatic, capillary or moisture vapor pressure. Concrete must contain less than 3.0 pounds per 1,000 square feet per 24 hours when tested per ASTM F-1869.
- E. Concrete should have been designed and installed as approved by architect/engineer to minimize random cracking, curling, and slab deflections and shall contain well-designed control and isolation joints as approved by architect/engineer.
- F. Do not apply sealers or membrane curing agents to concrete. Moisture curing is recommended. If said agents have been placed, they are to be removed prior to application of any part of this system.
- G. Surfaces are to be kept free of traffic and no trades shall be permitted in areas during the preparation of the floor surface, the application of the coating system, or the curing cycle of the coating system.

1.7 WARRANTY

- A. Installer Warranty: The contractor shall guarantee that all work performed will be free from defects in materials and workmanship for a period of two (2) years from the date of Substantial Completion. Upon notice of defect in writing to the contractor within two years after completion of work, the contractor shall, at his own expense, make necessary repairs or replacements of the defective work in question.
- B. Manufacturer's Warranty: Manufacturer's standard form in which floor coating manufacturer agrees to furnish floor coating products to repair or replace those that do not comply with





Village of Oak Park PWC Flooring

performance and other requirements specified in this section within specified warranty period.

- 1. Warranty Period:
 - a. Tread-Shield Floor Coating System: Five (5) Year Material Warranty
- C. Garland Floor Coating Systems are available for commercial projects only. Contractor must be eligible for, and make application to, The Garland Company, prior to the start of work under this section.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Garland Company, Inc. (The), which is located at: 3800 E. 91st St.; Cleveland, OH 44105; Toll Free Tel: 800-321-9336; Tel: 216-641-7500; Fax: 216-641-0633; Email:request info (jbosl@garlandind.com); Web:http://www.garlandco.com

2.2 MATERIALS, GENERAL

- A. Compatibility: Provide floor coating, joint sealants, and other related materials that are compatible with one another and with substrates under conditions of service and application, as demonstrated by floor coating manufacturer based on testing and field experience.
- B. Colors: Provide color of exposed floor coating to comply with the following:
 - 1. Provide selections for review and approval by Owner from manufacturer's full range of standard colors for products of type indicated.

2.3 FLOOR COATING

- A. Primer:
 - 1. Tread-Shield VTP Two-component, 100% solids, Zero VOC, epoxy concrete sealer/primer used to help control moisture vapor emissions.
- B. High-Build Base Coating:
 - . Tread-Shield Two-component, 100% solids, Low VOC, epoxy coating.
 - a. Tread-Shield Pigmented (reference Tread-Shield color chart)
 - b. Tread-Shield Clear with Silica Sand or Black Beauty aggregate, spreading rate as recommended by manufacturer for the specified system, substrate, type of aggregate, location, and service conditions indicated.
- C. Top Coating:
 - Tread-Shield Two-component, 100% solids, Low VOC, epoxy coating.
 - a. Tread-Shield Pigmented (reference Tread-Shield color chart)
 - b. Tread-Shield Clear with Silica Sand or Black Beauty aggregate, spreading rate as recommended by manufacturer for the specified system, substrate, type of aggregate, location, and service conditions indicated.
- D. Aggregate:
 - Uniformly graded, hard non-crushable, non-angular, rounded, washed silica sand





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- (16/30 mesh), unless otherwise specified (typically used in high-build and/or base coat applications)
- 2. Sugar Sand: Very fine, rounded silica sand (typically used in thinner top coat applications)
- 3. Spreading Rate: As recommended by manufacturer for the specified system, substrate, type of aggregate, location, and service conditions indicated.
- E. Joint and Crack Sealant:
 - 1. Green-Lock Sealant XL, Single-component, STPE joint sealant.
 - 2. Perma-Joint: Two-component, pourable, 100% solids, epoxy/urethane hybrid joint sealant.
- F. Component Coat Thickness: As recommended by manufacturer for substrate and service conditions indicated, but not less than the following (measured excluding aggregate):
 - 1 Primer
 - a. Tread-Shield VTP: 94 sq. ft / gal; 17 wet mil thickness (WTF)
 - b. Tread-Shield: 80-100 sq. ft. / gal; 16-20 mils WTF
 - 2. Top Coating:
 - a. Tread-Shield: 80-100 sq. ft. / gal; 16-20 mils WTF

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that substrate is ready to receive work; surface is clean, dry, and free of substances that could affect bonding or the performance of the new floor coating.
- B. Verify that the concrete meets the requirements of the coating manufacturer.
- C. Begin coating application only after minimum concrete curing and drying period recommended by the designer of record and concrete contractor has passed, after unsatisfactory conditions have been corrected, and after surfaces are dry.
 - 1. Verify that substrates are visibly dry and free of moisture.
 - . Test for vapor transmission by plastic sheet method according to ASTM D4263
 - 2. Verify that no vapor emission issues will negatively affect the performance of the new floor coating.
 - Calcium chloride test will establish vapor emission issues within the slab that may prevent functional performance of new coating applications. Install several test kits around the area to be coated and compare the weight of the calcium chloride before and after the duration of the test. All testing should be documented and filed as a pre-job checklist item. A detailed outline for the test can be found online at https://www.humboldtmfg.com/vapor-emission-test-kit.html
- D. <u>Perform</u> adhesion tests per manufacturer's recommendations when going over existing floor coatings
- E. Verify that all other work involved with this area, done under other sections, has been completed and accepted by the architect and general contractor prior to starting the floor coating application.
- F. Application of coating indicates acceptance of surface and conditions.





3.2 PREPARATION

- A. Surface Cleaning: Clean substrate to remove any and all surface contaminants. Concrete surfaces must be thoroughly clean, dry and free from any surface contaminates or cleaning residue. Acceptable methods of cleaning are sandblasting, shotblasting or mechanical grinding followed by the complete removal of any residue. Concrete surface profile required for floor coating is CSP-3.
- B. Mask off all adjoining areas that are not to receive coating.
- C. Provide a suitable workstation to mix the coating materials.
- D. The concrete surfaces shall be of sound structural grade (3000 psi compressive strength recommended), of adequate design and thickness, and shall have a steel troweled followed by a fine broom finish, free of fins, ridges, voids or air entrained holes.
- E. Concrete: Special attention should be given to smoothness of surface and freedom from contaminants including paint or previous coatings. Consult manufacturer's representative for alternate procedures for coating over existing coatings. Such procedures are highly dependent on specific job conditions. Curing compounds if used shall be removed by shotblasting. In the event specifications are not met, the following corrective procedures are recommended.
 - Surface Contaminants: Wipe up grease or oil with a solvent and absorbent sweeping material. Disposal of this material should be in accordance with local laws and codes. Wash with solvent-alkaline cleaners diluted one part cleaner and five parts water. Rinse thoroughly with clean water.
 - a. Remove curing compounds by shotblasting. Grinding may remove heavy deposits of contaminants.
 - 2. Fins and projections: Grind smooth.
 - 3. Rock Pockets and Depressions: Commercially available concrete patching compounds can be used provided they contain no bitumen based binders. Only those patching compounds utilizing a binder are recommended for patching. Neat cement sacking is NOT an acceptable surface preparation for coatings.
 - 4. Small/Shallow Depth Concrete Repairs Perma-Top Patch Kit: Sound the concrete to outline the size and shape of the spalled and/or debonded concrete area. Saw cut the perimeter of the repair area to prevent feathering out of the patch material. Chipped out the deteriorated concrete and around the reinforcing steel. Sandblast or grind the reinforcing steel and patch area to remove rust and surface contaminants that would prevent good adhesion of the repair material. Patch with Perma-Top Repair Kit per the product data sheets. See typical shallow depth concrete repair detail for more information.
 - 5. Deep/Larger Concrete Repairs Please contact the manufacturer's representative.
 - 6. Heavily Pitted Areas of Concrete Leveling Course: Shotblast or grind the pitted areas. Use a notched squeegee to float Treadshield Flex Primer over the pitted areas and broadcast sand aggregate into the epoxy while it is still wet. Allow to cure before installing new coating system.

3.3 TERMINATIONS AND PENETRATIONS

A. Prepare vertical and horizontal surfaces at terminations and penetrations through the floor coatings and at expansions joints, drains, and sleeves by installing Green-Lock Sealant XL per the manufacturer's specifications (or approved manufacturer's sealant).

3.4 JOINT AND CRACK TREATMENT





Village of Oak Park PWC Flooring

- A. Rout all cracks > 1/16" and caulk with Garland single-component Green-Lock Sealant XL (or approved manufacturer's sealant).
- B. Remove and replace sealant at all expansion, control, cove, and construction joints with Green-Lock Sealant XL (or approved manufacturer's sealant).
- C. Honor (hold back epoxy coating system) from all movement joints. Do not install rigid epoxy coating over areas or joints requiring room for expansion/contraction.

3.5 WALLS AND EDGE DETAILING

A. Apply a cove joint of sealant at the deck to wall transition.

3.6 INSTALLATION

- A. Tread-Shield Floor Coating System
 - Technical Advice: The installation of this floor coating system shall be accomplished in the presence of, or with the advice of the manufacturer's technical representative. Contact the nearest regional office for assistance.
 - 2. Primer:
 - a. Tread-Shield VTP: Prime all surfaces to be coated at the rate of 94 sf/gal.
 - 3. High-Build Base Coat (Tread-Shield flooring system only): Install 16-20 mil application of Tread-Shield in the desired color at the rate of 80-100 sf/gal in low humidity conditions (< 75% R.H.). Apply Base Coat with a notched squeegee and back roll with a nap roller to help avoid pin holes and squeegee lines. Repair any pinholes as they occur. If Tread-Shield Flakes or Quartz are desired, installed into Base Coat while still wet.</p>
 - 4. Top Coat:
 - a. Install 16-20 mil application of Tread-Shield in the desired color at the rate of 80-100 sf/gal in low humidity conditions (< 75% R.H.). Apply Base Coat with a notched squeegee and back roll with a nap roller to help avoid pin holes and squeegee lines. Repair any pinholes as they occur. If Tread-Shield Flakes or Quartz are desired, installed into Top Coat while still wet.

3.7 CLEANING AND PROTECTION

- A. Protect floor coatings from damage and wear during the remainder of construction period.
- B. Clean spillage from adjacent construction using cleaning agents and procedures recommended by the manufacturer of affected construction.

END OF SECTION







3 Material Data Sheets

TREAD-SHIELD®



OVERVIEW & FEATURES

Tread-Shield VTP is a two component 100% solids epoxy seal coat that can help control moisture vapor emission rates up to 20 lb./24 hr/1000 ft², prior to application of epoxy flooring and traffic coating systems. This product is formulated for use in a broadcast system as a primer to combat existing vapor drive issues prior to installing epoxy mortars or other suitable coating systems.

APPLICATION

Product Storage – Store product at 65°F and 85°F for at least 48 hours prior to use.

Surface Preparation - Do not apply over Gypsum compounds or light weight concrete. The concrete must meet acceptable industry standards as defined in ACI committee 201 report "Guide to Durable Concrete". A vapor emission test should be performed to test for vapor drive (https://www.humboldtmfg.com/vapor-emission-test-kit.html). For moisture testing, at least one test shall be performed for each 1000 ft² of floor surface to be treated. All dirt, foreign contaminants, sealing compounds, oil, solvent, paint, wax, grease, residual adhesives, curing compounds, silicate penetrating compounds, salts, efflorescence, mold, mildew, laitance or any other foreign materials that can affect the adhesion must be removed before surface preparation to assure a trouble-free bond to the substrate. The most suitable surface preparation would be a shot blast to provide a suitable profile to a minimum CSP #3 per ICRI Guidelines. The concrete substrate shall be smooth to prevent irregularities in application thicknesses. All dynamic, moving joints and cracks must be honored through the entire flooring system applied and filled with an elastomeric material that is suited for the general conditions of use. Inadequate surface preparation can result in leaving contaminants resulting in pin holes, bubbles, fish eyes or other deficiencies that can cause disbonding or coating failure.

Product Mixing – Tread-Shield VTP product has a mix ratio of 9.25# part A to 4.15# part B. Standard packages are in pre-measured kits and should be mixed as supplied in the kit. We highly recommend that the kits not be broken down unless suitable weighing equipment is available. Mix each individual component before using. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Avoid whipping air into the liquids. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix before applying to the concrete substrate. Improper mixing may result in product failure.

Product Application – Tread-Shield VTP can be applied by brush or roller. However, the material can also be applied by a suitable serrated squeegee and then back rolled as long as the appropriate thickness recommendations are maintained. When applying by serrated squeegee, back roll the material at a right angle to the direction of the squeegee application.

Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. Do not use any heating equipment that would produce carbon dioxide. When rolling out the product, it is best to roll out the product in one direction and then back roll the material in the opposite direction to make sure it is worked into the concrete well. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off to remove the air entrapped in the coating. When the mixed material is applied to the concrete surface, pin holes or voids may develop when air is displaced (outgassing). If voids or pin holes occur, re-application to remove them must be undertaken. Grind these areas and clean off residue; make sure the surface is dry and re-coat. The moisture vapor barrier must be applied to form a continuous monolithic void free application. Thinner applications than recommended may result in insufficient moisture vapor protection.

Because this material has a short pot life, it is beneficial in some applications to remove the material from the mixing pail by pouring the material onto the substrate and spreading it along the floor. Spreading out the material will allow the applicator more time to work with the material before it begins to cure.

Recoat or Topcoating - Tread-Shield or other suitable coating systems can be applied as an intermediate or top coat. Do not apply any coatings, overlays, or other surfacing before the material is properly set up. This is typically about 12-16 hours at 70°F. Colder temperatures will require more cure time for the product before recoating or topcoating can commence. Before recoating or topcoating, check for epoxy blushes (a whitish, greasy film, or deglossing.) If a blush is present, it can be removed by any standard detergent, cleaner prior to topcoating or recoating. Many epoxy coatings and urethanes as well as multiple coats of this product are compatible for use. Maximum recoat window for the moisture vapor coating is 48 hours.

Clean Up - Use xylol

Floor Cleaning - CAUTION! Some cleaners may affect the color of the floor installed. Test each cleaner in a small, area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

PRECAUTIONS

- Use with adequate ventilation.
- Skin or eye exposure or inhalation can result in serious medical problems.
- Avoid contact with eyes, skin and clothing.
- Workmen should wear gloves or protective creams; if skin contact occurs, wash at the first opportunity with soap and water.
- In the event of eye contact, immediately flush eyes with plenty of water. Call a physician.
- Keep out of the reach of children.
- For industrial use only.

TREAD-SHIELD®



Technical Data	Tread-Shield VTP
Solids by Weight by Volume	100% (+/- 1%) 100% (+/- 1%)
Recommended Thickness	17 mils @ 94.4 sf/gal
Viscosity (mixed @ 73°F (23°C))	500-1,000 cps (typical)
Shelf Life	One year in unopened container
Adhesion (concrete failure, no delamination)	350 psi
*Set Time @ 70°F (21°C) Pot Life Tack Free Recoat or Top Coat Full Cure	28-38 minutes 6-10 hours 12-16 hours 3-7 days
Hardness Shore D	75-80
voc	0 g/l
Packaging (Kit)	3 gallon (13.6 l) 15 gallon (68.2 l)

^{*}Time varies depending on air temperature and humidity.

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

For more information, visit us at: www.garlandco.com

The Garland Company, Inc.

3800 East 91st Street Cleveland, OH 44105 FAX: 216-641-0633 Phone: 216-641-7500 Toll Free: 800-321-9336 Garland Canada Inc.

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

Second Way Centre, Second Way Avonmouth, Bristol UK BS11 8DF Phone: 011 44 1174 401050 (Outside UK) Toll Free: 0800 328 5560 (Only in UK) Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

Tread-Shield is a registered trademark of The Garland Company, Inc.



OVERVIEW & FEATURES

Tread-Shield industrial epoxy coating is a two-component epoxy resin coating formulated with less than 2.8 lbs./gal. VOC (<340 grams/liter) while providing excellent adhesion, physical and chemical resistance properties. Tread-Shield provides unsurpassed protection for concrete, wood and metal surfaces and keeps these surfaces smooth, bright and more resistant to chemicals. Tread-Shield functions as a primer on concrete and is available in clear, standard and custom pigmented formulations.

Tread-Shield CLEAR can be used either as a coating or filled with marble chips or colored schemes or patterns.

Environmentally Friendly - Tread-Shield is formulated with less than 2.8 lbs./gal VOC, providing excellent protection for concrete, wood and metal surfaces without harming the environment.

Strong & Durable - The two component epoxy resin provides excellent abrasion and impact resistance and superior chemical resistance to a wide spectrum of chemicals.

100% Solids Content - Tread-Shield's high solids content yields increased dry film thickness. There's also no induction time and faster tack-free time for an attractive finish.

APPLICATION

Surface Preparation - All oil, grease, and chemicals should be removed by scraping or detergents prior to shot blasting or acid etching the floor. Repair all substrate deficiencies and replace all sealants prior to installing flooring system.

Expansion Joints - All expansion joints should be cured prior to applying Tread-Shield. Attempting to coat a wet joint compound will cause fish-eyeing in the urethane, requiring sanding and a second coat.

Priming - A suitable primer should be used before applying Tread-Shield. If a primer is not used, more porous substrates may cause outgassing and possible surface defects. Suitable primers include Tread-Shield Flex Primer, Tread-Shield Primer WB, and Tread-Shield VTP.

Product Application - The Tread-Shield epoxy should be applied at 16-20 mils. Tread-Shield should be applied with a notched squeegee. Smaller areas may be coated using 18" (457.2 mm) roller covers and roller pans. The notched squeegee should be approximately 36" (914.4 mm) long with 1/32" to 1/16" (.79 mm to 1.59 mm) notches at 1/4" to 1/2" (6.35 mm to 12.7 mm) intervals. Backrolling is typically done with 18" (5457.2 mm) short nap solvent-resistant roller covers. Over-rolling may cause bubbling or color separation.

Priming – A suitable primer should be used before applying this product. Without primer, porous substrates may cause outgassing and possible surface defects.

Top Coat - Tread-Shield Top Coat WB or Tread-Shield Top Coat VOC polyurethane top coats can be used for increased chemical resistance and UV stability.

Ventilation, Dewpoint & Humidity - Tread-Shield epoxy industrial coating is a solvent-based system. Color stability relies on the even flashing-off of the solvent system. Poor ventilation will delay the solvent flashing-off causing color separation and slow cure of the VOC. The building should have proper ventilation throughout. Humidity can be a problem when the foundation temperature is below the dewpoint (dewpoint can be checked in the field with a sling Psychrometer and Surface thermometer). When this occurs, a film of water will form on the coated surface thus slowing the flash-off of the solvents and inhibiting cure. This will result in poor color stability and cure of the epoxy.

Mixing Product - Mix only the material that can be applied within the working time limits at the actual field temperature.

- 1. Mix the pigmented portion (Part "A") of the Tread-Shield with a drill and jiffy mixer for 1 minute prior to adding the activator, Part "B".
- Add Part "A" to Part "B" and mix for 3 minutes with the drill and jiffy mixer. The mix ratio of Tread-Shield is 2:1 by volume. While mixing, be careful to mix from the bottom and side for complete mixing.

Clean Up - Use Xylol

Floor cleaning - Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique before cleaning the entire surface.

PRECAUTIONS

- Use with adequate ventilation
- Skin or eye exposure or inhalation can result in serious medical problems
- Wear gloves or protective creams; if skin contact occurs, wash at the first opportunity with soap and water
- Avoid contact with eyes, skin and clothing; in the event of eye contact, immediately flush eyes with water and contact a physician
- Keep out of the reach of children
- For industrial use only
- Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure).
- It is best to let the floor remain dry for the full cure cycle.
- Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.

TREAD-SHIELD®



Technical Data	Tread-Shield (Pigmented)	Tread-Shield (Clear)
Non-Volatile Content % by Weight % by Volume	100 100	100 100
Viscosity @ 73°F (23°C) (Mixed)	1300-2300 cps	700-1000 cps
Recommended Film Thickness Wet	16-20 mils	16-20 mils
Pot Life @ 73°F (23°C)	30-50 minutes	20-30 minutes
Compressive Strength ASTM D 695	9,100 psi	11,200 psi
Hardness (ASTM D 3363)	80	81
Shelf Life	One year, unopened	One year, unopened
Flexural Strength ASTM D 790	5,400 psi	7,400 psi
(*Set Time @ 70°F (21°C) Tack Free Recoat or Topcoat Light Foot Traffic Full Cure	5-8 hours 8-12 hours 12-14 hours 2-7 days	6-8 hours 10-16 hours 14-18 hours 2-7 days
Coverage	80-100 ft.2 (7.43-9.29 m²)	80-100 ft.2 (7.43-9.29 m²)
Packaging (Kit)	3 gallon (13.6 l) 15 gallon (68.2 l)	3 gallon (13.6 l) 15 gallon (68.2 l)

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

For more information, visit us at: www.garlandco.com

The Garland Company, Inc. 3800 East 91st Street

Cleveland, OH 44105 FAX: 216-641-0633 Phone: 216-641-7500 Toll Free: 800-321-9336 Garland Canada Inc.

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

Second Way Centre, Second Way Avonmouth, Bristol UK BS11 8DF Phone: 011 44 1174 401050 (Outside UK) Toll Free: 0800 328 5560 (Only in UK) Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.











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.

USFR Compliance Questionnaire for IFB # PW1925

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

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

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

Purchasing Department

Racine County

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

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

This Contract made and entered into this 27 day of 5cotember. 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.
- 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	Date 7-27-19
	BY: JONATHAN DELAGRAVE RACINE COUNTY EXECUTIVE	Certified to be correct as to form By Racine County Corporation Counsel
	BY: Wendy M. Christensen glas 119 Racine county Clerk	REVIEWED BY FINANCE DIRECTOR
(GARLAND/DBS Inc.	Dio Oth 9/27/19
	BY:	Sign Date
	David M. Sokal, President	



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

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

AMENDMENT NO. ONE (1)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

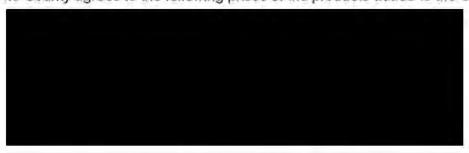
To add products previously unavailable at the time of bid, the County agrees to Contractor making the below items available in the Contract that are within the initial scope of the Contract:

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

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

2. PRICE:

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



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

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

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

BY: Jonathan Delagrave	
Racine County Executive DATE: 06 - 20 - 2029	
BY: Wendy M. Christensen Racine County Clerk DATE: 6/3/20	11/2/21 ST 12/21
BY: A A PERCALIANTE CONTROLLER + AUTHORIZED STENER	0/0/4000

Date O6-17-20 So Certified to be correct as to form

By County Corporation Counse

REVIEWED BY FINANCE DIRECTOR

Date

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

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

AMENDMENT NO. ONE (1)

Attachment A

Product #	Product Name	Description	Coverage Hate	Unit Size Pelae	12 Discount Per OMNIA Partners Contract through Racine County	OMNIA Partners Contract Price
HELW.	mi	Heavy Duty Non-Tosso Concrete	(Reletence Data			
771-5	Clean-Shield	and Masonry Clean - 5 Gallon Pall Clear Acrybo Solution Designed to	Sheet)			
1750-5	Clear-Shield	Pioteci a Roof's Editing Surface	gal (Reference Data Sheet) Gallon Depending			
7775-10	D7-10 Gallon Kit	Antimicrobial Distrivectant and Chemical Becontaminant, 3-Part Kit	on Application (Reference Data Sheet) Gallon Depending			
7775-30	D7 -30 Gallon Kit	Antinicrobial Distriectant and Chemical Decontaminant, 3-Part Kit	on Application (Reference Data Sheet)			
7775-4	D7-4 Gallon Kit	Antimorobial Distrilectant and Chemical Decontaminant, 3-Part Kit	Gason Depending on Application (Reference Data Sheet)			

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

AMENDMENT NO. TWO (2)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

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

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

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

2. PRICE:

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



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

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

RACINE COUNTY	
BY: Jonathan Delagrave Racine County Executive	REVIEWED BY FINANCE DIRECTOR 8/27/2020 Sign Date
DATE:	Wendy M. Christensen Racine County Clerk 9/1/2003
BY:	Racine County Clerk
Wendy M. Christensen Racine County Clerk	
DATE:	
GARLAND/DBS Inc.	
BY: 74 01	Out.
DATE: 09/35/2020	Certified to be correct as to form
FRANK A. PERCACIANTE	Racine County S
CONTROLLER	Racine County Corporation Counsel

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

AMENDMENT NO. TWO (2)

Attachment A

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

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

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

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

AMENDMENT NO. THREE (3)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

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

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

2. PRICE:

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

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

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

BY:	Just Velo	W	REVIEWED BY FIN	IANCE DIRECTOR
	Jonathan Delagrave Racine County Executive	*/	Sign	Date
DAT	E:			
BY:	Wendy M. Christensen Racine County Clerk	5		
DAT	E: 2/24/2021			
GAR BY: DATI	10-1 -1	ik A. Perciac	CIANTE, CONTRO	il 6r
			Date 23-23-2-2 Certified to be correct as By	s to form

AMENDMENT NO. FOUR (4)

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

The Parties hereby agree to amend the Contract as follows:

1. NATIONWIDE:

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

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

HEART OF APPALACHIA REGION to include:

CITIES & TOWNS

Bluefield, VA Grundy, VA

Norton, VA

Town of Tazewell, VA Big Stone Gap, VA

Clintwood, VA

St. Paul, VA

Coeburn, VA

COUNTIES

Buchanan County, VA Dickenson County, VA Lee County, VA Russell County, VA

Scott County, VA

Tazewell County, VA

Wise County, VA

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

AMENDMENT NO. FOUR

BLUE RIDGE HIGHLANDS REGION to include:

CITIES & TOWNS

Abingdon, VA Blacksburg, VA Bristol, VA

Christiansburg, VA Damascus, VA

Galax, VA Marion, VA

Pulaski, VA Radford, VA

Wytheville, VA

COUNTIES

Bland County, VA
Carroll County, VA
Floyd County, VA
Giles County, VA
Grayson County, VA
Montgomery County, VA
Patrick County, VA
Pulaski County, VA

Smyth County, VA Washington County, VA Wythe County, VA

CENTRAL VIRGINIA REGION to include:

CITIES & TOWNS

Appomattox, VA
Ashland, VA
Blackstone, VA
Charlottesville, VA
Colonial Heights, VA

Chester, VA
Farmville, VA
Hopewell, VA
Lynchburg, VA
Petersburg, VA
Richmond, VA
Scottsville, VA
Wintergreen, VA

COUNTIES

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

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

CITIES & TOWNS

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

Irvington, VA

COUNTIES

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

Essex County, VA Gloucester County, VA King George County, VA

COASTAL VIRGINIA - EASTERN SHORE REGION to include:

CITIES & TOWNS

Accomac, VA Cape Charles, VA Chincoteague Island, VA

Exmore, VA
Onanock, VA
Tangier Island, VA
Wachapreague, VA

COUNTIES

Northampton County, VA Accomack County, VA

Tidewater COASTAL VIRGINIA - HAMPTON ROADS REGION to include:

CITIES & TOWNS

Charles City, VA Chesapeake, VA Franklin, VA Hampton, VA Newport News, VA Norfolk, VA

Poquoson, VA Portsmouth, VA Smithfield, VA Suffolk, VA

Virginia Beach, VA

COUNTIES

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

Surry County, VA York County, VA

Williamsburg, VA Yorktown, VA

NORTHERN VIRGNIA REGION to include:

CITIES & TOWNS

Alexandria, VA

Arlington, VA

Centreville, VA

Chantilly, VA

Clifton, VA

Culpeper, VA

Dulles, VA

Falls Church, VA

Fairfax, VA

Fredericksburg, VA

Herndon, VA

Leesburg, VA

Lorton, VA

Manassas Park, VA

Manassas, VA

Marshall, VA

McLean, VA

Middleburg, VA

Occoquan, VA

Purcellville, VA

Reston, VA

Spotsylvania, VA

Springfield, VA

Triangle, VA

Vienna, VA

Warrenton, VA

Woodbridge, VA

Washington, VA

COUNTIES

Rappanhannock County, VA

Fauquier County, VA

Stafford County, VA

Spotsylvania County, VA

Caroline County, VA

Prince William County, VA

Fairfax County, VA

Loudoun County, VA

Culpeper County, VA

SHENANDOAH VALLEY REGION to include:

CITIES & TOWNS

Berryville, VA

Buena Vista, VA

Front Royal, VA

Harrisonburg, VA

Lexington, VA

Shenandoah, VA Staunton, VA

Waynesboro, VA

Winchester, VA

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

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Luray, VA

Natural Bridge, VA

COUNTIES

Augusta County, VA

Clarke County, VA

Frederick County, VA

Page County, VA

Rockbridge County, VA

Rockingham County, VA

Shenandoah County, VA

Warren County, VA

SOUTHERN VIRGINIA to include:

CITIES & TOWNS

Danville, VA

Emporia, VA

Martinsville, VA

South Boston, VA

South Hill, VA

Clarksville, VA

COUNTIES

Brunswick County, VA

Charlotte County, VA

Greensville County, VA

Henry County, VA

Halifax County, VA

Lunenburg County, VA

Mecklenburg County, VA

Pittsylvania County, VA

VIRGINIA MOUNTAINS REGION to include:

CITIES & TOWNS

Bedford, VA

Buchanan, VA

Clifton Forge, VA

Covington, VA

Fincastle, VA

Hot Springs, VA

New Castle, VA

Roanoke, VA

Rocky Mount, VA

Salem, VA

Troutville, VA

Vinton, VA

Warm Springs, VA

COUNTIES

Alleghany County, VA

Bath County, VA

Bedford County, VA

Botetourt County, VA

Craig County, VA

Franklin County, VA

Highland County, VA

Roanoke County, VA

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

AMENDMENT NO. FOUR

SCHOOL DISTRICTS to include:

Accomack County Public Schools, VA

Albemarle County Public Schools, VA

Alexandria City Public Schools, VA

Alleghany County Public Schools, VA

Amelia County Public Schools, VA

Amherst County Public Schools, VA

Appomattox County Public Schools, VA

Arlington Public Schools, VA

Augusta County Public Schools, VA

Bath County Public Schools, VA

Bedford City Public Schools, VA

Bedford County Public Schools, VA

Bland County Public Schools, VA

Botetourt County Public Schools, VA

Bristol Public Schools, VA

Brunswick County Public Schools, VA

Buchanan County Public Schools, VA

Buckingham County Public Schools, VA

Buena Vista City Public Schools, VA

Campbell County Public Schools, VA

Caroline County Public Schools, VA

Carroll County Public Schools, VA

Charles City County Public Schools, VA

Lunenburg County Public Schools, VA

Lynchburg City Public Schools,

VA

Madison County Public Schools,

Manassas City Public Schools,

Manassas Park City Public Schools, VA

Martinsville City Public Schools, VA

Mathews County Public Schools,

Mecklenburg County Public Schools, VA

Middlesex County Public Schools, VA

Montgomery County Public Schools, VA

Nelson County Public Schools,

New Kent County Public Schools, VA

Newport News Public Schools,

Norfolk Public Schools, VA

Northampton County Public Schools, VA

Northumberland County Public Schools, VA

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

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Norton City Schools, VA Charlotte County Public Schools, VA Nottoway County Public Schools, Charlottesville City Schools, VA Chesapeake Public Schools, VA Orange County Public Schools, Chesterfield County Public Schools, VA Page County Public Schools, VA Clarke County Public Schools, VA Patrick County Public Schools, Colonial Beach Public Schools, VA Colonial Heights Public Schools, VA Petersburg City Public Schools, Covington City Public Schools, VA Pittsylvania County Public Craig County Public Schools, VA Schools, VA Culpeper County Public Schools, VA Poquoson City Public Schools, Cumberland County Public Schools, VA Portsmouth Public Schools, VA Danville Public Schools, VA Powhatan County Public Dickenson County Public Schools, VA Schools, VA Dinwiddie County Public Schools, VA Prince Edward County Public Schools, VA Essex County Public Schools, VA Prince George County Public Fairfax County Public Schools, VA Schools, VA Falls Church City Public Schools, VA Prince William County Public Schools, VA Fauquier County Public Schools, VA Pulaski County Public Schools, Floyd County Public Schools, VA Radford City Schools, VA Fluvanna County Public Schools, VA Rappahannock County Public Franklin City Public Schools, VA Schools, VA Franklin County Public Schools, VA Richmond County Public Schools, VA Frederick County Public Schools, VA

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

Fredericksburg City Schools, VA

Richmond Public Schools, VA

Roanoke City Public Schools, VA Galax City Public Schools, VA Giles County Public Schools, VA Roanoke County Public Schools, Gloucester County Public Schools, VA Rockbridge County Public Schools, VA Goochland County Public Schools, VA Rockingham County Public Grayson County Public Schools, VA Schools, VA Greene County Public Schools, VA Russell County Public Schools, Greensville County Public Schools, VA Salem City Schools, VA Halifax County Public Schools, VA Scott County Public Schools, VA Hampton City Schools, VA Shenandoah County Public Hanover County Public Schools, VA Schools, VA Harrisonburg City Public Schools, VA Smyth County Public Schools, Henrico County Public Schools, VA Southampton County Public Henry County Public Schools, VA Schools, VA Highland County Public Schools, VA Spotsylvania County Public Schools, VA Hopewell City Public Schools, VA Stafford County Public Schools, Isle of Wight County Public Schools, VA ŸΑ King and Queen County Public Schools, VA Staunton City Public Schools, VA King George County Public Schools, VA Suffolk Public Schools, VA King William County Public Schools, VA Surry County Public Schools, VA Lancaster County Public Schools, VA Sussex County Public Schools, Lee County Public Schools, VA Tazewell County Public Schools, Lexington City Schools, VA Virginia Beach City Public Loudoun County Public Schools, VA Schools, VA

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

Louisa County Public Schools, VA

Washington County Public Schools, VA

Waynesboro Public Schools, VA

Westmoreland County Public Schools, VA

West Point Public Schools, VA

Williamsburg-James City County Public Schools, VA

Warren County Public Schools, VA

Winchester Public Schools, VA

Wise County Public Schools, VA

Wythe County Public Schools,

York County School Division, VA

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

BY: Zutl Velay	REVIEWED BY FINANCE DIRECTOR 4/22/2/
Jonathan Delagrave Racine County Executive	Sign Date
DATE: 4-27-2021	Date 4.23.202. Certified to be correct as to form
BY: Weldy A. Courtera Wendy M. Christensen Racine County Clerk	By
DATE: 4/27/2021	
GARLAND/DBS Inc. BY: 24 /22 / 202 DATE: 04 /22 / 202	
COMP A PEOCACTANTE	

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

CONTROLLER

AMENDMENT NO. FIVE (5)

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

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

FEMA SPECIAL CONDITIONS

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

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

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

Conflicts of Interest

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

Contractor Integrity

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

Public Policy

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

a. Equal opportunity and nondiscrimination laws

b. Five affirmative steps described at 2 C.F.R. § 200.321(b) for all subcontracting under contracts supported by FEMA financial assistance; and FEMA Procurement Guidance June 21, 2016 Page IV- 7

c. Applicable prevailing wage laws, regulations, and executive orders

Affirmative Steps

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

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

Prevailing Wage Requirements

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

Federal Requirements

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

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

1. REMEDIES

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

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

2. TERMINATION FOR CAUSE AND CONVENIENCE

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

3. EQUAL EMPLOYMENT OPPORTUNITY

When applicable:

- a. <u>Standard</u>. Except as otherwise provided under 41 C.F.R. Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R.
 - § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. § 60- 1.4(b), in accordance with Executive Order 11246, Equal Employment Opportunity (30 Fed. Reg. 12319, 12935, 3 C.F.R. Part, 1964-1965 Comp., p.
 - 339), as amended by Executive Order 11375, Amending Executive Order 11246 Relating to Equal Employment Opportunity, and implementing regulations at 41
 - C.F.R. Part 60 (Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor), See 2 C.F.R. Part 200, Appendix II(C).

b. Key Definitions.

- i. Federally Assisted Construction Contract. The regulation at 41 C.F.R. § 601.3 defines a "federally assisted construction contract" as any agreement or modification thereof
 between any applicant and a person for construction work which is paid for in whole or in part with
 funds obtained from the Government or borrowed on the credit of the Government pursuant to
 any Federal program involving a grant, contract, loan, insurance, or guarantee, or undertaken
 pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, or
 any application or modification thereof approved by the Government for a grant, contract, loan,
 insurance, or guarantee under which the applicant itself participates in the construction work.
- ii. Construction Work. The regulation at 41 C.F.R. § 60-1.3 defines "construction work" as the construction, rehabilitation, alteration, conversion, extension, demolition or repair of buildings, highways, or other changes or improvements to real property, including facilities providing utility services. The term also includes the supervision, inspection, and other onsite functions incidental to the actual construction.
- c. Applicability. This requirement applies to all FEMA grant and cooperative agreement programs.
- d. Required Language. The regulation at 41 C.F.R. Part 60-1.4(b) requires the insertion of the following contract clause.

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

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

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

- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- (4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor

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

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

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

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

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

4. DAVIS-BACON ACT

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

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

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

<u>Suggested Language</u>. The following provides a sample contract clause: <u>Compliance with the</u>

Davis-Bacon Act.

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

5. COPELAND ANTI-KICKBACK ACT

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

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

Sample Language. The following provides a sample contract clause:

Compliance with the Copeland "Anti-Kickback" Act.

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

6. CONTRACT WORK HOURS AND SAFETY STANDARDSACT

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

Compliance with the Contract Work Hours and Safety Standards Act.

- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) Violation; liability for unpaid wagas; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. The Federal agency or loan/grant recipient shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

7. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT ORAGREEMENT

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

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

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

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

Clean Air Act

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

Federal Water Pollution Control Act

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

9. DEBARMENT AND SUSPENSION

a. <u>Standard</u>. Non-Federal entities and contractors are subject to the debarment and suspension regulations implementing Executive Order 12549, *Debarment and Suspension* (1986) and Executive Order 12689, *Debarment and Suspension* (1989) at 2 C.F.R. Part 180 and the Department of Homeland Security's regulations at 2 C.F.R. Part 3000 (Non-procurement Debarment and Suspension).

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

agreement programs.

c. Requirements.

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

Suspension and Debarment

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

- C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- (2) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- (3) This certification is a material representation of fact relied upon by the Participating Public Agency. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the Participating Public Agency, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

10. BYRD ANTI-LOBBYING AMENDMENT

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

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

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

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

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

Certification for Contracts, Grants, Loans, and Cooperative Agreements

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

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

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

The Contractor, statement of its certification and	disclosure, if any. In addition, the	he truthfulness and e Contractor unders	accuracy of each stands and agrees
that the provisions of 31 U.S.C.O 38, Administrative Remedies f disclosure, if any.	ਗਬਸ. or False Claims and Stateme	ents, apply to this	certification and
Signature of Contractor's Author	—. izad Official Name and Title of	Contractor's Autho	rized Official Date

11. PROCUREMENT OF RECOVERED MATERIALS

- a <u>Standard</u>. A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. <u>See</u> 2 C.F.R. Part 200, Appendix II(J); and 2 C.F.R. § 200.322.
- b. <u>Applicability</u>. This requirement applies to all contracts awarded by a non- federal entity under FEMA grant and cooperative agreement programs.
- c. Requirements. The requirements of Section 6002 include procuring only items designated in guidelines of the EPA at 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired by the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

d. Suggested Language.

- In the performance of this contract, the Contractor shall makemaximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—
 - 1. Competitively within a timeframe providing forcompliance with the contract performance schedule;
 - 2. Meeting contract performance requirements; or
 - 3. At a reasonable price.
- ii. Information about this requirement, along with the list of EPA- designated items, is available at EPA's Comprehensive Procurement Guidelines web site, https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program.
- iii. The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act."

12. ACCESS TO RECORDS

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

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

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

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

13. CHANGES

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

14. DHS SEAL, LOGO, AND FLAGS

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

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

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

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

16. NO OBLIGATION BY FEDERAL GOVERNMENT

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

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

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

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

- a. Applicability: This requirement applies to all FEMA grant and cooperative agreement programs.
- b. Contracts and subgrants expending Federal loan or grant funds shall not: (i) procure or obtain; (ii) extend or renew a contract to procure or obtain; or (iii) enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. See 2 C.F.R. Part 200, Appendix II, ¶
- c. As described in Public Law 115-232, section 889, covered telecommunications equipment under 2 C.F.R. § 200,216 include:

i. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

ii. For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

iii. Telecommunications or video surveillance services provided by such entities or using

such equipment.

iv. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

19. DOMESTIC PREFERENCES FOR PROCUREMENTS

- a. Applicability: This requirement applies to all FEMA grant and cooperative agreement programs.
- b. Contracts and purchase orders for work or products under a subaward must include a provision that requires the non- Federal entity to provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). See 2 C.F.R. Part 200, Appendix II, ¶ L.

i. "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of

coatings, occurred in the United States.

"Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

section of this solicitation. Contractor's Name: Address, City, State, and Zip Code: Phone Number: Fax Number: Printed Name and Title of Authorized Representative: **Email Address:** Signature of Authorized Representative: Date: ALL OTHER PROVISIONS OF THE CONTRACT SHALL REMAIN IN THEIR ENTIRETY. RACINE COUNT REVIEWED BY FINANCE DIRECTOR BY: Jonathan Delagrave Racine County Executive 8-31-2021 DATE: 8-31-2021 Date Certified to be correct as to form BY: Wendy M. Christensen Racine County Clerk Racine County Corporation Counsel DATE: GARLAND/DBS Inc. Racine County Clerk

Contractor agrees to comply with all terms and conditions outlined in the FEMA Special Conditions

DATE:

AMENDMENT NO. SIX (6)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

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

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

2. PRICE:

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

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

ALL OTHER PROVISIONS OF THE COM	NTRACT SHALL REMAIN IN THEIR ENTIRETY.
BY: Jonathan Delagrave Racine County Executive	REVIEWED BY FINANCE DIRECTOR Sign Date
BY: Wendy M. Christensen Racine County Clerk	Date 63.16.2022 Certified to be correct as to form By Racine County Corporation Coursel
DATE: 3/21/22	Theorie South Carporation Course
GARLAND/DBS Inc. BY: A. A. Orlaschio DATE: 3/15/2022 Allan A. Orlacchio President	

AMENDMENT NO. SEVEN (7)

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

The Parties hereby agree to amend the Contract as follows:

1. **WORK:**

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

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

2. PRICE:

The County agrees to the revised prices.

Details are located in Attachment A.

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

RACINE COUNTY Docusigned by:	
BY: Jonathan Delagrave Jonathan Delagrave Racine County Executive	DocuSigned by: Jum Jumu 14A5552654004D4
DATE: 8/23/2022	8/23/2022
BY: Wenty Unistensen Wently M. Christensen Racine County Clerk	Docusigned by: Michael J. Lanzdorf
DATE:	36F9231CFBA8401 8/23/2022
GARLAND/DBS Inc. BY: 8/23/2022 DocuSigned by: What Lamburt SECF5765BFFF47E	, , ,
DATE: 8/23/2022	

AMENDMENT NO. EIGHT (8)

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

The Parties hereby agree to amend the Contract as follows:

1. **WORK:**

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

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

2. PRICE:

The County agrees to the revised prices.

Details are located in Attachment A.

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

RACINE COUNTY	
BY: Jonathan Delagrave	DocuSigned by:
Jonathan Delagrave Racine County Executi 1/18/2023	Ve Symbo - 14A5552654004D4
DATE:	1/13/2023
BY: Wendy Christens	
Wendy M. Christensen Racine County Clerk	Docusigned by: Michael Lawydorf
DATE: 1/18/2023	36F9231CFBA8401
GARLAND/DBS In C. DocuSigned by: BY: 5E6F5705BFF1	= 1/17/2023 nbert
DATE: 1/13/2023	

AMENDMENT NO. NINE (9)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

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

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

2. SERVICES AND PRICING:

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

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

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

RACINE COUNTY DocuSigned by:	
BY: Jonathan Delagrave Jonathan Delagrave Racine County Executive	Docusigned by: Michael Lawydor 36F9231CFBA8401
DATE: 9/11/2023	9/11/2023
BY: Wendy Wendy Whistensen Racine County Clerk	DocuSigned by:
DATE:	9/7/2023

GARLAND/DBS Inc.

DATE: 5-4-23

AMENDMENT NO. TEN (10)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

- a) To modify pricing as necessary to account for market changes, wage increases, material price increases, supply chain issues, logistic issues, oil prices, inflation, and product line increases.
- b) To add new product offerings under the Garland Company brand name Wise Product Group.

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

2. SERVICES AND PRICING:

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

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

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

RACINE COUNTY DocuSigned by:	
BY: <u>Jonathan Pelagrave</u> Jonathan Delagrave Racine County Executive	— DecuSigned by
DATE: 12/18/2023 BY: Wendy Unistrusur Wendy Maistensen	Docusigned by: Michael Lawydorf 36F9231CFBA8401 12/14/2023
Racine County Clerk	
DATE:	DocuSigned by: Symple
GARLAND/DBS Inc. DocuSigned by: By	14A5552654004D4 12/14/2023

Racine County Contract & Contract Amendment Form

Attach one copy of the contract to be filed. Attach more copies if required by vendor. Signed by vendor: ■ Yes □ No □ DocuSign Amendment: ■ Yes □ No Munis Contract #: 1718 □ Non Encumber Expense □ Encumber Expense □ HSD PO Expense ■ Revenue Contract Type Vendor Name: GARLAND/DBS 6557 Vendor/Customer #: Full Address: 3800 EAST 91ST ST CLEVELAND OH 44105 **FINANCE** Department: Sub Department: AMENDMENT 5 YEAR EXTENSION ROOFING SUPPLIES AND SERVICES Brief Description of Services: **Duane McKinney** 6750dmckinne Contact Munis ID: Contact/administrator: 10/15/2019 10/14/2029 Contract Start: Contract End: If this is a multi year contract - Committee and County Board authorization is needed before the contract can be processed. By completing this form, Procurement Policy has been followed. **Accounts Information** Account Name: Account Number Amended Amount **New Contract Amount** Year 13500000.400000 \$ 0.00 If additional account lines are necessary, attach a schedule. Total: Have you read the agreement: ■ Yes □ No Do you understand & agree with the Terms: ■ Yes □ No Are there things that you think should be changed in this Contract: ☐ Yes ■ No If yes, please attach a memo stating the changes you think should be made. ☐ Yes ■ No Was a resolution passed to authorize the original contract: If yes, indicate the resolution number: (attach a copy of the resolution) ☐ Yes ■ No Is there a required signature date: If yes, what date: Corp Counsel Stamp: County Clerk Stamp:

BY:

DATE:

5E6F57C5BFFF47E... 12/28/2023

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

AMENDMENT NO. ELEVEN (11)

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

The Parties hereby agree to amend the Contract as follows:

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

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

RACINE COUNTY DocuSigned by:	
BY: Jonathan Delagrave Jonathan Delagrave Racine County Executive	DocuSigned by:
DATE:	Michael Lanzdor 36F9231CFBA8401
BY: Wendy Unistensen Wendy M. Christensen	1/2/2024
Racine County Clerk	DocuSigned by:
DATE:	Eristopher Dement 9C4D377C9A344FA 12/28/2023
GARLAND/DBS Inc.	

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

AMENDMENT NO. TWELVE (12)

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

The Parties hereby agree to amend the Contract as follows:

1. WORK:

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

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

2. PRICING:

DATE:7/25/2024

-5E6E57C5BEEE47E

The County agrees to the revised pricing and format.

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

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

RACINE COUNTY DocuSigned by: BY: Thomas Remmouse Racine County Executive Michael Lanzdort 36F9231CFBA8401. DATE: 7/25/2024 7/25/2024 DocuSigned by: BY: Racine County Clerk 7/25/2024 DATE: 7/25/2024 GARLAND/DBS in Cousigned by BY:

Racine County Contract & Contract Amendment Form

Attach one copy of the contract to be filed. Attach more copies if required by vendor.

Munis Contract #:	1718			Amendme	nt: 🖪 Yes	□ No)	Signed by ve	endor:	■ Yes □ No □	☐ DocuSigr
Contract Type	☐ Non En	cumber Ex	⊲pense □	Encumber Ex	pense □ H	SD PO	Expense	e 🖪 Revenue			
Vendor/Customer #:	6557										
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Department:	FINANC	Œ	T GII 7 KC	M C33.							_
-		AMENDMENT DOOFING CURRILIES AND CERVICES									
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Contact/administrator	-		MCKIIII				Contact 10/14/	Munis ID:	6750dmckinne		
Contract Start:	10/15/2	019		Contr	act End:	_	10/14/	2029			
If this is	s a multi year			e and County B					tract can l	be processed.	
		•	y complet	ing this form, P	rocurement i	Policy na	as been i	ollowed.			
Accounts Information Account Name			Ac	count Numbe	r	<u> </u>	Ameno	ded Amount	New C	Contract Amount	Year
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Have you read the ag	greement:		🖪 Yes	□ No	Do you	unders	stand &	agree with th	e Terms	: Yes 🗆	No
Are there things that If yes, please attach a me	-		•			[□ Yes	No			
Was a resolution pas	sed to auth	orize the	original c	ontract:	☐ Yes	■ No)				
If yes, indicate the resolution number:		mber:	2019-42		(6	(attach a copy of the resolution)					
Is there a required signature date:		e:	☐ Yes ☐ No If yes, wha		at date:						
											-
Corp Counsel Stamp	:				County	Clerk S	Stamp:				
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ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES CONTRACT 2019

AMENDMENT NO. THIRTEEN (13)

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

The Parties hereby agree to amend the Contract as follows:

1. **WORK:**

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

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

2. PRICING:

The County agrees to the revised pricing and format.

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

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

RACINE COUNTY DocuSigned by:	
BY: Thomas Pondouse Thomas Roadinse Interim Racine County Executive	Docusigned by: Michael Lawydon
DATE:	36F9231CFBA8401 12/20/2024
BY: <u>Wundy (luristunsun</u> W endy M ≫®heistensen Racine County Clerk	Docusigned by:
DATE:	12/20/2024
GARLAND/DBS Inc. DocuSigned by:	
BY: <u>Brian Lambert</u> 5E6F57C5BFFF47E	
DATE: 12/20/2024	

Public Works & Development Services



14200 Washington Avenue Sturtevant, WI 53177 262-886-8440 fax: 262-886-8480

Finance Department

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

August 7, 2019

Dear Prospective Bidder:

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

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

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

Duane McKinney, Purchasing Coordinator

Telephone: 262-636-3700

<u>Duane.McKinney@racinecounty</u>.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

Public Works & Development Services

Racine County
WISCONSIN

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: <u>Duane.McKinney@racinecounty.com</u>

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:

FO: 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.
- 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.

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.

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:

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

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

Project Number	Bond	Initial Contr Amount	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:		<u>-</u>		
	SIGNATURE:				
	TITLE:				
	ADDRESS:				
	CITY/STATE/ZIP:				
	TELEPHONE:	_ FAX:			
	E-MAIL:	_ DATE:			
	Bidder herein acknowledges receipt of the following:				
Adder	ndum 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

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 setup, 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



ADMINISTRATION AGREEMENT

This ADMINISTRATION AGREEMENT (" <u>Agreement</u> ") is made as of, by an between National Intergovernmental Purchasing Alliance Company, a Delaware corporation d/b/a OMNIA Partners, Public Sector (" <u>OMNIA Partners, Public Sector"</u>) and(" <u>Supplier</u> ").	ıd
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");	f,
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 upor 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 Po Agency and other lead public agencies in connection with other master agreements offered by OMNIA Partners Public Sector;	ublic
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.

OMNIA Partners Public Sector and Supplier hereby agree as follows:

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement,

ARTICLE I

GENERAL TERMS AND CONDITIONS

- 1.1 The Master Intergovernmental Cooperative Purchasing Agreement ("<u>Master Agreement</u>"), attached hereto as <u>Exhibit A</u> and incorporated herein by reference as though fully set forth herein, and the terms and conditions contained therein shall apply to this Agreement except as expressly changed or modified by this Agreement.
- 1.2 OMNIA Partners Public Sector shall be afforded all of the rights and privileges afforded to Lead Public Agency under the Master Agreement, and such rights and privileges shall accrue and apply with equal effect to OMNIA Partners Public Sector under this Agreement including, without limitation, Supplier's obligation to provide insurance to Lead Public Agency.
- 1.3 Supplier shall perform all duties, responsibilities and obligations required under the Master Agreement.
- 1.4 OMNIA Partners Public Sector shall perform all of its duties, responsibilities and obligations as administrator of purchases under the Master Agreement as set forth herein, and Supplier acknowledges that OMNIA Partners Public Sector shall act in the capacity of administrator of purchases under the Master Agreement.
- 1.5 With respect to any purchases made by Lead Public Agency or any Participating Public Agency pursuant to the Master Agreement, OMNIA Partners Public Sector:
- (a) shall not be construed as a dealer, re-marketer, representative, partner, or agent of any type of Supplier, Lead Public Agency or such Participating Public Agency;
- (b) shall not be obligated, liable or responsible (i) for any orders made by Lead Public Agency, any Participating Public Agency or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement, or (ii) for any payments required to be made with respect to such order; and
- (c) shall not be obligated, liable or responsible for any failure by a Participating Public Agency to (i) comply with procedures or requirements of applicable law or ordinance, or (ii) obtain the due authorization and approval necessary to purchase under the Master Agreement.
- OMNIA Partners Public Sector makes no representations or guaranties with respect to any minimum purchases required to be made by Lead Public Agency, any Participating Public Agency, or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement.

ARTICLE II

TERM OF AGREEMENT

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

ARTICLE III

REPRESENTATIONS AND COVENANTS

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

3.2 OMNIA Partners Public Sector' Representations and Covenants.

- (a) <u>Marketing</u>. 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) <u>Training and Knowledge Management Support</u>. 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 "<u>Program Manager</u>" and collectively, the "<u>Program Managers</u>"), 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 <u>Supplier's Representations and Covenants</u>. 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 "<u>Supplier's Commitments</u>" 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) <u>Contracts Offering Lower Prices</u>. 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) <u>Deviating Buying Patterns</u>. 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) <u>Supplier's Options in Responding to a Third Party Procurement</u>
 <u>Solicitation</u>. 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) <u>Economy Commitment</u>. 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) <u>Sales Commitment</u>. 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, nontransferable, 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) <u>Branding and Logo Compliance</u>. 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) <u>Sales Force Training</u>. 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) <u>Participating Public Agency Access</u>. Supplier shall establish the following communication links to facilitate customer access and communication:
- (A) A dedicated OMNIA Partners Public Sector internet webbased homepage that is accessible from Supplier's homepage or main menu navigation containing:
 - (1) OMNIA Partners Public Sector standardlogo;
 - (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) <u>Electronic Registration</u>. 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) <u>Supplier's Performance Review</u>. 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 <u>Breach of Supplier's Representations and Covenants</u>. 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 <u>Indemnity</u>. 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 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

- 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 <u>Sales Reports.</u> 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 <u>Exhibit B</u>, summarizing all purchases made under the Master Agreement during such calendar month ("<u>Sales Report</u>"). 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 <u>Online Reporting</u>. 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 <u>Usage Reporting</u>. 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 <u>Entire Agreement</u>. 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) <u>Supplier</u>. 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) <u>OMNIA Partners Public Sector</u>. 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 <u>Notices</u>. 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 <u>Severability</u>. 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 <u>Waiver</u>. 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 <u>Counterparts</u>. 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 <u>Modifications</u>. This Agreement may not be effectively amended, changed, modified, altered or terminated without the prior written consent of the parties hereto.
- 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.
- 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 <u>Successors and Assigns</u>. 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
Ву
Name: Sarah E. Vavra
Title: Sr. Vice President, Public Sector Contracting
Date:
Supplier:
Ву
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 "<u>Master Agreements</u>" (herein so called) to provide a variety of goods, products and services ("<u>Products</u>") to the applicable Principal Procurement Agency and the Participating Public Agencies;

WHEREAS, Master Agreements are made available by Principal Procurement Agencies through the OMNIA Partners Parties and provide that Participating Public Agencies may purchase Products on the same terms, conditions and pricing as the Principal Procurement Agency, subject to any applicable federal and/or local purchasing ordinances and the laws of the State of purchase; and

WHEREAS, in addition to Master Agreements, the OMNIA Partners Parties may from time to time offer Participating Public Agencies the opportunity to acquire Products through other group purchasing agreements.

NOW, THEREFORE, in consideration of the mutual promises contained in this Agreement, and of the mutual benefits to result, the parties hereby agree as follows:

- 1. Each party will facilitate the cooperative procurement of Products.
- 2. The Participating Public Agencies shall procure Products in accordance with and subject to the relevant federal, state and local statutes, ordinances, rules and regulations that govern Participating Public Agency's procurement practices. The Participating Public Agencies hereby acknowledge and agree that it is the intent of the parties that all provisions of this Agreement and that Principal Procurement Agencies' participation in the program described herein comply with all applicable laws, including but not limited to the requirements of 42 C.F.R. § 1001.952(h), as may be amended from time to time. The Participating Public Agencies further acknowledge and agree that they are solely responsible for their compliance with all applicable "safe harbor" regulations,

including but not limited to any and all obligations to fully and accurately report discounts and incentives.

- 3. The Participating Public Agency represents and warrants that the Participating Public Agency is not a hospital or other healthcare provider and is not purchasing Products on behalf of a hospital or healthcare provider.
- 4. The cooperative use of Master Agreements shall be in accordance with the terms and conditions of the Master Agreements, except as modification of those terms and conditions is otherwise required by applicable federal, state or local law, policies or procedures.
- 5. The Principal Procurement Agencies will make available, upon reasonable request, Master Agreement information which may assist in improving the procurement of Products by the Participating Public Agencies.
- 6. The Participating Public Agency agrees the OMNIA Partners Parties may provide access to group purchasing organization ("GPO") agreements directly or indirectly by enrolling the Participating Public Agency in another GPO's purchasing program, including but not limited to Vizient Source, LLC, Provista, Inc. and other OMNIA Partners, Public Sector affiliates and subsidiaries; provided the purchase of Products through the OMNIA Partners Parties or any other GPO shall be at the Participating Public Agency's solediscretion.
- 7. The Participating Public Agencies (each a "<u>Procuring Party</u>") that procure Products through any Master Agreement or GPO Product supply agreement (each a "<u>GPO Contract</u>") will make timely payments to the distributor, manufacturer or other vendor (collectively, "<u>Supplier</u>") for Products received in accordance with the terms and conditions of the Master Agreement or GPO Contract, as applicable. Payment for Products and inspections and acceptance of Products ordered by the Procuring Party shall be the exclusive obligation of such Procuring Party. Disputes between Procuring Party and any Supplier shall be resolved in accordance with the law and venue rules of the State of purchase unless otherwise agreed to by the Procuring Party and Supplier.
- 8. The Procuring Party shall not use this Agreement as a method for obtaining additional concessions or reduced prices for purchase of similar products or services outside of the Master Agreement. Master Agreements may be structured with not-to-exceed pricing, in which cases the Supplier may offer the Procuring Party and the Procuring Party may accept lower pricing or additional concessions for purchase of Products through a Master Agreement.
- 9. The Procuring Party shall be responsible for the ordering of Products under this Agreement. A non-procuring party shall not be liable in any fashion for any violation by a Procuring Party, and, to the extent permitted by applicable law, the Procuring Party shall hold non-procuring party harmless from any liability that may arise from the acts or omissions of the Procuring Party.
- 10. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, THE OMNIA PARTNERS PARTIES EXPRESSLY DISCLAIM ALL EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES REGARDING ANY PRODUCT, MASTER AGREEMENT AND GPO CONTRACT. THE OMNIA PARTNERS PARTIES SHALL NOT BE LIABLE IN ANY WAY FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, EXEMPLARY, PUNITIVE, OR RELIANCE DAMAGES, EVEN IF THE OMNIA PARTNERS PARTIES ARE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. FURTHER, THE

PROCURING PARTY ACKNOWLEDGES AND AGREES THAT THE OMNIA PARTNERS PARTIES SHALL HAVE NO LIABILITY FOR ANY ACT OR OMISSION BY A SUPPLIER OR OTHER PARTY UNDER A MASTER AGREEMENT OR GPO CONTRACT.

- 11. This Agreement shall remain in effect until termination by either party giving thirty (30) days' written notice to the other party. The provisions of Paragraphs 6 10 hereof shall survive any such termination.
- 12. This Agreement shall take effect upon (i) execution of the Principal Procurement Agency Certificate, or (ii) registration on the OMNIA Partners, Public Sector website or the execution of this Agreement by a Participating Public Agency, as applicable.

OMNIA PARTNERS, PUBLIC SECTOR

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

EXHIBIT B

OMNIA PARTNERS CONTRACT SALES REPORTING TEMPLATE

	OMNIA PA								
	IIBIT C - CONTRACT				E				
	(to be submitted electron								
	NIA Partners Cor	itract S	ales Mo	onthly Repor	t				
Supplier Name:									
Contract Sales Report Month:									
Contract ID:									
Supplier Reporting Contact:									
Title:									
Phone:									
Email:									
								1	
Participating Agency Name	Address	City	State	Zip Code	Participating Agency # {Assigned by National IPA and provided to Supplier}	(Date of	Contract Sales for Month (\$)	Admin Fee %	Admin Fee \$
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			1			Ż			
					F Cumulative C	Report Totals ontract 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 Micropurchase.)

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
<u> </u>	•

(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 offero
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(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 incor	borated by reference nerein.
Does offeror agree to abide by the above?	'ESInitials of Authorized Representative of offeror
construction contracts in excess of \$2,0 with the Davis-Bacon Act (40 U.S.C. 3141 CFR Part 5, "Labor Standards Provis Construction"). In accordance with the st a rate not less than the prevailing way addition, contractors must be required to of the current prevailing wage determinati a contract or subcontract must be conditionable to contract or subcontract must be conditionable to the current prevailing wage determinational a contract or subcontract must be conditionable to report all suspected or reported viprovision for compliance with the Copel Labor regulations (29 CFR Part 3, "Contract or in Part by Loans or Grants from the Uprohibited from inducing, by any means, a give up any part of the compensation to suspected or reported violations to the Federal Rule (D) above, when	J.S.C. 3141-3148). When required by Federal program legislation, all prime 00 awarded by non-Federal entities must include a provision for compliance 3144, and 3146-3148) as supplemented by Department of Labor regulations (29 ions Applicable to Contracts Covering Federally Financed and Assisted atute, contractors must be required to pay wages to laborers and mechanics at ges specified in a wage determination made by the Secretary of Labor. In pay wages not less than once a week. The non-Federal entity must place a copy on issued by the Department of Labor in each solicitation. The decision to award ioned upon the acceptance of the wage determination. The non-Federal entity olations to the Federal awarding agency. The contracts must also include a and "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of actors and Subcontractors on Public Building or Public Work Financed in Whole Inited States"). The Act provides that each contractor or subrecipient must be any person employed in the construction, completion, or repair of public work, to which he or she is otherwise entitled. The non-Federal entity must report all deral awarding agency. a Participating Agency expends federal funds during the term of an award for all pair, offeror will be in compliance with all applicable Davis-Bacon Act provisions.
Does offeror agree? YES	Initials of Authorized Representative of offeror
non-Federal entity in excess of \$100,000 for compliance with 40 U.S.C. 3702 and 37 40 U.S.C. 3702 of the Act, each contracto basis of a standard work week of 40 hou worker is compensated at a rate of not les of 40 hours in the work week. The require laborer or mechanic must be required to work dangerous. These requirements do not the open market, or contracts for transport 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 t contracts by Participating Agency resulting from	ne Contract Work Hours and Safety Standards Act during the term of an award for all m this procurement process.
Does offeror agree? YES	Initials of Authorized Representative of offeror
agreement" under 37 CFR §401.2 (a) an business firm or nonprofit organization redevelopmental, or research work under requirements of 37 CFR Part 401, "Rights	Contract or Agreement. If the Federal award meets the definition of "funding d the recipient or subrecipient wishes to enter into a contract with a small garding the substitution of parties, assignment or performance of experimental, that "funding agreement," the recipient or subrecipient must comply with the to Inventions Made by Nonprofit Organizations and Small Business Firms Under trative Agreements," and any implementing regulations issued by the awarding
	deral funds are expended by Participating Agency, the offeror certifies that during the ting Agency resulting from this procurement process, the offeror agrees to comply with ederal Rule (F) above.
Does offeror agree? YES	Initials of Authorized Representative of offeror
Contracts and subgrants of amounts in exto agree to comply with all applicable stan 7671q) and the Federal Water Pollution Co	and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—acess of \$150,000 must contain a provision that requires the non-Federal award dards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-ntrol Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the al Office of the Environmental Protection Agency (EPA)
	deral funds are expended by Participating Agency, the offeror certifies that during the pating Agency member resulting from this procurement process, the offeror agrees referenced in Federal Rule (G) above.

Page 49 - Attachment B

Does offeror agree? YES	Initials of Authorized Representative of offeror		
(H) Debarment and Suspension (Executive Orders 12549 and made to parties listed on the government wide exclusions in the Executive Office of the President Office of Management a Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) a Suspension." SAM Exclusions contains the names of parties well as parties declared ineligible under statutory or regulators.	the System for Award Management (SAM), in accordance with and Budget (OMB) guidelines at 2 CFR 180 that implement and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and debarred, suspended, or otherwise excluded by agencies, as		
Pursuant to Federal Rule (H) above, when federal funds are expeterm of an award for all contracts by Participating Agency resulting it nor its principals is presently debarred, suspended, proposed participation by any federal department or agency. If at any time debarred, suspended, proposed for debarment, declared ineligible department or agency, the offeror will notify the Participating Agency.	ng from this procurement process, the offeror certifies that neither for debarment, declared ineligible, or voluntarily excluded from during the term of an award the offeror or its principals becomes gible, or voluntarily excluded from participation by any federal		
Does offeror agree? YES	Initials of Authorized Representative of offeror		
(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Continuate file the required certification. Each tier certifies to the tie funds to pay any person or organization for influencing or att member of Congress, officer or employee of Congress, or obtaining any Federal contract, grant or any other award colobbying with non-Federal funds that takes place in connection forwarded from tier to tier up to the non-Federal award.	er above that it will not and has not used Federal appropriated tempting to influence an officer or employee of any agency, a an employee of a member of Congress in connection with overed by 31 U.S.C. 1352. Each tier must also disclose any		
Pursuant to Federal Rule (I) above, when federal funds are expeterm and after the awarded term of an award for all contracts by offeror certifies that it is in compliance with all applicable provision undersigned further certifies that:	Participating Agency resulting from this procurement process, the		
(1) No Federal appropriated funds have been paid or will be paid attempting to influence an officer or employee of any agency, a employee of a Member of Congress in connection with the awardir of a Federal loan, the entering into a cooperative agreement, and of a Federal contract, grant, loan, or cooperative agreement.	Member of Congress, an officer or employee of congress, or an ng of a Federal contract, the making of a Federal grant, the making the extension, continuation, renewal, amendment, or modification		
(2) If any funds other than Federal appropriated funds have attempting to influence an officer or employee of any agency, a employee of a Member of Congress in connection with this Federal and submit Standard Form-LLL, "Disclosure Form to Report Lobby (3) The undersigned shall require that the language of this cert	a Member of Congress, an officer or employee of congress, or an all grant or cooperative agreement, the undersigned shall complete ying", in accordance with its instructions. iffication be included in the award documents for all covered sub-		
awards exceeding \$100,000 in Federal funds at all appropriate tier			
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 will comply with the mandatory standards and policies relating conservation plan issued in compliance with the Energy Policy and	to energy efficiency which are contained in the state energy		
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

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: _____ Fax Number: _____ Printed Name and Title of Authorized Representative:

Signature of Authorized Representative: _______Date: ______

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

OMNIA PARTNERS

EXHIBIT E

NEW JERSEY BUSINESS COMPLIANCE

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.

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:					
I	certify that I a	am the sole owner of			
	, certify that I c, that there are no p	eartners and the business is not			
incorporated, and the provision.	s of N.J.S. 52:25-24.2 do not app	ly.			
	OR:				
I	, a partner in_	, do hereby	,		
further certify that if one (1) or to forth the names and addresses of	more of the partners is itself a co	own a 10% or greater interest therein. I proportion or partnership, there is also set or more of that corporation's stock or the ership			
mairianai pariners owning 1076	OR:	ersnip.			
I		l representative of t the following is a list of the names and			
addresses of all stockholders in certify that if one (1) or more of forth the names and addresses of	the corporation who own 10% or such stockholders is itself a corp of the stockholders holding 10% o	r more of its stock of any class. I further poration or partnership, that there is also so or more of the corporation's stock or the	?t		
individual partners owning a 10	% or greater interest in that part	tnership.			
(Note: If there are no partners	or stockholders owning 10% o	or more interest, indicate none.)			
Name	Address	Interest			
I further certify that the stateme my knowledge and belief.	nts and information contained he	erein, are complete and correct to the best	of		
Data		Authorized Signature and Title			

NON-COLLUSION AFFIDAVIT

Company Name:			
Street:			
City, State, Zip Code:			
State of			
County of			
I,	of the	Ct.	
Name		City	
in the County of of full age, being du	ly sworn according to	, State of o law on my oath dep	ose and say that:
I am the	of th	ne firm of	
I am the	oj in Title	<u></u>	Company Name
bid/proposal, and that correct, and made with bid/proposal and in the goods, services or publ I further warrant that n such contract upon an	all statements contain full knowledge that e statements containe ic work. o person or selling as agreement or under	ned in said bid/proposited in said bid/propositelies upon the truthed in this affidavit in gency has been employstanding for a com	ding in connection with the above sal and in this affidavit are true and of the statements contained in said awarding the contract for the said oyed or retained to solicit or secure mission, percentage, brokerage or hed commercial or selling agencies
Company Name		Autho	orized Signature & Title
Subscribed and sworn b	pefore me		
this day of	, 20	_	
Notary Public of My commission expire			
My commission expire	S	, 20	SEAL

AFFIRMATIVE ACTION AFFIDAVIT (P.L. 1975, C.127)

Company Name:	
Street:	
City, State, Zip Code:	
Bid/Proposal Certification:	
	Jersey Affirmative Action regulations. Company's s not in compliance at this time. No contract and/or Affirmative Action requirements are met.
Required Affirmative Action Evidence:	
Procurement, Professional & Service Contracts (<u>Vendors must submit with bid/proposal:</u>	Exhibit A)
1. A photo copy of their <u>Federal Le</u>	etter of Affirmative Action Plan Approval
OR	
2. A photo copy of their <u>Certificate</u> OR	e of Employee Information Report
3. A complete Affirmative Action	Employee Information Report (AA302)
Public Work – Over \$50,000 Total Project Co	<u>st:</u>
A. No approved Federal or New Jersey Affirmat AA201-A upon receipt from the	ive Action Plan. We will complete Report Form
B. Approved Federal or New Jersey Plan – certif	ficate enclosed
I further certify that the statements and informathe the best of my knowledge and belief.	tion contained herein, are complete and correct to
	Authorized Signature and Title

DOC #3, continued

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 <u>Subchapter 10 of the Administrative Code (NJAC 17:27)</u>.

Signature of Procurement Agent	

C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM

Public Agency Instructions

This page provides guidance to public agencies entering into contracts with business entities that are required to file Political Contribution Disclosure forms with the agency. **It is not intended to be provided to contractors.** What follows are instructions on the use of form local units can provide to contractors that are required to disclose political contributions pursuant to N.J.S.A. 19:44A-20.26 (P.L. 2005, c. 271, s.2). Additional information on the process is available in Local Finance Notice 2006-1 (http://www.nj.gov/dca/divisions/dlgs/resources/lfns_2006.html). Please refer back to these instructions for the appropriate links, as the Local Finance Notices include links that are no longer operational.

- 1. The disclosure is required for all contracts in excess of \$17,500 that are **not awarded** pursuant to a "fair and open" process (N.J.S.A. 19:44A-20.7).
- 2. Due to the potential length of some contractor submissions, the public agency should consider allowing data to be submitted in electronic form (i.e., spreadsheet, pdf file, etc.). Submissions must be kept with the contract documents or in an appropriate computer file and be available for public access. The form is worded to accept this alternate submission. The text should be amended if electronic submission will not be allowed.
- 3. The submission must be **received from the contractor and** on file at least 10 days prior to award of the contract. Resolutions of award should reflect that the disclosure has been received and is on file.
- 4. The contractor must disclose contributions made to candidate and party committees covering a wide range of public agencies, including all public agencies that have elected officials in the county of the public agency, state legislative positions, and various state entities. The Division of Local Government Services recommends that contractors be provided a list of the affected agencies. This will assist contractors in determining the campaign and political committees of the officials and candidates affected by the disclosure.
 - a. The Division has prepared model disclosure forms for each county. They can be downloaded from the "County PCD Forms" link on the Pay-to-Play web site at http://www.nj.gov/dca/divisions/dlgs/programs/lpcl.html#12. They will be updated from time-to-time as necessary.
 - b. A public agency using these forms should edit them to properly reflect the correct legislative district(s). As the forms are county-based, they list all legislative districts in each county. Districts that do not represent the public agency should be removed from the lists.
 - c. Some contractors may find it easier to provide a single list that covers all contributions, regardless of the county. These submissions are appropriate and should be accepted.
 - d. The form may be used "as-is", subject to edits as described herein.
 - e. The "Contractor Instructions" sheet is intended to be provided with the form. It is recommended that the Instructions and the form be printed on the same piece of paper. The form notes that the Instructions are printed on the back of the form; where that is not the case, the text should be edited accordingly.
 - f. The form is a Word document and can be edited to meet local needs, and posted for download on web sites, used as an e-mail attachment, or provided as a printed document.
- 5. It is recommended that the contractor also complete a "Stockholder Disclosure Certification." This will assist the local unit in its obligation to ensure that contractor did not make any prohibited contributions to the committees listed on the Business Entity Disclosure Certification in the 12 months prior to the contract (See Local Finance Notice 2006-7 for additional information on this obligation at http://www.nj.gov/dca/divisions/dlgs/resources/lfns_2006.html). 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:
 - o of the public entity awarding the contract
 - o of that county in which that public entity is located
 - o of another public entity within that county
 - o 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	1			
Vendor Name:				
Address:		1 .		
City:	State:	Zip:		
The undersigned being authorized compliance with the provisions of accompanying this form.				
Signature	Printed Name	Title		
Part	II - Contrib	oution Dis	sclosure	ı
Disclosure requirement: Pursi political contributions (more the committees of the government)	than \$300 per election	n cycle) over th	e 12 months	prior to submission t
☐ Check here if disclosure is p		,		
Contributor Name	Recipient I	Name	Date	Dollar Amount
				\$
	on is continued on subse			

DOC #4, continued

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, CUSTOMI ZABLE FORM.

STOCKHOLDER DISCLOSURE CERTIFICATION

Name of Business:	
	low contains the names and home addresses of all stockholders of the issued and outstanding stock of the undersigned. OR
I certify that no one sto the undersigned.	ockholder owns 10% or more of the issued and outstanding stock of
Check the box that represen	ts the type of business organization:
Partnership	Corporation Sole Proprietorship
Limited Partnership	Limited Liability Corporation Limited Liability Partnership
Subchapter S Corporation	1
Sign and notarize the form b	elow, and, if necessary, complete the stockholder list below.
Stockholders:	
Name:	Name:
Home Address:	Home Address:
Name:	Name:
Home Address:	Home Address:
Name:	Name:
Home Address:	Home Address:
Subscribed and sworn before me this	day of,(Affiant)
(Notary Public)	
My Commission expires:	(Print name & title of affiant)
	(Corporate Seal)

Certification of Non-Involvement in Prohibited Activities in Iran

Pursuant to N.J.S.A. 52:32-58, Offerors must certify that neither the Offeror, nor any of its parents, subsidiaries, and/or affiliates (as defined in N.J.S.A. 52:32-56(e) (3)), is listed on the Department of the Treasury's List of Persons or Entities Engaging in Prohibited Investment Activities in Iran and that neither is involved in any of the investment activities set forth in N.J.S.A. 52:32-56(f).

Offerors wishing to do business in New Jersey through this contract must fill out the Certification of Non-Involvement in Prohibited Activities in Iran here: http://www.state.nj.us/humanservices/dfd/info/standard/fdc/disclosure_investmentact.pdf.

Offerors should submit the above form completed with their bid/proposal.

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	CITY AND COUNTY OF HONOLULU, HI
INCLUDING BUT NOT LIMITED TO:	CITY OF KENNER, LA
BAKER CITY GOLF COURSE, OR	CITY OF LA GRANDE, OR
CITY OF ADAIR VILLAGE, OR	CITY OF LAFAYETTE, LA
CITY OF ASHLAND, OR	CITY OF LAKE CHARLES, OR
CITY OF AUMSVILLE, OR	CITY OF LEBANON, OR
CITY OF AURORA, OR	CITY OF MCMINNVILLE, OR
CITY OF BAKER, OR	CITY OF MEDFORD, OR
CITY OF BATON ROUGE, LA	CITY OF METAIRIE, LA
CITY OF BEAVERTON, OR	CITY OF MILL CITY, OR
CITY OF BEND, OR	CITY OF MILWAUKIE, OR
CITY OF BOARDMAN, OR	CITY OF MONROE, LA
CITY OF BONANAZA, OR	CITY OF MOSIER, OR
CITY OF BOSSIER CITY, LA	CITY OF NEW ORLEANS, LA
CITY OF BROOKINGS, OR	CITY OF NORTH PLAINS, OR
CITY OF BURNS, OR	CITY OF OREGON CITY, OR
CITY OF CANBY, OR	CITY OF PILOT ROCK, OR
CITY OF CANYONVILLE, OR	CITY OF PORTLAND, OR
CITY OF CLATSKANIE, OR	CITY OF POWERS, OR
CITY OF COBURG, OR	CITY OF PRINEVILLE, OR
CITY OF CONDON, OR	CITY OF REDMOND, OR
CITY OF COQUILLE, OR	CITY OF REEDSPORT, OR
CITY OF CORVALLI, OR	CITY OF RIDDLE, OR
CITY OF CORVALLIS PARKS AND RECREATION	CITY OF ROGUE RIVER, OR
DEPARTMENT, OR	CITY OF ROSEBURG, OR
CITY OF COTTAGE GROVE, OR	CITY OF SALEM, OR
CITY OF DONALD, OR	CITY OF SANDY, OR
CITY OF EUGENE, OR	CITY OF SCAPPOOSE, OR
CITY OF FOREST GROVE, OR	CITY OF SHADY COVE, OR
CITY OF GOLD HILL, OR	CITY OF SHERWOOD, OR
CITY OF GRANTS PASS, OR	CITY OF SHREVEPORT, LA
CITY OF GRESHAM, OR	CITY OF SILVERTON, OR
CITY OF HILLSBORO, OR	CITY OF SPRINGFIELD, OR
CITY OF INDEPENDENCE, OR	CITY OF ST. HELENS, OR

CITY OF ST. PAUL, OR EPHRAIM, UT CITY OF SULPHUR, LA ESCALANTE, UT CITY OF TIGARD, OR EUREKA, UT CITY OF TROUTDALE, OR FAIRFIELD, UT CITY OF TUALATIN, OR FAIRVIEW, UT CITY OF WALKER, LA FARMINGTON, UT CITY OF WARRENTON, OR FARR WEST, UT CITY OF WEST LINN, OR FAYETTE, UT CITY OF WILSONVILLE, OR FERRON, UT CITY OF WINSTON, OR FIELDING, UT CITY OF WOODBURN, OR FILLMORE, UT LEAGUE OF OREGON CITES FOUNTAIN GREEN, UT THE CITY OF HAPPY VALLEY OREGON FRANCIS, UT FRUIT HEIGHTS, UT ALPINE, UT ALTA, UT GARDEN CITY, UT ALTAMONT, UT GARLAND, UT ALTON, UT GENOLA, UT AMALGA, UT GLENDALE, UT AMERICAN FORK CITY, UT GLENWOOD, UT ANNABELLA, UT GOSHEN, UT GRANTSVILLE, UT ANTIMONY, UT GREEN RIVER, UT APPLE VALLEY, UT AURORA, UT GUNNISON, UT BALLARD, UT HANKSVILLE, UT BEAR RIVER CITY, UT HARRISVILLE, UT BEAVER, UT HATCH, UT HEBER CITY CORPORATION, UT BICKNELL, UT BIG WATER, UT HELPER, UT HENEFER, UT BLANDING, UT HENRIEVILLE, UT BLUFFDALE, UT BOULDER, UT HERRIMAN, UT CITY OF BOUNTIFUL, UT HIDEOUT, UT BRIAN HEAD, UT HIGHLAND, UT BRIGHAM CITY CORPORATION, UT HILDALE, UT BRYCE CANYON CITY, UT HINCKLEY, UT CANNONVILLE, UT HOLDEN, UT CASTLE DALE, UT HOLLADAY, UT CASTLE VALLEY, UT HONEYVILLE, UT CITY OF CEDAR CITY, UT HOOPER, UT CEDAR FORT, UT HOWELL, UT CITY OF CEDAR HILLS, UT HUNTINGTON, UT CENTERFIELD, UT HUNTSVILLE, UT CENTERVILLE CITY CORPORATION, UT CITY OF HURRICANE, UT CENTRAL VALLEY, UT HYDE PARK, UT CHARLESTON, UT HYRUM, UT CIRCLEVILLE, UT INDEPENDENCE, UT CLARKSTON, UT IVINS, UT CLAWSON, UT JOSEPH, UT CLEARFIELD, UT JUNCTION, UT CLEVELAND, UT KAMAS, UT CLINTON CITY CORPORATION, UT KANAB, UT KANARRAVILLE, UT COALVILLE, UT CORINNE, UT KANOSH, UT CORNISH, UT KAYSVILLE, UT COTTONWOOD HEIGHTS, UT KINGSTON, UT DANIEL, UT KOOSHAREM, UT LAKETOWN, UT DELTA, UT DEWEYVILLE, UT LA VERKIN, UT DRAPER CITY, UT LAYTON, UT DUCHESNE, UT LEAMINGTON, UT EAGLE MOUNTAIN, UT LEEDS, UT EAST CARBON, UT LEHI CITY CORPORATION, UT ELK RIDGE, UT LEVAN, UT LEWISTON, UT ELMO, UT ELSINORE, UT LINDON, UT ELWOOD, UT LOA, UT EMERY, UT LOGAN CITY, UT

ENOCH, UT

ENTERPRISE, UT

LYMAN, UT

LYNNDYL, UT

SANDY, UT MANILA, UT MANTI, UT SANTA CLARA, UT MANTUA, UT SANTAQUIN, UT SARATOGA SPRINGS, UT MAPLETON, UT MARRIOTT-SLATERVILLE, UT SCIPIO, UT MARYSVALE, UT SCOFIELD, UT MAYFIELD, UT SIGURD, UT MEADOW, UT SMITHFIELD, UT MENDON, UT SNOWVILLE, UT MIDVALE CITY INC., UT CITY OF SOUTH JORDAN, UT MIDWAY, UT SOUTH OGDEN, UT MILFORD, UT CITY OF SOUTH SALT LAKE, UT MILLVILLE, UT SOUTH WEBER, UT SPANISH FORK, UT MINERSVILLE, UT MOAB, UT SPRING CITY, UT MONA, UT SPRINGDALE, UT MONROE, UT SPRINGVILLE, UT CITY OF MONTICELLO, UT STERLING, UT MORGAN, UT STOCKTON, UT MORONI, UT SUNNYSIDE, UT MOUNT PLEASANT, UT SUNSET CITY CORP, UT MURRAY CITY CORPORATION, UT SYRACUSE, UT MYTON, UT TABIONA, UT NAPLES, UT CITY OF TAYLORSVILLE, UT NEPHI, UT TOOELE CITY CORPORATION, UT NEW HARMONY, UT TOQUERVILLE, UT TORREY, UT NEWTON, UT NIBLEY, UT TREMONTON CITY, UT NORTH LOGAN, UT TRENTON, UT TROPIC, UT NORTH OGDEN, UT NORTH SALT LAKE CITY, UT UINTAH, UT OAK CITY, UT VERNAL CITY, UT OAKLEY, UT VERNON, UT OGDEN CITY CORPORATION, UT VINEYARD, UT VIRGIN, UT OPHIR, UT ORANGEVILLE, UT WALES, UT ORDERVILLE, UT WALLSBURG, UT OREM, UT WASHINGTON CITY, UT PANGUITCH, UT WASHINGTON TERRACE, UT PARADISE, UT WELLINGTON, UT PARAGONAH, UT WELLSVILLE, UT PARK CITY, UT WENDOVER, UT PAROWAN, UT WEST BOUNTIFUL, UT PAYSON, UT WEST HAVEN, UT PERRY, UT WEST JORDAN, UT PLAIN CITY, UT WEST POINT, UT PLEASANT GROVE CITY, UT WEST VALLEY CITY, UT PLEASANT VIEW, UT WILLARD, UT PLYMOUTH, UT WOODLAND HILLS, UT PORTAGE, UT WOODRUFF, UT PRICE, UT WOODS CROSS, UT PROVIDENCE, UT COUNTIES AND PARISHES INCLUDING BUT NOT PROVO, UT **LIMITED TO:** RANDOLPH, UT ASCENSION PARISH, LA REDMOND, UT RICHFIELD, UT ASCENSION PARISH, LA, CLEAR OF COURT RICHMOND, UT CADDO PARISH, LA RIVERDALE, UT CALCASIEU PARISH, LA RIVER HEIGHTS, UT CALCASIEU PARISH SHERIFF'S OFFICE, LA RIVERTON CITY, UT CITY AND COUNTY OF HONOLULU, HI ROCKVILLE, UT CLACKAMAS COUNTY, OR ROCKY RIDGE, UT CLACKAMAS COUNTY DEPT OF TRANSPORTATION,

ROOSEVELT CITY CORPORATION, UT ROY, UT

RUSH VALLEY, UT CITY OF ST. GEORGE, UT

SALEM, UT SALINA, UT

SALT LAKE CITY CORPORATION, UT

COOS COUNTY HIGHWAY DEPARTMENT, OR COUNTY OF HAWAII, OR

CROOK COUNTY, OR

CLATSOP COUNTY, OR COLUMBIA COUNTY, OR

COOS COUNTY, OR

OR

CROOK COUNTY ROAD DEPARTMENT, OR COUNTY OF DUCHESNE, UT CURRY COUNTY, OR COUNTY OF UINTAH, UT DESCHUTES COUNTY, OR COUNTY OF CARBON, UT DOUGLAS COUNTY, OR COUNTY OF SANPETE, UT EAST BATON ROUGE PARISH, LA COUNTY OF JUAB, UT GILLIAM COUNTY, OR COUNTY OF MILLARD, UT GRANT COUNTY, OR COUNTY OF SEVIER, UT HARNEY COUNTY, OR COUNTY OF EMERY, UT HARNEY COUNTY SHERIFFS OFFICE, OR COUNTY OF GRAND, UT HAWAII COUNTY, HI COUNTY OF BEVER, UT HOOD RIVER COUNTY, OR COUNTY OF PIUTE, UT JACKSON COUNTY, OR COUNTY OF WAYNE, UT JEFFERSON COUNTY, OR COUNTY OF SAN JUAN, UT JEFFERSON PARISH, LA COUNTY OF GARFIELD, UT JOSEPHINE COUNTY GOVERNMENT, OR COUNTY OF KANE, UT LAFAYETTE CONSOLIDATED GOVERNMENT, LA COUNTY OF IRON, UT LAFAYETTE PARISH, LA COUNTY OF WASHINGTON, UT LAFAYETTE PARISH CONVENTION & VISITORS OTHER AGENCIES INCLUDING ASSOCIATIONS, COMMISSION LAFOURCHE PARISH, LA BOARDS, DISTRICTS, COMMISSIONS, COUNCILS, KAUAI COUNTY, HI PUBLIC CORPORATIONS, PUBLIC DEVELOPMENT KLAMATH COUNTY, OR **AUTHORITIES, RESERVATIONS AND UTILITIES INCLUDING BUT NOT LIMITED TO:** LAKE COUNTY, OR LANE COUNTY, OR ADAIR R.F.P.D., OR ADEL WATER IMPROVEMENT DISTRICT, OR LINCOLN COUNTY, OR LINN COUNTY, OR ADRIAN R.F.P.D., OR LIVINGSTON PARISH, LA AGNESS COMMUNITY LIBRARY, OR AGNESS-ILLAHE R.F.P.D., OR MALHEUR COUNTY, OR AGRICULTURE EDUCATION SERVICE EXTENSION MAUI COUNTY, HI MARION COUNTY, SALEM, OR DISTRICT, OR ALDER CREEK-BARLOW WATER DISTRICT NO. 29, MORROW COUNTY, OR MULTNOMAH COUNTY, OR MULTNOMAH COUNTY BUSINESS AND ALFALFA FIRE DISTRICT, OR COMMUNITY SERVICES, OR ALSEA R.F.P.D., OR MULTNOMAH COUNTY SHERIFFS OFFICE, OR ALSEA RIVIERA WATER IMPROVEMENT DISTRICT, MULTNOMAH LAW LIBRARY, OR AMITY FIRE DISTRICT, OR ORLEANS PARISH, LA PLAQUEMINES PARISH, LA ANTELOPE MEADOWS SPECIAL ROAD DISTRICT, OR POLK COUNTY, OR APPLE ROGUE DISTRICT IMPROVEMENT COMPANY, RAPIDES PARISH, LA SAINT CHARLES PARISH, LA APPLEGATE VALLEY R.F.P.D. #9, OR SAINT CHARLES PARISH PUBLIC SCHOOLS, LA ARCH CAPE DOMESTIC WATER SUPPLY DISTRICT, SAINT LANDRY PARISH, LA ARCH CAPE SANITARY DISTRICT, OR SAINT TAMMANY PARISH, LA SHERMAN COUNTY, OR ARNOLD IRRIGATION DISTRICT, OR TERREBONNE PARISH, LA ASH CREEK WATER CONTROL DISTRICT, OR TILLAMOOK COUNTY, OR ATHENA CEMETERY MAINTENANCE DISTRICT, OR TILLAMOOK COUNTY SHERIFF'S OFFICE, OR AUMSVILLE R.F.P.D., OR TILLAMOOK COUNTY GENERAL HOSPITAL, OR AURORA R.F.P.D., OR UMATILLA COUNTY, OR AZALEA R.F.P.D., OR UNION COUNTY, OR BADGER IMPROVEMENT DISTRICT, OR WALLOWA COUNTY, OR BAILEY-SPENCER R.F.P.D., OR WASCO COUNTY, OR BAKER COUNTY LIBRARY DISTRICT, OR WASHINGTON COUNTY, OR BAKER R.F.P.D., OR WEST BATON ROUGE PARISH, LA BAKER RIVERTON ROAD DISTRICT, OR BAKER VALLEY IRRIGATION DISTRICT, OR WHEELER COUNTY, OR YAMHILL COUNTY, OR BAKER VALLEY S.W.C.D., OR COUNTY OF BOX ELDER, UT BAKER VALLEY VECTOR CONTROL DISTRICT, OR COUNTY OF CACHE, UT BANDON CRANBERRY WATER CONTROL DISTRICT, COUNTY OF RICH, UT OR BANDON R.F.P.D., OR COUNTY OF WEBER, UT BANKS FIRE DISTRICT, OR COUNTY OF MORGAN, UT COUNTY OF DAVIS, UT BANKS FIRE DISTRICT #13, OR COUNTY OF SUMMIT, UT BAR L RANCH ROAD DISTRICT, OR BARLOW WATER IMPROVEMENT DISTRICT, OR COUNTY OF DAGGETT, UT COUNTY OF SALT LAKE, UT BASIN AMBULANCE SERVICE DISTRICT, OR COUNTY OF TOOELE, UT BASIN TRANSIT SERVICE TRANSPORTATION COUNTY OF UTAH, UT DISTRICT, OR BATON ROUGE WATER COMPANY COUNTY OF WASATCH, UT

BAY AREA HEALTH DISTRICT, OR CASCADE VIEW ESTATES TRACT 2, OR BAYSHORE SPECIAL ROAD DISTRICT, OR CEDAR CREST SPECIAL ROAD DISTRICT, OR BEAR VALLEY SPECIAL ROAD DISTRICT, OR CEDAR TRAILS SPECIAL ROAD DISTRICT, OR BEAVER CREEK WATER CONTROL DISTRICT, OR CEDAR VALLEY - NORTH BANK R.F.P.D., OR BEAVER DRAINAGE IMPROVEMENT COMPANY, CENTRAL CASCADES FIRE AND EMS, OR CENTRAL CITY ECONOMIC OPPORTUNITY CORP. LA INC., OR BEAVER SLOUGH DRAINAGE DISTRICT, OR CENTRAL LINCOLN P.U.D., OR BEAVER SPECIAL ROAD DISTRICT, OR CENTRAL OREGON COAST FIRE & RESCUE BEAVER WATER DISTRICT, OR DISTRICT, OR BELLE MER S.I.G.L. TRACTS SPECIAL ROAD CENTRAL OREGON INTERGOVERNMENTAL DISTRICT, OR COUNCIL BEND METRO PARK AND RECREATION DISTRICT CENTRAL OREGON IRRIGATION DISTRICT, OR CHAPARRAL WATER CONTROL DISTRICT, OR BENTON S.W.C.D., OR BERNDT SUBDIVISION WATER IMPROVEMENT CHARLESTON FIRE DISTRICT, OR CHARLESTON SANITARY DISTRICT, OR DISTRICT, OR BEVERLY BEACH WATER DISTRICT, OR CHARLOTTE ANN WATER DISTRICT, OR BIENVILLE PARISH FIRE PROTECTION DISTRICT 6, CHEHALEM PARK & RECREATION DISTRICT, OR CHEHALEM PARK AND RECREATION DISTRICT LA BIG BEND IRRIGATION DISTRICT, OR CHEMULT R.F.P.D., OR CHENOWITH WATER P.U.D., OR BIGGS SERVICE DISTRICT, OR BLACK BUTTE RANCH DEPARTMENT OF POLICE CHERRIOTS, OR SERVICES, OR CHETCO COMMUNITY PUBLIC LIBRARY DISTRICT, BLACK BUTTE RANCH R.F.P.D., OR BLACK MOUNTAIN WATER DISTRICT, OR CHILOQUIN VECTOR CONTROL DISTRICT, OR BLODGETT-SUMMIT R.F.P.D., OR CHILOQUIN-AGENCY LAKE R.F.P.D., OR BLUE MOUNTAIN HOSPITAL DISTRICT, OR CHINOOK DRIVE SPECIAL ROAD DISTRICT, OR CHR DISTRICT IMPROVEMENT COMPANY, OR BLUE MOUNTAIN TRANSLATOR DISTRICT, OR CHRISTMAS VALLEY DOMESTIC WATER DISTRICT, BLUE RIVER PARK & RECREATION DISTRICT, OR BLUE RIVER WATER DISTRICT, OR BLY R.F.P.D., OR CHRISTMAS VALLEY PARK & RECREATION BLY VECTOR CONTROL DISTRICT, OR DISTRICT, OR BLY WATER AND SANITARY DISTRICT, OR CHRISTMAS VALLEY R.F.P.D., OR BOARDMAN CEMETERY MAINTENANCE DISTRICT, CITY OF BOGALUSA SCHOOL BOARD, LA CLACKAMAS COUNTY FIRE DISTRICT #1, OR BOARDMAN PARK AND RECREATION DISTRICT CLACKAMAS COUNTY SERVICE DISTRICT #1, OR CLACKAMAS COUNTY VECTOR CONTROL BOARDMAN R.F.P.D., OR BONANZA BIG SPRINGS PARK & RECREATION DISTRICT, OR DISTRICT, OR CLACKAMAS RIVER WATER BONANZA MEMORIAL PARK CEMETERY DISTRICT, CLACKAMAS RIVER WATER, OR CLACKAMAS S.W.C.D., OR BONANZA R.F.P.D., OR CLATSKANIE DRAINAGE IMPROVEMENT BONANZA-LANGELL VALLEY VECTOR CONTROL COMPANY, OR DISTRICT, OR CLATSKANIE LIBRARY DISTRICT, OR BORING WATER DISTRICT #24, OR CLATSKANIE P.U.D., OR BOULDER CREEK RETREAT SPECIAL ROAD CLATSKANIE PARK & RECREATION DISTRICT, OR DISTRICT, OR CLATSKANIE PEOPLE'S UTILITY DISTRICT BRIDGE R.F.P.D., OR CLATSKANIE R.F.P.D., OR BROOKS COMMUNITY SERVICE DISTRICT, OR CLATSOP CARE CENTER HEALTH DISTRICT, OR CLATSOP COUNTY S.W.C.D., OR BROWNSVILLE R.F.P.D., OR BUELL-RED PRAIRIE WATER DISTRICT, OR CLATSOP DRAINAGE IMPROVEMENT COMPANY #15, BUNKER HILL R.F.P.D. #1, OR INC., OR BUNKER HILL SANITARY DISTRICT, OR **CLEAN WATER SERVICES** BURLINGTON WATER DISTRICT, OR CLEAN WATER SERVICES, OR BURNT RIVER IRRIGATION DISTRICT, OR CLOVERDALE R.F.P.D., OR BURNT RIVER S.W.C.D., OR CLOVERDALE SANITARY DISTRICT, OR CALAPOOIA R.F.P.D., OR CLOVERDALE WATER DISTRICT, OR CAMAS VALLEY R.F.P.D., OR COALEDO DRAINAGE DISTRICT, OR CAMELLIA PARK SANITARY DISTRICT, OR COBURG FIRE DISTRICT, OR CAMMANN ROAD DISTRICT, OR COLESTIN RURAL FIRE DISTRICT, OR CAMP SHERMAN ROAD DISTRICT, OR COLTON R.F.P.D., OR COLTON WATER DISTRICT #11. OR CANBY AREA TRANSIT, OR COLUMBIA 911 COMMUNICATIONS DISTRICT, OR CANBY R.F.P.D. #62, OR CANBY UTILITY BOARD, OR COLUMBIA COUNTY 4-H & EXTENSION SERVICE CANNON BEACH R.F.P.D., OR DISTRICT, OR CANYONVILLE SOUTH UMPQUA FIRE DISTRICT, OR COLUMBIA DRAINAGE VECTOR CONTROL, OR CAPE FERRELO R.F.P.D., OR COLUMBIA IMPROVEMENT DISTRICT, OR COLUMBIA R.F.P.D., OR CAPE FOULWEATHER SANITARY DISTRICT, OR CARLSON PRIMROSE SPECIAL ROAD DISTRICT, OR COLUMBIA RIVER FIRE & RESCUE, OR CARMEL BEACH WATER DISTRICT, OR COLUMBIA RIVER PUD, OR

COLUMBIA S.W.C.D., OR DOUGLAS COUNTY FIRE DISTRICT #2, OR DOUGLAS S.W.C.D., OR COLUMBIA S.W.C.D., OR CONFEDERATED TRIBES OF THE UMATILLA INDIAN DRAKES CROSSING R.F.P.D., OR RESERVATION DRRH SPECIAL ROAD DISTRICT #6, OR COOS COUNTY AIRPORT DISTRICT, OR DRY GULCH DITCH DISTRICT IMPROVEMENT COOS COUNTY AIRPORT DISTRICT, OR COMPANY, OR DUFUR RECREATION DISTRICT, OR COOS COUNTY AREA TRANSIT SERVICE DISTRICT, DUMBECK LANE DOMESTIC WATER SUPPLY, OR COOS COUNTY AREA TRANSIT SERVICE DISTRICT, DUNDEE R.F.P.D., OR OR DURKEE COMMUNITY BUILDING PRESERVATION COOS FOREST PROTECTIVE ASSOCIATION DISTRICT, OR COOS S.W.C.D., OR EAGLE POINT IRRIGATION DISTRICT, OR COQUILLE R.F.P.D., OR EAGLE VALLEY CEMETERY MAINTENANCE COQUILLE VALLEY HOSPITAL DISTRICT, OR DISTRICT, OR CORBETT WATER DISTRICT, OR EAGLE VALLEY R.F.P.D., OR CORNELIUS R.F.P.D., OR EAGLE VALLEY S.W.C.D., OR CORP RANCH ROAD WATER IMPROVEMENT, OR EAST FORK IRRIGATION DISTRICT, OR CORVALLIS R.F.P.D., OR EAST MULTNOMAH S.W.C.D., OR COUNTRY CLUB ESTATES SPECIAL WATER EAST SALEM SERVICE DISTRICT, OR DISTRICT, OR EAST UMATILLA CHEMICAL CONTROL DISTRICT, COUNTRY CLUB WATER DISTRICT, OR COUNTRY ESTATES ROAD DISTRICT, OR EAST UMATILLA COUNTY AMBULANCE AREA COVE CEMETERY MAINTENANCE DISTRICT, OR HEALTH DISTRICT, OR COVE ORCHARD SEWER SERVICE DISTRICT, OR EAST UMATILLA COUNTY R.F.P.D., OR COVE R.F.P.D., OR EAST VALLEY WATER DISTRICT, OR ELGIN COMMUNITY PARKS & RECREATION CRESCENT R.F.P.D., OR CRESCENT SANITARY DISTRICT, OR DISTRICT, OR CRESCENT WATER SUPPLY AND IMPROVEMENT ELGIN HEALTH DISTRICT, OR DISTRICT, OR ELGIN R.F.P.D., OR CROOK COUNTY AGRICULTURE EXTENSION ELKTON ESTATES PHASE II SPECIAL ROAD SERVICE DISTRICT, OR DISTRICT, OR CROOK COUNTY CEMETERY DISTRICT, OR ELKTON R.F.P.D., OR CROOK COUNTY FIRE AND RESCUE, OR EMERALD P.U.D., OR CROOK COUNTY PARKS & RECREATION DISTRICT, ENTERPRISE IRRIGATION DISTRICT, OR ESTACADA CEMETERY MAINTENANCE DISTRICT, CROOK COUNTY S.W.C.D., OR OR CROOK COUNTY VECTOR CONTROL DISTRICT, OR ESTACADA R.F.P.D. #69, OR CROOKED RIVER RANCH R.F.P.D., OR EUGENE R.F.P.D. #1, OR CROOKED RIVER RANCH SPECIAL ROAD DISTRICT, EUGENE WATER AND ELECTRIC BOARD EVANS VALLEY FIRE DISTRICT #6, OR CRYSTAL SPRINGS WATER DISTRICT, OR FAIR OAKS R.F.P.D., OR **CURRY COUNTY 4-H & EXTENSION SERVICE** FAIRVIEW R.F.P.D., OR DISTRICT, OR FAIRVIEW WATER DISTRICT, OR CURRY COUNTY PUBLIC TRANSIT SERVICE FALCON HEIGHTS WATER AND SEWER, OR DISTRICT, OR FALCON-COVE BEACH WATER DISTRICT, OR CURRY COUNTY S.W.C.D., OR FALL RIVER ESTATES SPECIAL ROAD DISTRICT, OR CURRY HEALTH DISTRICT, OR FARGO INTERCHANGE SERVICE DISTRICT, OR FARMERS IRRIGATION DISTRICT, OR CURRY PUBLIC LIBRARY DISTRICT, OR DALLAS CEMETERY DISTRICT #4, OR FAT ELK DRAINAGE DISTRICT, OR FERN RIDGE PUBLIC LIBRARY DISTRICT, OR DARLEY DRIVE SPECIAL ROAD DISTRICT, OR DAVID CROCKETT STEAM FIRE COMPANY #1, LA FERN VALLEY ESTATES IMPROVEMENT DISTRICT, DAYS CREEK R.F.P.D., OR DAYTON FIRE DISTRICT, OR FOR FAR ROAD DISTRICT, OR DEAN MINARD WATER DISTRICT, OR FOREST GROVE R.F.P.D., OR DEE IRRIGATION DISTRICT, OR FOREST VIEW SPECIAL ROAD DISTRICT, OR DEER ISLAND DRAINAGE IMPROVEMENT FORT ROCK-SILVER LAKE S.W.C.D., OR FOUR RIVERS VECTOR CONTROL DISTRICT, OR COMPANY, OR DELL BROGAN CEMETERY MAINTENANCE FOX CEMETERY MAINTENANCE DISTRICT, OR DISTRICT, OR GARDINER R.F.P.D., OR DEPOE BAY R.F.P.D., OR GARDINER SANITARY DISTRICT, OR DESCHUTES COUNTY 911 SERVICE DISTRICT, OR GARIBALDI R.F.P.D., OR DESCHUTES COUNTY R.F.P.D. #2, OR GASTON R.F.P.D., OR DESCHUTES PUBLIC LIBRARY DISTRICT, OR GATES R.F.P.D., OR DESCHUTES S.W.C.D., OR GEARHART R.F.P.D., OR DESCHUTES VALLEY WATER DISTRICT, OR GILLIAM S.W.C.D., OR DEVILS LAKE WATER IMPROVEMENT DISTRICT, OR GLENDALE AMBULANCE DISTRICT, OR DEXTER R.F.P.D., OR GLENDALE R.F.P.D., OR DEXTER SANITARY DISTRICT, OR GLENEDEN BEACH SPECIAL ROAD DISTRICT, OR DORA-SITKUM R.F.P.D., OR GLENEDEN SANITARY DISTRICT, OR

GLENWOOD WATER DISTRICT, OR IN (KAY) YOUNG DITCH DISTRICT IMPROVEMENT GLIDE - IDLEYLD SANITARY DISTRICT, OR COMPANY, OR ICE FOUNTAIN WATER DISTRICT, OR GLIDE R.F.P.D., OR GOLD BEACH - WEDDERBURN R.F.P.D., OR IDAHO POINT SPECIAL ROAD DISTRICT, OR GOLD HILL IRRIGATION DISTRICT, OR IDANHA-DETROIT RURAL FIRE PROTECTION GOLDFINCH ROAD DISTRICT, OR DISTRICT, OR GOSHEN R.F.P.D., OR ILLINOIS VALLEY FIRE DISTRICT GOVERNMENT CAMP ROAD DISTRICT, OR ILLINOIS VALLEY R.F.P.D., OR GOVERNMENT CAMP SANITARY DISTRICT, OR ILLINOIS VALLEY S.W.C.D., OR GRAND PRAIRIE WATER CONTROL DISTRICT, OR IMBLER R.F.P.D., OR GRAND RONDE SANITARY DISTRICT, OR INTERLACHEN WATER P.U.D., OR GRANT COUNTY TRANSPORTATION DISTRICT, OR IONE LIBRARY DISTRICT, OR IONE R.F.P.D. #6-604, OR GRANT S.W.C.D., OR GRANTS PASS IRRIGATION DISTRICT, OR IRONSIDE CEMETERY MAINTENANCE DISTRICT, OR GREATER BOWEN VALLEY R.F.P.D., OR IRONSIDE RURAL ROAD DISTRICT #5, OR GREATER ST. HELENS PARK & RECREATION IRRIGON PARK & RECREATION DISTRICT, OR DISTRICT, OR IRRIGON R.F.P.D., OR GREATER TOLEDO POOL RECREATION DISTRICT, ISLAND CITY AREA SANITATION DISTRICT, OR ISLAND CITY CEMETERY MAINTENANCE DISTRICT, GREEN KNOLLS SPECIAL ROAD DISTRICT, OR OR JACK PINE VILLAGE SPECIAL ROAD DISTRICT, OR GREEN SANITARY DISTRICT, OR GREENACRES R.F.P.D., OR JACKSON COUNTY FIRE DISTRICT #3, OR GREENBERRY IRRIGATION DISTRICT, OR JACKSON COUNTY FIRE DISTRICT #4, OR GREENSPRINGS RURAL FIRE DISTRICT, OR JACKSON COUNTY FIRE DISTRICT #5, OR JACKSON COUNTY LIBRARY DISTRICT, OR HAHLEN ROAD SPECIAL DISTRICT, OR HAINES CEMETERY MAINTENANCE DISTRICT, OR JACKSON COUNTY VECTOR CONTROL DISTRICT, OR HAINES FIRE PROTECTION DISTRICT, OR JACKSON S.W.C.D., OR HALSEY-SHEDD R.F.P.D., OR JASPER KNOLLS WATER DISTRICT, OR HAMLET R.F.P.D., OR JEFFERSON COUNTY EMERGENCY MEDICAL HARBOR R.F.P.D., OR SERVICE DISTRICT, OR HARBOR SANITARY DISTRICT, OR JEFFERSON COUNTY FIRE DISTRICT #1. OR JEFFERSON COUNTY LIBRARY DISTRICT, OR HARBOR WATER P.U.D., OR HARNEY COUNTY HEALTH DISTRICT, OR JEFFERSON COUNTY S.W.C.D., OR HARNEY S.W.C.D., OR JEFFERSON PARK & RECREATION DISTRICT, OR HARPER SOUTH SIDE IRRIGATION DISTRICT, OR JEFFERSON R.F.P.D., OR HARRISBURG FIRE AND RESCUE, OR JOB'S DRAINAGE DISTRICT, OR JOHN DAY WATER DISTRICT, OR HAUSER R.F.P.D., OR HAZELDELL RURAL FIRE DISTRICT, OR JOHN DAY-CANYON CITY PARKS & RECREATION HEBO JOINT WATER-SANITARY AUTHORITY, OR DISTRICT, OR JOHN DAY-FERNHILL R.F.P.D. #5-108, OR HECETA WATER P.U.D., OR HELIX CEMETERY MAINTENANCE DISTRICT #4, OR JORDAN VALLEY CEMETERY DISTRICT, OR HELIX PARK & RECREATION DISTRICT, OR JORDAN VALLEY IRRIGATION DISTRICT, OR HELIX R.F.P.D. #7-411, OR JOSEPHINE COMMUNITY LIBRARY DISTRICT, OR HEPPNER CEMETERY MAINTENANCE DISTRICT, OR JOSEPHINE COUNTY 4-H & EXTENSION SERVICE HEPPNER R.F.P.D., OR DISTRICT, OR HEPPNER WATER CONTROL DISTRICT, OR JOSEPHINE COUNTY 911 AGENCY, OR HEREFORD COMMUNITY HALL RECREATION JUNCTION CITY R.F.P.D., OR JUNCTION CITY WATER CONTROL DISTRICT, OR DISTRICT, OR JUNIPER BUTTE ROAD DISTRICT, OR HERMISTON CEMETERY DISTRICT, OR JUNIPER CANYON WATER CONTROL DISTRICT, OR HERMISTON IRRIGATION DISTRICT, OR HIDDEN VALLEY MOBILE ESTATES IMPROVEMENT JUNIPER FLAT DISTRICT IMPROVEMENT COMPANY, DISTRICT, OR HIGH DESERT PARK & RECREATION DISTRICT, OR JUNIPER FLAT R.F.P.D., OR HIGHLAND SUBDIVISION WATER DISTRICT, OR JUNO NONPROFIT WATER IMPROVEMENT HONOLULU INTERNATIONAL AIRPORT DISTRICT, OR HOOD RIVER COUNTY LIBRARY DISTRICT, OR KEATING R.F.P.D., OR HOOD RIVER COUNTY TRANSPORTATION DISTRICT, KEATING S.W.C.D., OR KEIZER R.F.P.D., OR HOOD RIVER S.W.C.D., OR KELLOGG RURAL FIRE DISTRICT, OR HOOD RIVER VALLEY PARKS & RECREATION KENO IRRIGATION DISTRICT, OR KENO PINES ROAD DISTRICT, OR DISTRICT, OR HOODLAND FIRE DISTRICT #74 KENO R.F.P.D., OR KENT WATER DISTRICT, OR HOODLAND FIRE DISTRICT #74, OR HORSEFLY IRRIGATION DISTRICT, OR KERBY WATER DISTRICT, OR HOSKINS-KINGS VALLEY R.F.P.D., OR K-GB-LB WATER DISTRICT, OR HOUSING AUTHORITY OF PORTLAND KILCHIS WATER DISTRICT, OR HUBBARD R.F.P.D., OR KLAMATH 9-1-1 COMMUNICATIONS DISTRICT, OR HUDSON BAY DISTRICT IMPROVEMENT COMPANY, KLAMATH BASIN IMPROVEMENT DISTRICT, OR

OR

KLAMATH COUNTY DRAINAGE SERVICE DISTRICT, LONG PRAIRIE WATER DISTRICT, OR LOOKINGGLASS OLALLA WATER CONTROL DISTRICT, OR KLAMATH COUNTY EXTENSION SERVICE DISTRICT, LOOKINGGLASS RURAL FIRE DISTRICT, OR KLAMATH COUNTY FIRE DISTRICT #1, OR LORANE R.F.P.D., OR KLAMATH COUNTY FIRE DISTRICT #3, OR LOST & BOULDER DITCH IMPROVEMENT DISTRICT, KLAMATH COUNTY FIRE DISTRICT #4. OR KLAMATH COUNTY FIRE DISTRICT #5, OR LOST CREEK PARK SPECIAL ROAD DISTRICT, OR KLAMATH COUNTY LIBRARY SERVICE DISTRICT, LOUISIANA PUBLIC SERVICE COMMISSION, LA OR LOUISIANA WATER WORKS KLAMATH COUNTY PREDATORY ANIMAL LOWELL R.F.P.D., OR CONTROL DISTRICT, OR LOWER MCKAY CREEK R.F.P.D., OR KLAMATH DRAINAGE DISTRICT, OR LOWER MCKAY CREEK WATER CONTROL KLAMATH FALLS FOREST ESTATES SPECIAL ROAD DISTRICT, OR DISTRICT UNIT #2, OR LOWER POWDER RIVER IRRIGATION DISTRICT, OR KLAMATH INTEROPERABILITY RADIO GROUP, OR LOWER SILETZ WATER DISTRICT, OR KLAMATH IRRIGATION DISTRICT, OR LOWER UMPQUA HOSPITAL DISTRICT, OR KLAMATH RIVER ACRES SPECIAL ROAD DISTRICT. LOWER UMPQUA PARK & RECREATION DISTRICT, KLAMATH S.W.C.D., OR LOWER VALLEY WATER IMPROVEMENT DISTRICT, KLAMATH VECTOR CONTROL DISTRICT, OR OR KNAPPA-SVENSEN-BURNSIDE R.F.P.D., OR LUCE LONG DITCH DISTRICT IMPROVEMENT CO., LA GRANDE CEMETERY MAINTENANCE DISTRICT, LUSTED WATER DISTRICT, OR OR LA GRANDE R.F.P.D., OR LYONS R.F.P.D., OR LA PINE PARK & RECREATION DISTRICT, OR LYONS-MEHAMA WATER DISTRICT, OR LA PINE R.F.P.D., OR MADRAS AQUATIC CENTER DISTRICT, OR LABISH VILLAGE SEWAGE & DRAINAGE, OR MAKAI SPECIAL ROAD DISTRICT, OR LACOMB IRRIGATION DISTRICT, OR MALHEUR COUNTY S.W.C.D., OR LAFAYETTE AIRPORT COMMISSION, LA MALHEUR COUNTY VECTOR CONTROL DISTRICT, LAFOURCHE PARISH HEALTH UNIT - DHH-OPH MALHEUR DISTRICT IMPROVEMENT COMPANY, OR **REGION 3** LAIDLAW WATER DISTRICT, OR MALHEUR DRAINAGE DISTRICT, OR LAKE CHINOOK FIRE & RESCUE, OR MALHEUR MEMORIAL HEALTH DISTRICT, OR LAKE COUNTY 4-H & EXTENSION SERVICE MALIN COMMUNITY CEMETERY MAINTENANCE DISTRICT, OR DISTRICT, OR LAKE COUNTY LIBRARY DISTRICT, OR MALIN COMMUNITY PARK & RECREATION LAKE CREEK R.F.P.D. - JACKSON, OR DISTRICT, OR MALIN IRRIGATION DISTRICT, OR LAKE CREEK R.F.P.D. - LANE COUNTY, OR LAKE DISTRICT HOSPITAL, OR MALIN R.F.P.D., OR LAKE GROVE R.F.P.D. NO. 57, OR MAPLETON FIRE DEPARTMENT, OR LAKE GROVE WATER DISTRICT, OR MAPLETON WATER DISTRICT, OR LAKE LABISH WATER CONTROL DISTRICT, OR MARCOLA WATER DISTRICT, OR MARION COUNTY EXTENSION & 4H SERVICE LAKE POINT SPECIAL ROAD DISTRICT, OR LAKESIDE R.F.P.D. #4, OR DISTRICT, OR LAKESIDE WATER DISTRICT, OR MARION COUNTY FIRE DISTRICT #1, OR LAKEVIEW R.F.P.D., OR MARION JACK IMPROVEMENT DISTRICT, OR LAKEVIEW S.W.C.D., OR MARION S.W.C.D., OR LAMONTAI IMPROVEMENT DISTRICT, OR MARY'S RIVER ESTATES ROAD DISTRICT, OR LANE FIRE AUTHORITY, OR MCDONALD FOREST ESTATES SPECIAL ROAD LANE LIBRARY DISTRICT, OR DISTRICT, OR LANE TRANSIT DISTRICT, OR MCKAY ACRES IMPROVEMENT DISTRICT, OR LANGELL VALLEY IRRIGATION DISTRICT, OR MCKAY DAM R.F.P.D. # 7-410, OR LANGLOIS PUBLIC LIBRARY, OR MCKENZIE FIRE & RESCUE, OR LANGLOIS R.F.P.D., OR MCKENZIE PALISADES WATER SUPPLY LANGLOIS WATER DISTRICT, OR CORPORATION, OR LAZY RIVER SPECIAL ROAD DISTRICT, OR MCMINNVILLE R.F.P.D., OR LEBANON AQUATIC DISTRICT, OR MCNULTY WATER P.U.D., OR LEBANON R.F.P.D., OR MEADOWS DRAINAGE DISTRICT, OR LEWIS & CLARK R.F.P.D., OR MEDFORD IRRIGATION DISTRICT, OR MEDFORD R.F.P.D. #2, OR LINCOLN COUNTY LIBRARY DISTRICT, OR MEDFORD WATER COMMISSION LINCOLN S.W.C.D., OR LINN COUNTY EMERGENCY TELEPHONE AGENCY, MEDICAL SPRINGS R.F.P.D., OR OR MELHEUR COUNTY JAIL, OR MERLIN COMMUNITY PARK DISTRICT, OR LINN S.W.C.D., OR LITTLE MUDDY CREEK WATER CONTROL, OR MERRILL CEMETERY MAINTENANCE DISTRICT, OR LITTLE NESTUCCA DRAINAGE DISTRICT, OR MERRILL PARK DISTRICT, OR LITTLE SWITZERLAND SPECIAL ROAD DISTRICT, OR MERRILL R.F.P.D., OR LONE PINE IRRIGATION DISTRICT, OR METRO REGIONAL GOVERNMENT

METRO REGIONAL PARKS NEWPORT R.F.P.D., OR METROPOLITAN EXPOSITION RECREATION NEWT YOUNG DITCH DISTRICT IMPROVEMENT COMPANY, OR COMMISSION METROPOLITAN SERVICE DISTRICT (METRO) NORTH ALBANY R.F.P.D., OR MID COUNTY CEMETERY MAINTENANCE DISTRICT, NORTH BAY R.F.P.D. #9, OR NORTH CLACKAMAS PARKS & RECREATION MID-COLUMBIA FIRE AND RESCUE, OR DISTRICT, OR MIDDLE FORK IRRIGATION DISTRICT, OR NORTH COUNTY RECREATION DISTRICT, OR MIDLAND COMMUNITY PARK, OR NORTH DOUGLAS COUNTY FIRE & EMS, OR MIDLAND DRAINAGE IMPROVEMENT DISTRICT, OR NORTH DOUGLAS PARK & RECREATION DISTRICT, MILES CROSSING SANITARY SEWER DISTRICT, OR NORTH GILLIAM COUNTY HEALTH DISTRICT, OR MILL CITY R.F.P.D. #2-303, OR MILL FOUR DRAINAGE DISTRICT, OR NORTH GILLIAM COUNTY R.F.P.D., OR MILLICOMA RIVER PARK & RECREATION DISTRICT, NORTH LAKE HEALTH DISTRICT, OR NORTH LEBANON WATER CONTROL DISTRICT, OR MILLINGTON R.F.P.D. #5, OR NORTH LINCOLN FIRE & RESCUE DISTRICT #1, OR MILO VOLUNTEER FIRE DEPARTMENT, OR NORTH LINCOLN HEALTH DISTRICT, OR MILTON-FREEWATER AMBULANCE SERVICE AREA NORTH MORROW VECTOR CONTROL DISTRICT, OR NORTH SHERMAN COUNTY R.F.P.D, OR HEALTH DISTRICT, OR MILTON-FREEWATER WATER CONTROL DISTRICT, NORTH UNIT IRRIGATION DISTRICT, OR NORTHEAST OREGON HOUSING AUTHORITY, OR MIROCO SPECIAL ROAD DISTRICT, OR NORTHEAST WHEELER COUNTY HEALTH DISTRICT, MIST-BIRKENFELD R.F.P.D., OR MODOC POINT IRRIGATION DISTRICT, OR NORTHERN WASCO COUNTY P.U.D., OR MODOC POINT SANITARY DISTRICT, OR NORTHERN WASCO COUNTY PARK & RECREATION MOHAWK VALLEY R.F.P.D., OR DISTRICT, OR MOLALLA AQUATIC DISTRICT, OR NYE DITCH USERS DISTRICT IMPROVEMENT, OR MOLALLA R.F.P.D. #73, OR NYSSA ROAD ASSESSMENT DISTRICT #2, OR MONITOR R.F.P.D., OR NYSSA RURAL FIRE DISTRICT, OR MONROE R.F.P.D., OR NYSSA-ARCADIA DRAINAGE DISTRICT, OR OAK LODGE WATER SERVICES, OR MONUMENT CEMETERY MAINTENANCE DISTRICT, OAKLAND R.F.P.D., OR MONUMENT S.W.C.D., OR OAKVILLE COMMUNITY CENTER, OR MOOREA DRIVE SPECIAL ROAD DISTRICT, OR OCEANSIDE WATER DISTRICT, OR MORO R.F.P.D., OR OCHOCO IRRIGATION DISTRICT, OR MORROW COUNTY HEALTH DISTRICT, OR OCHOCO WEST WATER AND SANITARY MORROW COUNTY UNIFIED RECREATION AUTHORITY, OR ODELL SANITARY DISTRICT, OR DISTRICT, OR OLD OWYHEE DITCH IMPROVEMENT DISTRICT, OR MORROW S.W.C.D., OR OLNEY-WALLUSKI FIRE & RESCUE DISTRICT, OR MOSIER FIRE DISTRICT, OR MOUNTAIN DRIVE SPECIAL ROAD DISTRICT, OR ONTARIO LIBRARY DISTRICT, OR MT. ANGEL R.F.P.D., OR ONTARIO R.F.P.D., OR MT. HOOD IRRIGATION DISTRICT, OR OPHIR R.F.P.D., OR OREGON COAST COMMUNITY ACTION MT. LAKI CEMETERY DISTRICT, OR MT. VERNON R.F.P.D., OR OREGON HOUSING AND COMMUNITY SERVICES MULINO WATER DISTRICT #1, OR OREGON INTERNATIONAL PORT OF COOS BAY, OR MULTNOMAH COUNTY DRAINAGE DISTRICT #1, OR OREGON LEGISLATIVE ADMINISTRATION MULTNOMAH COUNTY R.F.P.D. #10, OR OREGON OUTBACK R.F.P.D., OR MULTNOMAH COUNTY R.F.P.D. #14, OR OREGON POINT, OR MULTNOMAH EDUCATION SERVICE DISTRICT OREGON TRAIL LIBRARY DISTRICT, OR MYRTLE CREEK R.F.P.D., OR OTTER ROCK WATER DISTRICT, OR NEAH-KAH-NIE WATER DISTRICT, OR OWW UNIT #2 SANITARY DISTRICT, OR NEDONNA R.F.P.D., OR OWYHEE CEMETERY MAINTENANCE DISTRICT, OR NEHALEM BAY FIRE AND RESCUE, OR OWYHEE IRRIGATION DISTRICT, OR NEHALEM BAY HEALTH DISTRICT, OR PACIFIC CITY JOINT WATER-SANITARY NEHALEM BAY WASTEWATER AGENCY, OR AUTHORITY, OR PACIFIC COMMUNITIES HEALTH DISTRICT, OR NESIKA BEACH-OPHIR WATER DISTRICT, OR NESKOWIN REGIONAL SANITARY AUTHORITY, OR PACIFIC RIVIERA #3 SPECIAL ROAD DISTRICT, OR NESKOWIN REGIONAL WATER DISTRICT, OR PALATINE HILL WATER DISTRICT, OR NESTUCCA R.F.P.D., OR PALMER CREEK WATER DISTRICT IMPROVEMENT NETARTS WATER DISTRICT, OR COMPANY, OR NETARTS-OCEANSIDE R.F.P.D., OR PANORAMIC ACCESS SPECIAL ROAD DISTRICT, OR NETARTS-OCEANSIDE SANITARY DISTRICT, OR PANTHER CREEK ROAD DISTRICT, OR NEW BRIDGE WATER SUPPLY DISTRICT, OR PANTHER CREEK WATER DISTRICT, OR NEW CARLTON FIRE DISTRICT, OR PARKDALE R.F.P.D., OR NEW ORLEANS REDEVELOPMENT AUTHORITY, LA PARKDALE SANITARY DISTRICT, OR NEW PINE CREEK R.F.P.D., OR PENINSULA DRAINAGE DISTRICT #1, OR NEWBERG R.F.P.D., OR PENINSULA DRAINAGE DISTRICT #2, OR

PHILOMATH FIRE AND RESCUE, OR

NEWBERRY ESTATES SPECIAL ROAD DISTRICT, OR

PILOT ROCK CEMETERY MAINTENANCE DISTRICT QUAIL VALLEY PARK IMPROVEMENT DISTRICT, OR #5, OR QUEENER IRRIGATION IMPROVEMENT DISTRICT, PILOT ROCK PARK & RECREATION DISTRICT, OR PILOT ROCK R.F.P.D., OR RAINBOW WATER DISTRICT, OR PINE EAGLE HEALTH DISTRICT, OR RAINIER CEMETERY DISTRICT, OR PINE FLAT DISTRICT IMPROVEMENT COMPANY, OR RAINIER DRAINAGE IMPROVEMENT COMPANY, OR PINE GROVE IRRIGATION DISTRICT, OR RALEIGH WATER DISTRICT, OR PINE GROVE WATER DISTRICT-KLAMATH FALLS. REDMOND AREA PARK & RECREATION DISTRICT. PINE GROVE WATER DISTRICT-MAUPIN, OR REDMOND FIRE AND RESCUE, OR PINE VALLEY CEMETERY DISTRICT, OR RIDDLE FIRE PROTECTION DISTRICT, OR RIDGEWOOD DISTRICT IMPROVEMENT COMPANY, PINE VALLEY R.F.P.D., OR PINEWOOD COUNTRY ESTATES SPECIAL ROAD DISTRICT, OR RIDGEWOOD ROAD DISTRICT, OR PIONEER DISTRICT IMPROVEMENT COMPANY, OR RIETH SANITARY DISTRICT, OR PISTOL RIVER CEMETERY MAINTENANCE RIETH WATER DISTRICT, OR RIMROCK WEST IMPROVEMENT DISTRICT, OR DISTRICT, OR PISTOL RIVER FIRE DISTRICT, OR RINK CREEK WATER DISTRICT, OR PLEASANT HILL R.F.P.D., OR RIVER BEND ESTATES SPECIAL ROAD DISTRICT, OR PLEASANT HOME WATER DISTRICT, OR RIVER FOREST ACRES SPECIAL ROAD DISTRICT, OR POCAHONTAS MINING AND IRRIGATION DISTRICT, RIVER MEADOWS IMPROVEMENT DISTRICT, OR RIVER PINES ESTATES SPECIAL ROAD DISTRICT, OR POE VALLEY IMPROVEMENT DISTRICT, OR RIVER ROAD PARK & RECREATION DISTRICT, OR RIVER ROAD WATER DISTRICT, OR POE VALLEY PARK & RECREATION DISTRICT, OR POE VALLEY VECTOR CONTROL DISTRICT, OR RIVERBEND RIVERBANK WATER IMPROVEMENT POLK COUNTY FIRE DISTRICT #1, OR DISTRICT, OR POLK S.W.C.D., OR RIVERDALE R.F.P.D. 11-JT, OR POMPADOUR WATER IMPROVEMENT DISTRICT, OR RIVERGROVE WATER DISTRICT, OR PONDEROSA PINES EAST SPECIAL ROAD DISTRICT, RIVERSIDE MISSION WATER CONTROL DISTRICT, OR OR RIVERSIDE R.F.P.D. #7-406, OR PORT OF ALSEA, OR PORT OF ARLINGTON, OR RIVERSIDE WATER DISTRICT, OR PORT OF ASTORIA, OR ROBERTS CREEK WATER DISTRICT, OR PORT OF BANDON, OR ROCK CREEK DISTRICT IMPROVEMENT, OR PORT OF BRANDON, OR ROCK CREEK WATER DISTRICT, OR PORT OF BROOKINGS HARBOR, OR ROCKWOOD WATER P.U.D., OR PORT OF CASCADE LOCKS, OR ROCKY POINT FIRE & EMS, OR PORT OF COQUILLE RIVER, OR ROGUE RIVER R.F.P.D., OR PORT OF GARIBALDI, OR ROGUE RIVER VALLEY IRRIGATION DISTRICT, OR PORT OF GOLD BEACH, OR ROGUE VALLEY SEWER SERVICES, OR PORT OF HOOD RIVER, OR ROGUE VALLEY SEWER, OR PORT OF MORGAN CITY, LA ROGUE VALLEY TRANSPORTATION DISTRICT, OR PORT OF MORROW, OR ROSEBURG URBAN SANITARY AUTHORITY, OR ROSEWOOD ESTATES ROAD DISTRICT, OR PORT OF NEHALEM, OR PORT OF NEWPORT, OR ROW RIVER VALLEY WATER DISTRICT, OR PORT OF PORT ORFORD, OR RURAL ROAD ASSESSMENT DISTRICT #3, OR PORT OF PORTLAND, OR RURAL ROAD ASSESSMENT DISTRICT #4, OR PORT OF SIUSLAW, OR SAINT LANDRY PARISH TOURIST COMMISSION SAINT MARY PARISH REC DISTRICT 2 PORT OF ST. HELENS, OR PORT OF THE DALLES, OR SAINT MARY PARISH REC DISTRICT 3 PORT OF TILLAMOOK BAY, OR SAINT TAMMANY FIRE DISTRICT 4, LA SALEM AREA MASS TRANSIT DISTRICT, OR PORT OF TOLEDO, OR PORT OF UMATILLA, OR SALEM MASS TRANSIT DISTRICT PORT OF UMPQUA, OR SALEM SUBURBAN R.F.P.D., OR PORT ORFORD CEMETERY MAINTENANCE SALISHAN SANITARY DISTRICT, OR SALMON RIVER PARK SPECIAL ROAD DISTRICT, OR DISTRICT, OR PORT ORFORD PUBLIC LIBRARY DISTRICT, OR SALMON RIVER PARK WATER IMPROVEMENT PORT ORFORD R.F.P.D., OR DISTRICT, OR PORTLAND DEVELOPMENT COMMISSION, OR SALMONBERRY TRAIL INTERGOVERNMENTAL PORTLAND FIRE AND RESCUE AGENCY, OR PORTLAND HOUSING CENTER, OR SANDPIPER VILLAGE SPECIAL ROAD DISTRICT, OR SANDY DRAINAGE IMPROVEMENT COMPANY, OR POWDER R.F.P.D., OR POWDER RIVER R.F.P.D., OR SANDY R.F.P.D. #72, OR POWDER VALLEY WATER CONTROL DISTRICT, OR SANTA CLARA R.F.P.D., OR POWERS HEALTH DISTRICT, OR SANTA CLARA WATER DISTRICT, OR PRAIRIE CEMETERY MAINTENANCE DISTRICT, OR SANTIAM WATER CONTROL DISTRICT, OR PRINEVILLE LAKE ACRES SPECIAL ROAD DISTRICT SAUVIE ISLAND DRAINAGE IMPROVEMENT COMPANY, OR #1. OR

PROSPECT R.F.P.D., OR

SAUVIE ISLAND VOLUNTEER FIRE DISTRICT #30J, STARWOOD SANITARY DISTRICT, OR STAYTON FIRE DISTRICT, OR SCAPPOOSE DRAINAGE IMPROVEMENT COMPANY, SUBLIMITY FIRE DISTRICT, OR SUBURBAN EAST SALEM WATER DISTRICT, OR SCAPPOOSE PUBLIC LIBRARY DISTRICT, OR SUBURBAN LIGHTING DISTRICT, OR SCAPPOOSE R.F.P.D., OR SUCCOR CREEK DISTRICT IMPROVEMENT SCIO R.F.P.D., OR COMPANY, OR SCOTTSBURG R.F.P.D., OR SUMMER LAKE IRRIGATION DISTRICT, OR SEAL ROCK R.F.P.D., OR SUMMERVILLE CEMETERY MAINTENANCE SEAL ROCK WATER DISTRICT, OR DISTRICT, OR SEWERAGE AND WATER BOARD OF NEW ORLEANS, SUMNER R.F.P.D., OR SUN MOUNTAIN SPECIAL ROAD DISTRICT, OR LA SHANGRI-LA WATER DISTRICT, OR SUNDOWN SANITATION DISTRICT, OR SHASTA VIEW IRRIGATION DISTRICT, OR SUNFOREST ESTATES SPECIAL ROAD DISTRICT, OR SUNNYSIDE IRRIGATION DISTRICT, OR SHELLEY ROAD CREST ACRES WATER DISTRICT, ORSUNRISE WATER AUTHORITY, OR SHERIDAN FIRE DISTRICT, OR SUNRIVER SERVICE DISTRICT, OR SHERMAN COUNTY HEALTH DISTRICT, OR SUNSET EMPIRE PARK & RECREATION DISTRICT, SHERMAN COUNTY S.W.C.D., OR SHORELINE SANITARY DISTRICT, OR SUNSET EMPIRE TRANSPORTATION DISTRICT, OR SILETZ KEYS SANITARY DISTRICT, OR SURFLAND ROAD DISTRICT, OR SILETZ R.F.P.D., OR SUTHERLIN VALLEY RECREATION DISTRICT, OR SILVER FALLS LIBRARY DISTRICT, OR SUTHERLIN WATER CONTROL DISTRICT, OR SWALLEY IRRIGATION DISTRICT, OR SILVER LAKE IRRIGATION DISTRICT, OR SILVER LAKE R.F.P.D., OR SWEET HOME CEMETERY MAINTENANCE DISTRICT, SILVER SANDS SPECIAL ROAD DISTRICT, OR OR SILVERTON R.F.P.D. NO. 2, OR SWEET HOME FIRE & AMBULANCE DISTRICT, OR SISTERS PARKS & RECREATION DISTRICT, OR SWISSHOME-DEADWOOD R.F.P.D., OR SISTERS-CAMP SHERMAN R.F.P.D., OR TABLE ROCK DISTRICT IMPROVEMENT COMPANY, SIUSLAW PUBLIC LIBRARY DISTRICT, OR OR TALENT IRRIGATION DISTRICT, OR SIUSLAW S.W.C.D., OR SIUSLAW VALLEY FIRE AND RESCUE, OR TANGENT R.F.P.D., OR SIXES R.F.P.D., OR TENMILE R.F.P.D., OR SKIPANON WATER CONTROL DISTRICT, OR TERREBONNE DOMESTIC WATER DISTRICT, OR SKYLINE VIEW DISTRICT IMPROVEMENT THE DALLES IRRIGATION DISTRICT, OR THOMAS CREEK-WESTSIDE R.F.P.D., OR COMPANY, OR SLEEPY HOLLOW WATER DISTRICT, OR THREE RIVERS RANCH ROAD DISTRICT, OR SMITH DITCH DISTRICT IMPROVEMENT COMPANY, THREE SISTERS IRRIGATION DISTRICT, OR TIGARD TUALATIN AQUATIC DISTRICT, OR TIGARD WATER DISTRICT, OR SOUTH CLACKAMAS TRANSPORTATION DISTRICT, TILLAMOOK BAY FLOOD IMPROVEMENT DISTRICT, SOUTH COUNTY HEALTH DISTRICT, OR ORSOUTH FORK WATER BOARD, OR TILLAMOOK COUNTY EMERGENCY SOUTH GILLIAM COUNTY CEMETERY DISTRICT, OR COMMUNICATIONS DISTRICT, OR SOUTH GILLIAM COUNTY HEALTH DISTRICT, OR TILLAMOOK COUNTY S.W.C.D., OR TILLAMOOK COUNTY TRANSPORTATION DISTRICT, SOUTH GILLIAM COUNTY R.F.P.D. VI-301, OR SOUTH LAFOURCHE LEVEE DISTRICT, LA SOUTH LANE COUNTY FIRE & RESCUE, OR TILLAMOOK FIRE DISTRICT, OR SOUTH SANTIAM RIVER WATER CONTROL TILLAMOOK P.U.D., OR DISTRICT, OR TILLER R.F.P.D., OR SOUTH SHERMAN FIRE DISTRICT, OR TOBIN DITCH DISTRICT IMPROVEMENT COMPANY, SOUTH SUBURBAN SANITARY DISTRICT, OR SOUTH WASCO PARK & RECREATION DISTRICT, OR TOLEDO R.F.P.D., OR SOUTHERN COOS HEALTH DISTRICT, OR TONE WATER DISTRICT, OR SOUTHERN CURRY CEMETERY MAINTENANCE TOOLEY WATER DISTRICT, OR TRASK DRAINAGE DISTRICT, OR DISTRICT, OR SOUTHVIEW IMPROVEMENT DISTRICT, OR TRI CITY R.F.P.D. #4, OR SOUTHWEST LINCOLN COUNTY WATER DISTRICT, TRI-CITY WATER & SANITARY AUTHORITY, OR TRI-COUNTY METROPOLITAN TRANSPORTATION SOUTHWESTERN POLK COUNTY R.F.P.D., OR DISTRICT OF OREGON SOUTHWOOD PARK WATER DISTRICT, OR TRIMET, OR SPECIAL ROAD DISTRICT #1, OR TUALATIN HILLS PARK & RECREATION DISTRICT SPECIAL ROAD DISTRICT #8, OR TUALATIN HILLS PARK & RECREATION DISTRICT, SPRING RIVER SPECIAL ROAD DISTRICT, OR OR SPRINGFIELD UTILITY BOARD, OR TUALATIN S.W.C.D., OR ST. PAUL R.F.P.D., OR TUALATIN VALLEY FIRE & RESCUE STANFIELD CEMETERY DISTRICT #6, OR TUALATIN VALLEY FIRE & RESCUE, OR STANFIELD IRRIGATION DISTRICT, OR TUALATIN VALLEY IRRIGATION DISTRICT, OR

TUALATIN VALLEY WATER DISTRICT

STARR CREEK ROAD DISTRICT, OR

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, UMATILLA HOSPITAL DISTRICT, OR UMATILLA R.F.P.D. #7-405, OR UMATILLA-MORROW RADIO AND DATA DISTRICT, UMPOUA S.W.C.D., OR UNION CEMETERY MAINTENANCE DISTRICT, OR UNION COUNTY SOLID WASTE DISPOSAL DISTRICT, 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, 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, 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, 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, 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, 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, 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, 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

REYNOLDS SCHOOL DISTRICT CENTRAL SCHOOL DISTRICT 13J COOS BAY SCHOOL DISTRICT NO.9 ROGUE RIVER SCHOOL DISTRICT CORVALLIS SCHOOL DISTRICT 509J ROSEBURG PUBLIC SCHOOLS COUNTY OF YAMHILL SCHOOL DISTRICT 29 SCAPPOOSE SCHOOL DISTRICT 1J CULVER SCHOOL DISTRICT SAINT TAMMANY PARISH SCHOOL BOARD, LA DALLAS SCHOOL DISTRICT NO.2 SEASIDE SCHOOL DISTRICT 10 SHERWOOD SCHOOL DISTRICT 88J DAVID DOUGLAS SCHOOL DISTRICT DAYTON SCHOOL DISTRICT NO.8 SILVER FALLS SCHOOL DISTRICT 4J DE LA SALLE N CATHOLIC HS SOUTH LANE SCHOOL DISTRICT 45J3 DESCHUTES COUNTY SCHOOL DISTRICT NO.6 SOUTHERN OREGON EDUCATION SERVICE DOUGLAS EDUCATIONAL DISTRICT SERVICE DISTRICT **DUFUR SCHOOL DISTRICT NO.29** SPRINGFIELD PUBLIC SCHOOLS EAST BATON ROUGE PARISH SCHOOL DISTRICT SUTHERLIN SCHOOL DISTRICT ESTACADA SCHOOL DISTRICT NO.10B SWEET HOME SCHOOL DISTRICT NO.55 FOREST GROVE SCHOOL DISTRICT TERREBONNE PARISH SCHOOL DISTRICT GEORGE MIDDLE SCHOOL THE CATLIN GABEL SCHOOL GLADSTONE SCHOOL DISTRICT TIGARD-TUALATIN SCHOOL DISTRICT GRANTS PASS SCHOOL DISTRICT 7 UMATILLA MORROW ESD GREATER ALBANY PUBLIC SCHOOL DISTRICT WEST LINN WILSONVILLE SCHOOL DISTRICT GRESHAM BARLOW JOINT SCHOOL DISTRICT WILLAMETTE EDUCATION SERVICE DISTRICT HEAD START OF LANE COUNTY WOODBURN SCHOOL DISTRICT HIGH DESERT EDUCATION SERVICE DISTRICT YONCALLA SCHOOL DISTRICT HILLSBORO SCHOOL DISTRICT ACADEMY FOR MATH ENGINEERING & SCIENCE HOOD RIVER COUNTY SCHOOL DISTRICT (AMES), UT JACKSON CO SCHOOL DIST NO.9 ALIANZA ACADEMY, UT JEFFERSON COUNTY SCHOOL DISTRICT 509-J ALPINE DISTRICT, UT JEFFERSON PARISH SCHOOL DISTRICT AMERICAN LEADERSHIP ACADEMY, UT AMERICAN PREPARATORY ACADEMY, UT JEFFERSON SCHOOL DISTRICT JUNCTION CITY SCHOOLS, OR BAER CANYON HIGH SCHOOL FOR SPORTS & KLAMATH COUNTY SCHOOL DISTRICT MEDICAL SCIENCES, UT BEAR RIVER CHARTER SCHOOL, UT KLAMATH FALLS CITY SCHOOLS BEAVER SCHOOL DISTRICT, UT LAFAYETTE PARISH SCHOOL DISTRICT LAKE OSWEGO SCHOOL DISTRICT 7J BEEHIVE SCIENCE & TECHNOLOGY ACADEMY LANE COUNTY SCHOOL DISTRICT 4J (BSTA), UT LINCOLN COUNTY SCHOOL DISTRICT BOX ELDER SCHOOL DISTRICT, UT LINN CO. SCHOOL DIST. 95C CBA CENTER, UT LIVINGSTON PARISH SCHOOL DISTRICT CACHE SCHOOL DISTRICT, UT LOST RIVER JR/SR HIGH SCHOOL CANYON RIM ACADEMY, UT LOWELL SCHOOL DISTRICT NO.71 CANYONS DISTRICT, UT MARION COUNTY SCHOOL DISTRICT CARBON SCHOOL DISTRICT, UT MARION COUNTY SCHOOL DISTRICT 103 CHANNING HALL, UT MARIST HIGH SCHOOL, OR CHARTER SCHOOL LEWIS ACADEMY, UT MCMINNVILLE SCHOOL DISTRICT NOAO CITY ACADEMY, UT MEDFORD SCHOOL DISTRICT 549C DAGGETT SCHOOL DISTRICT, UT MITCH CHARTER SCHOOL DAVINCI ACADEMY, UT MONROE SCHOOL DISTRICT NO.1J DAVIS DISTRICT, UT MORROW COUNTY SCHOOL DIST, OR DUAL IMMERSION ACADEMY, UT MULTNOMAH EDUCATION SERVICE DISTRICT DUCHESNE SCHOOL DISTRICT, UT MULTISENSORY LEARNING ACADEMY EARLY LIGHT ACADEMY AT DAYBREAK, UT MYRTLE PINT SCHOOL DISTRICT 41 EAST HOLLYWOOD HIGH, UT **NEAH-KAH-NIE DISTRICT NO.56** EDITH BOWEN LABORATORY SCHOOL, UT EMERSON ALCOTT ACADEMY, UT NEWBERG PUBLIC SCHOOLS NESTUCCA VALLEY SCHOOL DISTRICT NO.101 EMERY SCHOOL DISTRICT, UT NOBEL LEARNING COMMUNITIES ENTHEOS ACADEMY, UT NORTH BEND SCHOOL DISTRICT 13 EXCELSIOR ACADEMY, UT FAST FORWARD HIGH, UT NORTH CLACKAMAS SCHOOL DISTRICT NORTH DOUGLAS SCHOOL DISTRICT FREEDOM ACADEMY, UT NORTH WASCO CITY SCHOOL DISTRICT 21 GARFIELD SCHOOL DISTRICT, UT NORTHWEST REGIONAL EDUCATION SERVICE GATEWAY PREPARATORY ACADEMY, UT DISTRICT GEORGE WASHINGTON ACADEMY, UT ONTARIO MIDDLE SCHOOL GOOD FOUNDATION ACADEMY, UT OREGON TRAIL SCHOOL DISTRICT NOA6 GRAND SCHOOL DISTRICT, UT GRANITE DISTRICT, UT ORLEANS PARISH SCHOOL DISTRICT PHOENIX-TALENT SCHOOL DISTRICT NOA GUADALUPE SCHOOL, UT PLEASANT HILL SCHOOL DISTRICT HAWTHORN ACADEMY, UT INTECH COLLEGIATE HIGH SCHOOL, UT PORTLAND JEWISH ACADEMY PORTLAND PUBLIC SCHOOLS IRON SCHOOL DISTRICT, UT RAPIDES PARISH SCHOOL DISTRICT ITINERIS EARLY COLLEGE HIGH, UT REDMOND SCHOOL DISTRICT 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

STATE OF UTAH

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**

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

1.00 Roof Management, Design Assistant and/or Professional Services
Roof Management, Design Assistant and/or Professional Services DAY
Abselbes core testing and analysis (festing only, excludes labor for sampling and repair)
Full-time Quality Assurance monitoring Abselses core testing and analysis (testing only, excludes liabor for sampling and repair) EA Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type) EA Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type) EA Aralysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type) EA Aral and Formstein Measurements EA Aral Aral Aral Aral Aral Aral Aral Aral
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at roof repair rates for appropriate system type) Aerial Roof Survey - Roof Retures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements Aerial Mull Survey - Wall Fischerae & Drawings Including Geometries, Calculated Area and Perimeter Measurements EA Nuclear Moisture Survey, Non destructive roof scan 1070 IV Non destructive ord scan, up to 20 000 SF EA Non destructive ord scan, up to 20 000 SF SF Non destructive ord scan, up to 20 000 SF SF Non destructive rindred roof scan at 19th Indian Indian Miller Moisture Scanning Indian Indian Miller Moisture Scanning Indian
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Calculated Area and Perimeter Measurements
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Manufacturer Standing Seam Material Quantity Estimating
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1,07.02 Non-destructive roof scan, over 20,000 SF
Infrared Moisture Scanning
1.08.02 Non destructive infrared not scan, up to 20 000 SF 1.08.02 No destructive infrared not scan, up to 20 000 SF 1.08.02 Non destructive infrared not scan, up to 20 000 SF 1.08.03 Aerial infrared roof scan at night 1.09 Infrared scanning equipment rental 1.00 Non formation of the scanning equipment rental 1.00 Non formation of the scanning equipment rental 1.01 Roof investigation (Visual roof survey) 1.10.01 Roof investigation (Visual roof survey) 1.10.02 Visual Roof Survey (Roof by Roof), per hour 1.10.02 Visual Roof Survey (Roof by Roof) up to 20,000 SF 1.10.03 Visual Roof Survey (Roof by Roof) up to 20,000 SF 1.10.04 Visual Roof Survey (Roof by Roof) up to 20,000 SF 1.10.04 Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections) 1.10.05 Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections) 1.10.06 Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections) 1.10.07 Roof core cut (roof by roof) 1.10.08 Roof core cut (roof by roof) 1.10.08 Roof core cut (roof by roof) 1.10.09 Roof core cut (roof section rall roof sections on campus(s)) 1.11 Comprehensive report for visual survey (Roof by Roof) 1.12 Comprehensive report for visual survey (Roof by Roof) 1.13 Comprehensive report for visual survey (Roof by Roof) 1.14 Section 1.14 Roof Sections on Campus(s) 1.15 Comprehensive report for visual survey (Roof by Roof) 1.16 Roof Campus Roof Roof Sections on Campus(s) 1.17 Comprehensive report for each roof sections of Campus(s) 1.18 Comprehensive report for each roof sections on Campus(s) 1.19 Comprehensive report for each roof sections on Campus(s) 1.10 Comprehensive report for each roof sections on Campus(s) 1.11 Comprehensive report for each roof sections on Campus(s) 1.12 Start-Up 1.13 System Roof Design Manual FM 1-52 1.14 Roof drawings (Roof Design Roof) 1.15 Start-Up 1.16 Roof drawings (Roof Design Roof) 1.17 Comprehensive Roof Roof Roof Roof Roof Roof Roof Roo
1.08.02 Non destructive infrared roof scan, over 20,000 SF TRIP
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Infrared scanning equipment rental DAY
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3.07 Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	0.0=			
	3.07	Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	SF	

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3.08	DECK TYPE Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
	DECK TYPE		
3.09	Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square) DECK TYPE	SF	
3.10	Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	SF	
0.44	DECK TYPE	0.5	
3.11	Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square) DECK TYPE	SF	
3.12	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	
4.01	морреч	- 51	
4.00	RECOVERY BOARD TYPE	0.5	
4.02	1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	SF	
	RECOVERY BOARD TYPE		
4.03	1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	SF	
	RECOVERY BOARD TYPE 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum		
4.04	Deck	SF	
	RECOVERY BOARD TYPE 1/2" Wood Fiber or Perlite Board Installed Over an Existing Boof Mechanically Fastened to Boof Deck Lightweight /		
4.05	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	
	RECOVERY BOARD TYPE	<u> </u>	
4.07	1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof		
4.07	Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
	RECOVERY BOARD TYPE 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof		
4.08	Adhered with Insulation Adhesive	SF	
	RECOVERY BOARD TYPE 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof		
4.09	Mechanically Fastened to Roof Deck - Metal Deck	SF	
	RECOVERY BOARD TYPE		
4.10	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	
	RECOVERY BOARD TYPE		
4.11	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	
7.11	RECOVERY BOARD TYPE	ЭF	
	1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof		
4.12	Mechanically Fastened to Roof Deck - Concrete Deck	SF	
	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		
4.13	of New Course of Insulation	SF	
	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		
4.14	of New Course of Insulation	SF	
	ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)		
4.15	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	
	ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)		
4.40	Install 2.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation	65	
4.16	of New Course of Insulation	SF	
	ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)		
4.17	Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	SF	
	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		
4.18	(Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
	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		
4.19	(Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	SF	
	INSULATION SUBSTITUTION OPTION:		
4.20	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	
1.20	INSULATION SUBSTITUTION OPTION:	<u> </u>	
4.04	Add for Providing an R-Value of 25 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof	25	
4.21	Systems	SF	

	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		
4.22	Systems	SF	
	INSULATION SUBSTITUTION OPTION		
4.00	Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood	0-	
4.23	Fiber or Perlite - Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	SF	
	INSULATION SUBSTITUTION OPTION Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood		
4.24	Fiber or Perlite - Adhered with Insulation Adhesive	SF	
	INSULATION SLOPE OPTION		
4.25	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	
4.20	INSULATION SLOPE OPTION	<u> </u>	
	Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered in ASTM D		
4.26	312 Type III or IV Hot Asphalt; Mopped	SF	
	INSULATION SLOPE OPTION Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered		
4.27	Crickets; Adhered with Insulation Adhesive	SF	
	INSULATION SLOPE OPTION		
4.00	Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with	05	
4.28	Insulation Adhesive	SF	
	INSULATION SUBSTITUTION OPTION		
4.29	Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
	INCLUATION SUBSTITUTION OFFICE		
4.30	INSULATION SUBSTITUTION OPTION Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	SF	
	,		
4.5.4	INSULATION ATTACHMENT OPTION:		
4.31	Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	SF	
	INSULATION ATTACHMENT OPTION:		
4.32	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		
	ROOF SYSTEM TYPE		
E 04	Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced	65	
5.01	Modified Roof	SF	
	ROOF SYSTEM TYPE Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced		
5.02	Modified Roof	SF	
	ROOF SYSTEM TYPE		
5.03	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	
	ROOF SYSTEM TYPE	<u> </u>	
.	Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.0 Gallon per Square per Coat -		
5.04	2 Coats Required) - Smooth-Surfaced Modified Roof	SF	
	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		
5.05	Square Top Coat) - Mineral-Surfaced Modified Roof	SF	
	ROOF SYSTEM TYPE		
5.06	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	
0.00	ROOF SYSTEM TYPE	JF	
	Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral		
5.07	Surfaced Modified; With Reinforced Seams (Base Coat Seam with 1.5 Gallons per Square & Reinforcement)	SF	
	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		
5.08	lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Mineral-Surfaced Modified ROOF SYSTEM TYPE	SF	
	Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (apply base coat at 1.0 gallon per Square /		
5.00	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	ee.	
5.09	gallon per Square - Smooth-Surfaced Modified ROOF SYSTEM TYPE	SF	
	Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral		
5.10	Surfaced Modified	SF	
	ROOF SYSTEM TYPE Apply a Fibered Aluminum Coating per Specifications (2 Callens per Square per Coat 1 Coat Required). Smooth or		
5.11	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		
	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide		
	an Average R-Value of 20		
6.04.04	In Compliance with FM 1-90	0.5	
6.01.01 6.02	INSULATION OPTION: Requirements WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT	SF	
J.J2	WOOD ROOF DECK-TIOT AFFLICATION - ASTIN D STZ TIFE III OK IV ASFRACT		

		Mechanically Fasten Polyisocyanurate /		
		Hot Mop Wood Fiber or Perlite to Provide		
6.02.01	INSULATION OPTION:	an Average R-Value of 20	SF	
		Without Insulation - Must Include Rosin &		
6.02.02	INICHI ATION ORTION	Mechanically Fasten Glass Base Sheet	SF	
		-	3F	
6.03	TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV A			
		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		
6.03.01	INSULATION OPTION:	_	SF	
0.00.01	INOCEATION OF FIGURE	0120	01	
		Without Insulation - Must Include Rosin &		
6.03.02	INSULATION OPTION:	Mechanically Fasten Glass Base Sheet	SF	
6.04			31	
6.04	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION		•	
		Must Mechanically Attach a Base Sheet;		
		Hot Mop Polyisocyanurate / Hot Mop		
		Wood Fiber or Perlite to Provide an		
		Average R-Value of 20		
6.04.01	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
		Without Insulation - Must at Least		
		Mechanically Fasten a Base Sheet to the		
		Roof Deck Prior to Installation		
			1	
6.04.00	INICHI ATION ORTION	Installed with FM 1-90 Attachment	SE.	
6.04.02	INSULATION OPTION:		SF	
6.05	CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV			
		Prime Roof Deck; Hot Mop		
		Polyisocyanurate / Hot Mop Wood Fiber		
		or Perlite to Provide an Average R-Value		
		of 20		
6.05.01	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
2.00.01	INCOLATION OF HOM.	Without Insulation - Prime Roof Deck;		
		Must at Least 1/2" Wood Fiber or Perlite		
		Hot Mopped to Deck		
6.05.02	INSULATION OPTION	In Compliance FM 1-90 Requirements	SF	
		in Compliance Fivi 1-90 Requirements	эг	
6.06	METAL ROOF DECK - COLD PROCESS APPLICATION			
		Nichanically Fasten Polylsocyanurate /		
		Adhere High Density Asphalt Coated		
		Wood Fiber with Insulation Adhesive to		
		Provide an Average R-Value of 20		
6.06.01		In Compliance FM 1-90 Requirements	SF	
6.07	WOOD ROOF DECK - COLD PROCESS APPLICATION			
		Mechanically Fasten Polyisocyanurate /		
		Adhere High Density Asphalt Coated		
		Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to		
6 07 01	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to	SF	
6.07.01	INSULATION OPTION:		SF	
6.07.01	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	SF	
		Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin &		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	SF SF	
		Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Mechanically Attach Base Sheet &		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt		
6.07.02	INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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		
6.07.02 6.08	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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	SF	
6.07.02 6.08	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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	SF	
6.07.02 6.08	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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	
6.07.02 6.08 6.08.01	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION Must Mechanically Attach a Base Sheet;	SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation	SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt	SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation	SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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	SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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	SF SF	
6.07.02 6.08 6.08.01 6.08.02	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: TECTUM ROOF DECK - COLD PROCESS APPLICATION INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09 6.09.01	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09 6.09.01	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09 6.09.01	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09 6.09.01	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09 6.09.01	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS AP INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value	SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09 6.09.01	INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	SF SF SF	
6.07.02 6.08 6.08.01 6.08.02 6.09	INSULATION OPTION: INSULATION OPTION:	Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet 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 Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet PLICATION 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value	SF SF	

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		Mithout Inquistion Must at Locat 1/2"		
		Without Insulation - Must at Least 1/2" High Density Asphalt Coated Wood Fiber		
		Adhered with Insulation Adhesive to Deck		
6.10.02	INSULATION OPTION	In Compliance FM 1-90 Requirements	SF	
0.10.02	INSULATION OF HON:	In Compliance Fix 1-90 Requirements	эг	
6.11	 METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION			
0.11	METAL ROOF DECK - TOROTTAFFLIED / SELF-ADTIENING AFFLICATION	Mechanically Fasten Polyisocyanurate /	I	
		Adhere Treated Gypsum Insulation Board		
		with Glass-Mat (e.g. DensDeck /		
		Securock / Equal) with Insulation		
		Adhesive to Provide an Average R-Value		
		of 20		
6.11.01	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
6.12	WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION			
		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		
6.12.01	INSULATION OPTION:		SF	
		Without Insulation - Must Mechanically		
		Attach 1/2" Treated Gypsum Insulation		
0.40.00	INDIA ATION CTTON	Board with Glass-Mat (e.g. DensDeck /	0.5	
6.12.02	INSULATION OPTION:		SF	
6.13	TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION			
		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		
6.13.01	INSULATION OPTION	Average R-Value of 20	SF	
0.10.01	INOCEATION OF FICH.	Without Insulation - Must Mechanically	- 01	
		Attach 1/2" Treated Gypsum Insulation		
		Board with Glass-Mat (e.g. DensDeck /		
6.13.02	INSULATION OPTION:	0 1/5 "		
• · · · · · · · · · · · · · · · · · · ·	INSOEATION OF TION	Securock / Equal)	SF	
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	. ,	SF	
		. ,	SF	
		ELF-ADHERING APPLICATION	SF	
		Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum	SF	
		Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g.	SF	
		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	SF	
		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	SF	
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	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		
	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	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	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	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 Without Insulation - Must at Least		
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the		
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	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 Without Insulation - Must at Least		
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment		
6.14 .01	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / S 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 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	
6.14.01 6.14.02	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 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	
6.14.01 6.14.02	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 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	
6.14.01 6.14.02	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON Adhere Polyisocyanurate in Insulation	SF	
6.14.01 6.14.02	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with	SF	
6.14.01 6.14.02	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an	SF	
6.14.01 6.14.02 6.15	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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	
6.14.01 6.14.02	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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	
6.14.01 6.14.02 6.15	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 Without Insulation - Must Adhere 1/2"	SF	
6.14.01 6.14.02 6.15	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with	SF	
6.14.01 6.14.02 6.15	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT	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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock /	SF	
6.14.01 6.14.02 6.15	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock /	SF	
6.14.01 6.14.02 6.15	INSULATION OPTION: INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns ION 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 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 SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 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 SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 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 HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 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 HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 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 HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g.	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 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 HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns ION 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 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 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	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns TON 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 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 HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), Apply 2	SF SF	
6.14.01 6.14.02 6.15.01	INSULATION OPTION: INSULATION OPTION: CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICAT INSULATION OPTION: INSULATION OPTION: 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 Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns ION 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 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 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	SF SF	

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		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		
6.16.02	VAPOR BARRIER OPTION:	Requirements	SF	
		HOT ASPHALT-APPLIED VAPOR		
		BARRIER ON CONCRETE DECK:		
		Prime Deck Prior to Applying 2 Plies of		
6.16.03	VAROR BARRIER ORTION.	Glass Felt in Hot ASTM D 312 Type III	SF	
0.10.03	VAPOR BARRIER OPTION:	COLD ASPHALT-APPLIED VAPOR	ЭГ	
		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		
6 46 04	VAROR BARRIER OFFICE	In Compliance with FM 1-90	C.F.	
6.16.04	VAPOR BARRIER OPTION:	requirements	SF	
		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		
6 46 05	VAROR BARRIER OFFICE	In Compliance with FM 1-90	65	
6.16.05	VAPOR BARRIER OPTION:	Requirements COLD ASPHALT-APPLIED VAPOR	SF	
		BARRIER ON CONCRETE DECK:		
		Prime Deck Prior to Applying 2 Plies of		
		Glass Base in Cold Process Modified		
6.16.06	VAPOR BARRIER OPTION:	Asphalt	SF	
		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		
6.16.07	VAPOR BARRIER OPTION:	Requirements	SF	
		TORCH ARRUSE VAROR RARRIER		
		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)		
6.16.08	VAPOR BARRIER OPTION:	In Compliance with FM 1-90	SF	
0.10.00	VAPOR BARRIER OF HON:	TORCH-APPLIED VAPOR BARRIER	JI	
		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		
6 40 00	WARRE BARRIER CETTON	Torch-Applied Base Sheet (ASTM D	65	
6.16.09	VAPOR BARRIER OPTION:	,	SF	
		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		
0 40 40	VAPOR BARRIER OPTION:	In Compliance with FM 1-90 Requirements	SF	
6.16.10			J.	

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		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		
6.16.11	VAPOR BARRIER OPTION:		SF	
		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		
6.16.12	VAPOR BARRIER OPTION:		SF	
0110112	The Give Drawning is the single	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		
6.16.13	VAPOR BARRIER OPTION:	•	SF	
		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		
6.16.14	VAPOR BARRIER OPTION:	Requirements	SF	
		COLD ASPHALT-APPLIED VAPOR		
		BARRIER ON CONCRETE DECK:		
		BARRIER ON CONCRETE DECK: Prime Deck Prior to ASTM D 6163 SBS		
		Prime Deck Prior to ASTM D 6163 SBS		
		Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified		
		Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70		
6 16 1 <i>5</i>	VAROR RARRIER ORTION	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified	6 E	
6.16.15	VAPOR BARRIER OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified	SF	
	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified	SF	
	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified	SF	
7.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/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	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt D 312 Type III OR IV Asphalt	SF	
7.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ### D 312 Type III OR IV Asphalt ASTM D 6163 SBS Fiberglass	SF	
7.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt D 312 Type III OR IV Asphalt	SF	
7.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ### D 312 Type III OR IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet	SF	
7.00 7.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ### D 312 Type III OR IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 Ibf/in		
7.00	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt M D 312 Type III OR IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
7.00 7.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ### D 312 Type III OR IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass		
7.00 7.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt M D 312 Type III OR IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 Ibf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet		
7.00 7.01 7.01.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - Minimum of 220 lbf/in	SF	
7.00 7.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile		
7.00 7.01 7.01.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 20 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester	SF	
7.00 7.01 7.01.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	SF	
7.00 7.01 7.01.01 7.01.02	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in	SF SF	
7.00 7.01 7.01.01	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	SF	
7.00 7.01 7.01.01 7.01.02	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester	SF SF	
7.00 7.01 7.01.01 7.01.02	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	SF SF	
7.00 7.01 7.01.01 7.01.02	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in	SF SF	
7.00 7.01 7.01.01 7.01.02	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in	SF SF	
7.00 7.01 7.01.01 7.01.02 7.01.03	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in	SF SF	
7.00 7.01 7.01.01 7.01.02 7.01.03	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF SF	
7.00 7.01 7.01.01 7.01.02 7.01.03	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in	SF SF	
7.00 7.01 7.01.01 7.01.02 7.01.03	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	SF SF	
7.00 7.01 7.01.01 7.01.02 7.01.03	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile Cost to Provide 20 Year - Labor &	SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile Cost to Provide 20 Year - Labor & Material Warranty with No Dollar	SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for	SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00	SF SF	
7.00 7.01 7.01.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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	SF SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 Add to provide coverage for a 25 Year	SF SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF SF SF	
7.00 7.01 7.01.01 7.01.03 7.01.04 7.01.05	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	SF SF SF	
7.00 7.01 7.01.01 7.01.03 7.01.04 7.01.05	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations Add to provide coverage for a 30 Year	SF SF SF	
7.00 7.01 7.01.02 7.01.03 7.01.04 7.01.05	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT ROOF CONFIGURATION 2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM ROOFING MEMBRANE OPTION: ROOFING MEMBRANE OPTION:	Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile 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 Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF SF SF	

		Add to provide coverage for roof uplift	<u> </u>	
7.05	WARRANTY UPCHARGE:		SF	
	DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR Substitute Additional Glass Felt (Hot Applications) in Place of ASTM D 6163			
7.06	SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I -		65	
7.06	Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR) ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR		SF	
7.07	Each Additional Glass Felt (Hot Applications) Inter-ply Installed BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN		SF	
8.00	COLD PROCESS ASPHALT			
9.04	ROOF CONFIGURATION	anna Madisiad Anniadi		
8.01	2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Pro	ocess Modified Asphalt ASTM D 6163 SBS Fiberglass	T	
		Reinforced Modified Bituminous Sheet		
8.01.01	ROOFING MEMBRANE OPTION:	Material Type I - Minimum of 70 lbf/in tensile	SF	
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in		
8.01.02	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
8.01.03	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
0.04.04	DOCENIA MEMBRANE ARTICLE	Material Type III - Minimum of 500 lbf/in	65	
8.01.04	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester	SF	
		Reinforced Modified Bituminous Sheet		
8.01.05	ROOFING MEMBRANE OPTION:	Material Type III - Minimum of 600 lbf/in tensile	SF	
		Cost to Provide 20 Year - Labor &		
		Material Warranty with No Dollar Limitations as a Standard Warranty for		
		All Applications in this Section 8.00		
8.02	WADDANTY CHADGE.	Must includes coverage for roof uplift pressures up to 90 MPH	SF	
0.02	WARRANTI CHARGE:	Add to provide coverage for a 25 Year	31	
8.03	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
0.03	WARRANTT UPCHARGE:	Add to provide coverage for a 30 Year	ЭГ	
8.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
0.04		Add to provide coverage for roof uplift	3F	
8.05	WARRANTY UPCHARGE: DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR	pressures up to 120 MPH	SF	
	Substitute Additional Glass Base Sheet in Place of ASTM D 6163 SBS			
8.06	Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		SF	
	ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR			
8.07	Each Additional Glass Base (Cold Applications) Inter-ply Installed		SF	
	BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV			
9.00	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 C	Coal Tar Pitch and Aggregate		
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in		
0.01.		tensile, Flood Coat in Modified Hot Coal		
9.01.01	ROOFING MEMBRANE & COATING OPTION:	Tar Pitch With 2000% Elongation	SF	
		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		
9.01.02	ROOFING MEMBRANE & COATING OPTION	Tar Pitch With 2000% Elongation	SF	
		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		
9.01.03	ROOFING MEMBRANE & COATING OPTION		SF	
		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		
9.01.04	ROOFING MEMBRANE & COATING OPTION		SF	
-				

		ACTM D 6462 CDC Fibergless/Debiseter		
		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		
9.01.05	ROOFING MEMBRANE & COATING OPTION		SF	
		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		
9.02	WARRANTY CHARGE:	pressures up to 90 MPH Add to provide coverage for a 25 Year	SF	
		Labor & Material Warranty with No Dollar		
9.03	WARRANTY UPCHARGE:	Limitations	SF	
		Add to provide coverage for a 30 Year		
9.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar I imitations	SF	
0.01		Add to provide coverage for roof uplift	<u> </u>	
9.05	WARRANTY UPCHARGE:		SF	
9.06	COATING OPTION:	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	SF	
	BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN	Cold 1 100035 Codi Tai 1 Itoli	J.	
10.00	HOT ASTM D 312 TYPE III OR IV ASPHALT			
40.04	ROOF CONFIGURATION	a a III aa DV A aa ka k		
10.01	2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Ty	pe III or IV Asphalt ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in		
10.01.01	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
10.01.02	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in		
10.01.03	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in		
10.01.04	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
10.01.05	ROOFING MEMBRANE OPTION:	Material Type III - Minimum of 600 lbf/in tensile	SF	
10101100		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		
10.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
10.02	WARRANTY LIBOUARCE	Add to provide coverage for a 25 Year	SF	
10.03	WARRANTY OPCHARGE:	Labor & Material Warranty with No Dollar Add to provide coverage for a 30 Year	3F	
10.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
10.05	WARRANTY UPCHARGE:	Add to provide coverage for root uplift	SF	
10.00	BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN	pressures up to 120 Wil 11	J1	
11.00	COLD PROCESS ASPHALT			
	ROOF CONFIGURATION			
11.01	2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphal	ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
	<u>-</u>	Material Type I - Minimum of 70 lbf/in		
11.01.01	ROOFING MEMBRANE OPTION:	tensile ASTM D 6163 SBS Fiberglass	SF	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
11.01.02	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
11.01.03	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 500 lbf/in		
11.01.04	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in		
11.01.05	ROOFING MEMBRANE OPTION:	· · · · · · · · · · · · · · · · · · ·	SF	

	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		
11.02	WARRANTY CHARGE: pressures up to 90 MPH	SF	
11.03	Add to provide coverage for a 25 Year WARRANTY UPCHARGE: Labor & Material Warranty with No Dollar	SF	
11.04	Add to provide coverage for a 30 Year WARRANTY UPCHARGE: Labor & Material Warranty with No Dollar	SF	
44.05	Add to provide coverage for roof uplift	0.5	
11.05	WARRANTY UPCHARGE: pressures up to 120 MPH	SF	
	2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY & A CAP SHEET (TOP PLY)		
	PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE		
12.00	APPROVED BY THE MANUFACTURER		
	ROOF CONFIGURATION		
12.01	1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt		
	ASTM D 6163 SBS Fiberglass		
	Reinforced Modified Bituminous Sheet		
12.01.01	BASE PLY OPTION: Material Type I - 70 lbf/in tensile	SF	
	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet		
12.01.02	BASE PLY OPTION: Material Type III - 220 lbf/in tensile	SF	
12.01.02	BASE FET OF HON. I Waterial Type III - 220 ISI/III terisile	31	
	ASTM D 6162 SBS Fiberglass/Polyester		
	Reinforced Modified Bituminous Sheet		
12.01.03	BASE PLY OPTION: Material Type III - 310 lbf/in tensile	SF	
	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		
12.01.04	cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e.	SF	
12.01.04	12.01.02 + 12.01.02 + 12.01.04 = Two Plies Installed) ROOF CONFIGURATION	31	
12.02	1 Ply Modified Base Sheet Adhered in Cold Process Modified Asphalt		
	ASTM D 6163 SBS Fiberglass		
	Reinforced Modified Bituminous Sheet		
12.02.01	BASE PLY OPTION: Material Type I - 70 lbf/in tensile	SF	
	ASTM D 6163 SBS Fiberglass		
10.00.00	Reinforced Modified Bituminous Sheet	65	
12.02.02	BASE PLY OPTION: Material Type III - 220 lbf/in tensile	SF	
	ASTM D 6162 SBS Fiberglass/Polyester		
	Reinforced Modified Bituminous Sheet		
12.02.03	BASE PLY OPTION: Material Type III - 310 lbf/in tensile	SF	
	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.		
12.02.04	12.02.02 + 12.02.02 + 12.02.04 = Two Plies Installed) Add/Deduct for Cold Applied Modified	SF	
	Multi-ply Systems		
	Substitute Cold Process Adhesive with		
12.02.05	INTERPLY ADHESIVE OPTION: Alternative Solvent Free Adhesive	SF	
	ROOF CONFIGURATION		
12.03	1 Ply of Torch Base Sheet Installed with Torch Application		
	ODO Madistral Analysis I Provides		
	SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum		
	of 80 lbf/in tensile Torch-Applied Base		
12.03.01	BASE PLY OPTION: Sheet (ASTM D 5147)	SF	
	ASTM D 6163 SBS Fiberglass		
	Reinforced Modified Bituminous Sheet		
12.03.02	BASE PLY OPTION: Material Type III - 210 lbf/in tensile	SF	
	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		
12.02.02	a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base	SF	
12.03.03	sheet (i.e. 12.03.02 + 12.03.02 + 12.03.03 = Two Plies Installed) ROOF CONFIGURATION	ЭГ	
12.04	1 Ply of Self-Adhering Base Installed Using Self-Adhering Backing		
	SBS Modified Asphalt-Based, Polyester		
	OR Fiberglass/Polyester OR Fiberglass		
40.01.51	Reinforced Self-Adhering Base Sheet -		
12.04.01	BASE PLY OPTION: Minimum of 50 lbf/in tensile	SF	
	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		
12.04.02	sheet (i.e. 12.04.01 + 12.04.01 + 12.04.02 = Two Plies Installed)	SF	
	ROOF CONFIGURATION		
12.05	1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt		

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		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
10.05.01	BOOFING MEMBRANE OFFICE	Material Type I - Minimum of 70 lbf/in	65	
12.05.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass	SF	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
12.05.02	ROOFING MEMBRANE OPTION:	• •	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
12.05.03	ROOFING MEMBRANE OPTION:		SF	
		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		
12.05.06		pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar		
12.05.07	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for a 30 Year		
40.05.00		Labor & Material Warranty with No Dollar	0=	
12.05.08	WARRANTY UPCHARGE:	Limitations Add to provide coverage for roof uplift	SF	
12.05.09	WARRANTY UPCHARGE:		SF	
	ROOF CONFIGURATION	p. 200.00 ap to 120 mi 11	J.	
12.06	1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV	/ Asphalt		
	, and the second	ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in		
12.06.01	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
40.00.00	BOOFING MEMBRANE OPTION	Material Type III - Minimum of 220 lbf/in	0.5	
12.06.02	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
12.06.03	ROOFING MEMBRANE OPTION:	• •	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 500 lbf/in		
12.06.04	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
12.06.05	ROOFING MEMBRANE OPTION:	Material Type III - Minimum of 600 lbf/in	SF	
12.00.00	ROOF ING MEMBRANE OF HON.	Cost to Provide 20 Year - Labor &	- 01	
		Material Warranty with No Dollar		
		Limitations as a Standard Warranty for		
		All Applications in this Section 12.06		
1		Must includes coverage for roof uplift		
12.06.06	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
1		Add to provide coverage for a 25 Year		
12.06.07	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
12.00.07	WARRANTT UPCHARGE:	Add to provide coverage for a 30 Year	JF	
1		Labor & Material Warranty with No Dollar		
12.06.08	WARRANTY UPCHARGE:	Limitations	SF	
		Add to provide coverage for roof uplift		
12.06.09	WARRANTY UPCHARGE:	pressures up to 120 MPH	SF	
	ROOF CONFIGURATION			
	1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat 8	Aggregate in Hot Modified Coal Tar		
12.07	Pitch			
		ASTM D 6163 SBS Fiberglass		
[Reinforced Modified Bituminous Sheet		
1		Material Type I - Minimum of 70 lbf/in		
40.07.04	DOOFING HEHDDANE & COATING COTTON	tensile, Flood Coat in Modified Hot Coal	05	
12.07.01	ROOFING MEMBRANE & COATING OPTION:	Tar Pitch With 2000% Elongation	SF	
[ASTM D 6162 SBS Fiberglass/Polyester		
1		Reinforced Modified Bituminous Sheet		
1		Material Type III - Minimum of 220 lbf/in		
1		tensile, Flood Coat in Modified Hot Coal		
12.07.02	ROOFING MEMBRANE & COATING OPTION	ŕ	SF	
1		ASTM D 6162 SBS Fiberglass/Polyester		
1		Reinforced Modified Bituminous Sheet		
1		Material Type III - Minimum of 310 lbf/in		
12.07.03	ROOFING MEMBRANE & COATING OPTION	tensile, Flood Coat in Modified Hot Coal	SF	
. 1∠.∪1.∪3	NOOFING INCIDENTAINE & COATING OPTION	TALL HOLL VILLE 2000 /0 EIUNGAHUN	JF	

		ASTM D 6462 SBS Fibergless/Delyester		
		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		
12.07.04	ROOFING MEMBRANE & COATING OPTION	Tar Pitch With 2000% Elongation	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum 600 lbf/in		
40.07.05	DOOFING MEMBRANE & COATING ORTION	tensile, Flood Coat in Modified Hot Coal	0.5	
12.07.05	ROOFING MEMBRANE & COATING OPTION	Add/Deduct for Installing Flood Coat in	SF	
12.07.06	COATING OPTION:	Cold Process Coal Tar Pitch	SF	
		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		
12.07.07	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar		
12.07.08	WARRANTY UPCHARGE:	,	SF	
		Add to provide coverage for a 30 Year		
12.07.09	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
12.01.08	WARRANTI OF CHARGE.	Add to provide coverage for roof uplift	<u> </u>	
12.07.10	WARRANTY UPCHARGE:	pressures up to 120 MPH	SF	
	ROOF CONFIGURATION 1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Mod	ified Asnhalt		
	, Sup choos, I look cout and Aggregate Adhered in Cold F locess wou	ASTM D 6163 SBS Fiberglass	I	
		Reinforced Modified Bituminous Sheet		
12.08.01	ROOFING MEMBRANE OPTION:	Material Type I - Minimum of 70 lbf/in	SF	
12.06.01	ROOFING MEMBRANE OF HON.	ASTM D 6163 SBS Fiberglass	3F	
		Reinforced Modified Bituminous Sheet		
40.00.00	DOCEING MEMBRANE OPTION	Material Type III - Minimum of 220 lbf/in	0.5	
12.08.02	ROOFING MEMBRANE OPTION:	ASTM D 6162 SBS Fiberglass/Polyester	SF	
		Reinforced Modified Bituminous Sheet		
40.00.00		Material Type III - Minimum of 310 lbf/in		
12.08.03	ROOFING MEMBRANE OPTION:	tensile ASTM D 6162 SBS Fiberglass/Polyester	SF	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 500 lbf/in		
12.08.04	ROOFING MEMBRANE OPTION:	tensile ASTM D 6162 SBS Fiberglass/Polyester	SF	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 600 lbf/in		
12.08.05	ROOFING MEMBRANE OPTION:		SF	
		Add/Deduct for Cold Applied Modified BUR		
		Substitute Cold Process Adhesive with		
12.08.06	MEMBRANE ADHESIVE & COATING OPTION:		SF	
		Cost to Provide 20 Year - Labor & Material Warranty with No Dollar		
		Limitations as a Standard Warranty for		
		All Applications in this Section 12.08		
12.08.07	WARRANTY CHARGE:	Must includes coverage for roof uplift pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
12.09.00	WARD ANTY LIBOUADOE	Labor & Material Warranty with No Dollar	ee	
12.08.08	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year	SF	
		Labor & Material Warranty with No Dollar		
12.08.09	WARRANTY UPCHARGE:	Limitations Add to provide coverage for roof uplift	SF	
12.08.10	WARRANTY UPCHARGE:		SF	
	ROOF CONFIGURATION			
12.09	1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asph	ASTM D 6163 SBS Fiberglass	T	
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in		
12.09.01	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
12.09.02	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
12.09.03	ROOFING MEMBRANE OPTION:		SF	

_			<u></u>	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in		
12.09.04	ROOFING MEMBRANE OPTION:		SF	
12.00.01	NOO! INO INCLUIDING OF THE I	ASTM D 6162 SBS Fiberglass/Polyester	0.	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 600 lbf/in		
12.09.05	ROOFING MEMBRANE OPTION:		SF	
		Add/Deduct for Cold Applied Modified		
		BUR Substitute Cold Process Adhesive with		
12.09.06	MEMBRANE ADHESIVE OPTION:		SF	
12.00.00	MEMBRARE ADILONE OF HOR.	Cost to Provide 20 Year - Labor &	0.	
		Material Warranty with No Dollar		
		Limitations as a Standard Warranty for		
		All Applications in this Section 12.09		
40.00.07		Must includes coverage for roof uplift		
12.09.07	WARRANTY CHARGE:	pressures up to 90 MPH Add to provide coverage for a 25 Year	SF	
		Labor & Material Warranty with No Dollar		
12.09.08	WARRANTY UPCHARGE:	-	SF	
		Add to provide coverage for a 30 Year	-	
		Labor & Material Warranty with No Dollar		
12.09.09	WARRANTY UPCHARGE:		SF	
12.09.10	WARRANTY HROHARCE	Add to provide coverage for roof uplift	SF	
	WARRANTY UPCHARGE:	pressures up to 120 MFH	3F	
	ROOF CONFIGURATION 1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat & Aggregate in 0	Cold Applied Modified Coal Tar Pitch		
	and Aggregate	Sold Applied Modified Coal Tai Fitch		
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in	_	
12.10.01	ROOFING MEMBRANE & COATING OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
12.10.02	ROOFING MEMBRANE & COATING OPTION	· · · · · · · · · · · · · · · · · · ·	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
12.10.03	ROOFING MEMBRANE & COATING OPTION		SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 500 lbf/in		
12.10.04	ROOFING MEMBRANE & COATING OPTION	1	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum 600 lbf/in		
12.10.05	ROOFING MEMBRANE & COATING OPTION		SF	
		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		
12.10.06	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
12.10.07	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
12.10.07	WARRANTI OFCHARGE:	Add to provide coverage for a 30 Year	31	
		Labor & Material Warranty with No Dollar		
12.10.08	WARRANTY UPCHARGE:	Limitations	SF	
10 10 00	WARRANTYURGUARGE	Add to provide coverage for roof uplift	0.5	
12.10.09	WARRANTY UPCHARGE: ROOF CONFIGURATION	pressures up to 120 MPH	SF	
12.11	1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch A	pplication		
	Triy or immoral cultudes, refer Applica cup cheet instance with referra			
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
40 44 5		Material Type III - Minimum 300 lbf/in		
12.11.01	ROOFING MEMBRANE OPTION:		SF	
		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		
12.11.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
10 11 00	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
12.11.03	WARKANIT UPCHARGE:	Add to provide coverage for a 30 Year	or .	
		Labor & Material Warranty with No Dollar		
	WARRANTY UPCHARGE:	3	SF	
12.11.04	WARRANTI OF CHARGE.			

<u> </u>	T	Add to provide coverage for roof uplift	
12.11.05	WARRANTY UPCHARGE:		SF
12.12	ROOF CONFIGURATION 1 Ply of Torch-Applied Cap Sheet Installed with Torch Application and Fini Cold Process Modified Asphalt	shed with a Flood Coat & Aggregate in	
40.40.04	DOCENIO MEMBRANE ORTION	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in	
12.12.01	ROOFING MEMBRANE OPTION:	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	SF
12.12.02	WARRANTY CHARGE:	pressures up to 90 MPH Add to provide coverage for a 25 Year	SF
12.12.03	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Add to provide coverage for a 30 Year	SF
12.12.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Add to provide coverage for roof uplift	SF
12.12.05	WARRANTY UPCHARGE:		SF
12.13	ROOF CONFIGURATION 1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Ad	Ihering Backing	
		ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced	
12.13.01	ROOF CONFIGURATION OPTION:		SF
		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	
12.13.02	WARRANTY CHARGE:	pressures up to 90 MPH Add to provide coverage for a 25 Year	SF
12.13.03	WARRANTY UPCHARGE:		SF
12.13.04	WARRANTY UPCHARGE:		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 3 Welded Seams		
12,14.01	POLYMERIC TOP PLY OPTION:	` '	SF
12.14.02	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	SF
12.14.03	WARD ANTY 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
12.14.03	WARRANTT CHARGE:	Add to provide coverage for a 25 Year	5F
12.14.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations Add to provide coverage for a 30 Year	SF
12.14.05	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar Limitations	SF
12.14.06	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift	SF
12.15	ROOF CONFIGURATION 1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Ad		
12.15.01	POLYMERIC TOP PLY OPTION:	, ,	SF
12.15.02	POLYMERIC TOP PLY OPTION:	` /	SF
10 15 00	MEMBRANE ARTICLE	Add/Deduct for Cold Applied Fleece- Back Polymeric Cap Sheet (Top Ply) Substitute Membrane Adhesive with Cold	SE
12.15.03	MEMBRANE ADHESIVE OPTION:	PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)	SF
12.15.04	MEMBRANE ADHESIVE OPTION:	Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	SF

		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		
12.15.05		pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
12.15.06	WARRANTY UPCHARGE:	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	
	BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN			
13.00	MODIFIED HOT COAL TAR PITCH			
	ROOF CONFIGURATION 1 Ply of Glass Base, 3 Plies of Polyester Mat or 4 ply of Coal Tar Felts in Market No. 1 Ply of Coal Tar Felts in Market No. 1 Ply of Coal Tar Felts in Market No. 2 Ply of Coal Tar Felts No. 2 Ply of	odified Hot Coal Tar Pitch (CTP)		
13.01	[Insulation & Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt	ounieu not ooar rai r iton (o rr),		
	<u></u>	4-Ply ASTM D 4990 Type I Coal Tar		
		Saturated Felts in Modified Coal Tar		
		Pitch; Modified CTP with 2000%		
13.01.01	ROOF CONFIGURATION OPTION:	Elongation	SF	
		O Div O vision of Eilen at Delay to Mai		
		3-Ply Continuous Filament Polyester Mat (5.0 oz./yd2) in Modified Coal Tar Pitch;		
13.01.02	ROOF CONFIGURATION OPTION:	Modified CTP with 2000% Elongation	SF	
10.01.02	ROOF CONFIGURATION OF HON.	With 2000 70 Elongation		
		PER SQUARE FOOT COST -		
		SUBSTITUTE STANDARD COAL TAR		
		PITCH		
		Add/Deduct for Using Standard Coal Tar		
13.02	INTERPLY ADHESIVE & FLOOD COAT OPTION:		SF	
		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		
13.03	FLOOD COAT OPTION:		SF	
		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		
13.04	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar		
13.05	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for a 30 Year		
13.06	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
13.00	WARRANT OF CHARGE.	Add to provide coverage for roof uplift	- 31	
13.07	WARRANTY UPCHARGE:	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 IN	STALLATION OVER SUBSTRATE		
	The second secon	Architectural Application -		
		No Insulation; 30 lbs. Felt Underlayment		
14.01.01	INSULATION OPTION:		SF	
		Architectural Application -		
14 04 00	INCLUATION OPTION	No Insulation - WOOD DECK: Class A	e F	
14.01.02	INSULATION OPTION:	Fire-Retardant Underlayment Architectural Application -	SF	
		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		
14.01.03	INSULATION OPTION:	·	SF	
		Architectural Application -		
		Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20; with		
14.01.04	INSUI ATION OPTION:	40 mil Self-Adhering Underlayment	SF	
		Structural Application Over Open		
		Framing; Over Retrofit Framing; Over an		
		Existing Roof Using Steel Furring -		
14.01.05	INSULATION OPTION:		SF	
		Structural Application Over Open		
		Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-		
14.01.06	INSULATION OPTION:	<u> </u>	SF	
1-7.01.00	INSULATION OF HON.	Structural Application Over Retrofit		
	1	Framing -		
		i raning	1	
		Loose Laid Fiberglass Blanket on		
14.01.07	INSULATION OPTION:	_	SF	

		Structural Application Over an Existing		
		Roof Using Steel Furring - Fiberglass Batten Insulation with an R-		
14.01.08	INSULATION OPTION:	•	SF	
		Structural Application Over an Existing		
		Roof Using Steel Furring -		
14.04.00	INCLUATION OPTION.	Mechanically Fastened Polyisocyanurate	er.	
14.01.09	ROOF CONFIGURATION	on Existing Roof with an R-Value of 20	SF	
	Architectural or Structural Standing Seam Roof System; Seam Height At o	r Ahove 2"		
		Bare Aluminum Panel Price -		
14.02.01	THICKNESS OPTION:	0.032" Aluminum, 18" - 19" Wide Panels	SF	
4 4 9 9 9 9		Add for Bare Aluminum 0.040"		
14.02.02	THICKNESS OPTION:	Aluminum , 18" - 19" Wide Panels	SF	
14.02.03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF	
11.02.00		rea for 12 for allow what remains	<u> </u>	
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	
		Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide		
14.02.06	THICKNESS OPTION:	· ·	SF	
		Bare Galvalume Coated Steel or Equal		
		Panel Price - 22 Ga, 18" - 19" Wide		
14.02.07	THICKNESS OPTION:		SF	
14.00.00	DANIEL WIDTH OPTION.	Add for 12" - 13" Panel Width -	65	
14.02.08	PANEL WIDTH OPTION:	Galvalume Coated Steel or Equal Add for 16" - 17" Panel Width -	SF	
14.02.09	PANEL WIDTH OPTION:	Galvalume Coated Steel or Equal	SF	
		Add for 24" - 25" Panel Width -		
14.02.10	PANEL WIDTH OPTION:	Galvalume Coated Steel or Equal	SF	
		Add for Otor doud Colons - Flyons control		
		Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or		
14.02.11	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
		·		
		Add for Designer Colors - Fluorocarbon		
44.00.40	COLOR OPTION	Paint System Over Aluminum or	0.5	
14.02.12	COLOR OPTION:	Galvalume Coated Steel Or Equal Add for Premium or Custom Colors -	SF	
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or		
14.02.13	COLOR OPTION:	·	SF	
		Stainless Steel		
14.02.14	THICKNESS OPTION:	Panel Price - 24 Ga , 18" - 19" Wide	SF	
14.02.14	THICKNESS OF HON.	Stainless Steel	3F	
		Panel Price - 22 Ga, 18" - 19" Wide		
14.02.15	THICKNESS OPTION:	Panels	SF	
		Add for 12" - 13" Panel Width - Stainless		
14.02.16	PANEL WIDTH OPTION:	Steel Add for 16" - 17" Panel Width - Stainless	SF	
14.02.17	PANEL WIDTH OPTION:		SF	
	. AREE MOTH OF HOR.	Add for 24" - 25" Panel Width - Stainless	<u> </u>	
14.02.18	PANEL WIDTH OPTION:	Steel	SF	
		Copper		
14 00 40	THOUSEON OPTION	Panel Price - 16 oz,18" - 19" Wide	ee	
14.02.19	THICKNESS OPTION:	Panels Copper	SF	
		Panel Price - 20 Oz, 18" - 19" Wide		
14.02.20	THICKNESS OPTION:	Panels	SF	
14.02.21		Add for 12" - 13" Panel Width - Copper	SF	
14.02.22		Add for 16" - 17" Panel Width - Copper	SF	
14.02.23	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Copper Zinc	SF	
		Panel Price - 0.032", 18" - 19" Wide		
14.02.24	THICKNESS OPTION:	· ·	SF	
		Zinc		
44.00.5=		Panel Price - 0.040", 18" - 19" Wide	65	
14.02.25 14.02.26	THICKNESS OPTION:	Panels Add for 12" - 13" Panel Width - Zinc	SF SF	
14.02.26		Add for 12" - 13" Panel Width - Zinc Add for 16" - 17" Panel Width - Zinc	SF SF	
14.02.28		Add for 24" - 25" Panel Width - Zinc	SF	
		Architectural Application - Installed Over		
14.02.29	PANEL INSTALLATION OPTION:	·	SF	
		Architectural Application - Installed Over		
14.02.30	PANEL INSTALLATION OPTION:	a Deck Below 3:12 Slope	SF	
1 7.02.00	TANLE INSTALLATION OF HON.	Structural Application - Installed Over	<u> </u>	
		Open Framing At or Above 3:12 Slope		
14.02.31	PANEL INSTALLATION OPTION:	•	SF	

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		Structural Application - Installed Over		
14.02.32	PANEL INSTALLATION OPTION:	Open Framing Below 3:12 Slope	SF	
14.02.32	TARLE INSTALLATION OF TION.	Structural Application -	31	
		At or Above 3:12 Slope -		
14.02.33	PANEL INSTALLATION OPTION:	Installed Over Retrofit Framing System	SF	
		Structural Application - Installed Over		
		Retrofit Framing System Below 3:12 Slope		
14.02.34	PANEL INSTALLATION OPTION:	i i	SF	
		Structural Application - Installed Over		
		Existing Roof Using Steel Furring At or		
44.00.05	DANEL INOTALLATION OPTION	Above 3:12 Slope	05	
14.02.35	PANEL INSTALLATION OPTION:	Structural Application - Installed Over	SF	
		Existing Roof Using Steel Furring Below		
14.02.36	PANEL INSTALLATION OPTION:		SF	
		On-Site Roll Forming - To achieve panel		
14.02.37	PANEL FABRICATION OPTION:	lengths in excess of shipping or	SF	
14.02.37	PANEL PADRICATION OF HON.	Curving Panels - Curving panels to meet	JI .	
14.02.38	PANEL FABRICATION OPTION:	0 ,	SF	
		Tapering Panels - Tapering panels to		
14.02.39	PANEL FABRICATION OPTION:	meet architectural requirements Cost to Provide 20 Year - Labor &	SF	
		Material Warranty with No Dollar		
		Limitations as a Standard Warranty for		
		All Applications in this Section 13.00		
14.02.40	WARDANTY CHARGE.	Must includes coverage for roof uplift pressures up to 90 MPH	SF	
14.02.40	WARRANT CHARGE:	Add to provide coverage for a 25 Year	JF	
		Labor & Material Warranty with No Dollar		
14.02.41	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar		
14.02.42	WARRANTY UPCHARGE:	,	SF	
		Add to provide coverage for roof uplift		
14.02.43	WARRANTY UPCHARGE:	pressures up to 120 MPH	SF	
	ROOF CONFIGURATION			
	Architectural or Structural Standing Seam Roof System; Seam Height At o	r Above 1" Relow 2": Aluminum Panels		
	And introduction of our dottard of our of our introduction, ocument of the o	Above i below z , Aldillillalli i aliels		
	And interest and the desired of the second o	Bare Aluminum Panel Price -		
14.03.01		Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	SF	
14.03.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040"		
	THICKNESS OPTION: THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	SF SF SF	
14.03.01 14.03.02	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum	SF	
14.03.01 14.03.02 14.03.03 14.03.04	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum , 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal	SF SF SF	
14.03.01 14.03.02 14.03.03	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	SF SF	
14.03.01 14.03.02 14.03.03 14.03.04	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION: THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION: THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume	SF SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION: THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal	SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION: THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal Add for 16" Panel Width - Galvalume	SF SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06 14.03.07	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal Add for 16" Panel Width - Galvalume Coated Steel or Equal	SF SF SF SF	
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14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06 14.03.07 14.03.08	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal Add for 16" Panel Width - Galvalume Coated Steel or Equal Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or	SF SF SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06 14.03.07	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal Add for 16" Panel Width - Galvalume Coated Steel or Equal Add for Standard Colors - Fluorocarbon	SF SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06 14.03.07 14.03.08	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal Add for 16" Panel Width - Galvalume Coated Steel or Equal Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal Add for Designer Colors - Fluorocarbon	SF SF SF SF SF	
14.03.01 14.03.02 14.03.03 14.03.04 14.03.05 14.03.06 14.03.07 14.03.08	THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: THICKNESS OPTION: THICKNESS OPTION: PANEL WIDTH OPTION: PANEL WIDTH OPTION: COLOR OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels Add for Bare Aluminum 0.040" Aluminum, 18" Wide Panels Add for 12" Panel Width - Aluminum Add for 16" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels Add for 12" Panel Width - Galvalume Coated Steel or Equal Add for 16" Panel Width - Galvalume Coated Steel or Equal Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or	SF SF SF SF SF SF	
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44.00.5:		Zinc	6-	
14.03.21		Panel Price - 0.040", 18" Wide Panels	SF	
14.03.22		Add for 12" Panel Width - Zinc	SF	
14.03.23	PANEL WIDTH OPTION:	Add for 16" Panel Width - Zinc	SF	
		Architectural Application - Installed Over		
14 02 24	PANEL INSTALLATION OPTION:	Substrate At or Above 3:12 Slope	SF	
14.03.24	PANEL INSTALLATION OF HON.	Architectural Application - Installed Over	3F	
		Substrate Below 3:12 Slope		
14.03.25	PANEL INSTALLATION OPTION:	·	SF	
14.00.20	TARLE INCIALLATION OF HOME	Structural Application - Installed Over	<u> </u>	
		Open Framing At or Above 3/12 Slope		
14.03.26	PANEL INSTALLATION OPTION:		SF	
		Structural Application - Installed Over		
		Retrofit Framing System At or Above		
		3:12 Slope		
14.03.27	PANEL INSTALLATION OPTION:		SF	
		Structural Application - Installed Over		
		Existing Roof Using Steel Furring		
14.03.28	PANEL INSTALLATION OPTION:	·	SF	
		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		
14.03.30	WARRANTY CHARGE	pressures up to 90 MPH	SF	
. 1.55.50	WARRANTI GHARGE.	Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar		
14.03.31	WARRANTY UPCHARGE:	_	SF	
		Add to provide coverage for a 30 Year		
		Labor & Material Warranty with No Dollar		
14.03.32	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for roof uplift		
14.03.33	WARRANTY UPCHARGE:	pressures up to 120 MPH	SF	
	ROOF CONFIGURATION			
14.04	Architectural Standing Seam Roof System; Seam Height Below 1"			
440404	THICKNESS OFFICE	Bare Aluminum Panel Price -	05	
14.04.01	THICKNESS OPTION:	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	
14.04.02	THICKNESS OF HON.	Aldifficially, 14.5 Wide Pariets	3F	
		Bare Galvalume Coated Steel or Equal		
14.04.03	THICKNESS OPTION:	Panel Price - 24 Ga, 14.5" Wide Panels	SF	
		Bare Galvalume Coated Steel or Equal		
14.04.04	THICKNESS OPTION:	Panel Price - 22 Ga, 14.5" Wide Panels	SF	
		Add for Standard Colors - Fluorocarbon		
		Paint System Over Aluminum or		
14.04.05	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
		Add for Designer Colors - Fluorocarbon		
14.04.06	COLOR OPTION	Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
14.04.06	COLOR OPTION:	Add for Premium or Custom Colors -	3F	
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or		
14.04.07	COLOR OPTION:		SF	
		Stainless Steel		
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14.04.08	THICKNESS OPTION:	Panel Price - 24 Ga, 14.5" Wide Panels	SF	
14.04.08	THICKNESS OPTION:		5F	
		Stainless Steel		
14.04.09			SF	
		Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels		
14.04.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper	SF	
	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels		
14.04.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels	SF	
14.04.09	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper	SF	
14.04.09 14.04.10	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels	SF SF	
14.04.09 14.04.10	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper	SF SF	
14.04.09 14.04.10	THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper Panel Price - 20 Oz., 14.5" Wide Panels	SF SF	
14.04.09 14.04.10 14.04.11	THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper Panel Price - 20 Oz., 14.5" Wide Panels Zinc Panel Price - 0.032", 14.5" Wide Panels	SF SF	
14.04.10 14.04.11 14.04.12	THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper Panel Price - 20 Oz., 14.5" Wide Panels Zinc Panel Price - 0.032", 14.5" Wide Panels Zinc	SF SF SF	
14.04.09 14.04.10 14.04.11	THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper Panel Price - 20 Oz., 14.5" Wide Panels Zinc Panel Price - 0.032", 14.5" Wide Panels Zinc Panel Price - 0.040", 14.5" Wide Panels	SF SF	
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14.04.10 14.04.11 14.04.12	THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper Panel Price - 20 Oz., 14.5" Wide Panels Zinc Panel Price - 0.032", 14.5" Wide Panels Zinc Panel Price - 0.040", 14.5" Wide Panels Architectural Application - Installed Over Substrate At or Above 3:12 Slope	SF SF SF	
14.04.10 14.04.11 14.04.12 14.04.13	THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION: THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels Copper Panel Price - 16 Oz., 14.5" Wide Panels Copper Panel Price - 20 Oz., 14.5" Wide Panels Zinc Panel Price - 0.032", 14.5" Wide Panels Zinc Panel Price - 0.040", 14.5" Wide Panels Architectural Application - Installed Over Substrate At or Above 3:12 Slope Architectural Application - Installed Over	SF SF SF	

ROP CONFIGURATION RESEARCH Metal Roof System - 8 Wide / 30 Gauge 34 of Expended Poystymen (Minnum 1,5 lbs.Art) - Includes Parol and 15 lbs.Art) - Includes Parol and 15 lbs.Art) - Includes Parol and 15 lbs.Art) - Includes Parol and 16 lbs.Art) - Includes Parol and 16 lbs.Art) - Includes Parol and 17 lbs.Art) - Includes Parol and 18 lbs.Art) - Includes Parol an				
14.05.01 **RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS** **RESTORATION OF ASSHALL TROOF SUSPERACE** **RESTORATION OF ROSPICAL TROOF SUSPERACE** **RESTORATION OF ASSHALL TROOF SUSPERACE** **RESTORATION OF ASSHALL TROOF SUSPERACE*** **R				
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## ACOF CONFIGURATION ## ASSAM MARIA ROOF System - 5' Wide / 30 Gauge ## ACOF CONFIGURATION ## ASSAM MARIA ROOF System - 5' Wide / 30 Gauge ## ACOF CONFIGURATION ## ACOF CONFIGUR				
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14.05.01 INSULATION OPTION: Institution of Provided Provided Services (Particular Services Fame) and SF				
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14.05.05 PANEL WIDTH OPTION). Add/Deduct for 10 Wide Option SF	14.05.02	· · · · · · · · · · · · · · · · · · ·	- 51	
14.05.05 PANEL WIDTH OPTION: Add/Deduct for 12 Wide Option SF PANEL WIDTH OPTION: Add/Deduct for 12 Wide Option PANEL WIDTH OPTION: Add/Deduct for 12 Wide Option SF Cost to Provide 15 Year - Malerial Warranty United to the Dollar Amount of the Marketal Original Practises as a Standard Warranty of All Applications in Marketal Original Practises as a Standard Warranty of All Applications in Marketal Original Practises as a Standard Warranty of All Applications in Marketal Original Practises as a Standard Warranty of All Applications in Marketal Original Practises as a Standard Warranty of All Applications in Marketal Original Practises as a Standard Warranty of All Applications in Marketal Practises and Standard Warranty of All Applications in Marketal Practises and Standard Warranty of All Applications in Marketal Practises in Marketal Practi	14.05.03			
14.05.08 PANEL WIDTH OPTION: Additional Additional Country Co	14.05.04			
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Warranty Limited to the Dollar Amount of the Material Original Purchases as a Standard Warranty for All Applications in this Section 14.05 Warranty CHARGES breasures up to 90 APPH SF 15.00 RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS PREPARE MET AL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE 15.01 Wire Brown Metal Roof Survice to Remove Loses Paint, Rust or Expose Bare Metal SF PREPARE MET AL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE Wire Brown Metal Roof Survice to Remove Loses Paint, Rust or Expose Bare Metal SF PREPARE MET AL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS Wire Brown Metal Roof Survice and Seams to Remove Loses Paint, Rust or Expose Bare Metal LF PREPARE MET AL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF SEAMS RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM Well Var Roof to Remove Aggregate, Apply Cold Applied Modified Coal T is Pload Coat & New Aggregate - Coating Applied at 6-5 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specified Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specified Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specified Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specified Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specified Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specified Applied at 6-6 Gallaro per Sq. w New Gravel According to Manufacturer's Specifications (New Flashings also Required Specifications of Specified Applied at 6-6 Gallaro per Sq. w New Gravel Applied Applied at S	14.05.06	·	SF	
the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.05 WARRANTY CHARGES: pressures up to 90 MPH SF **RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS** **PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE** Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal SP **PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE** **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 SP **PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF** **Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal SP **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 SP **RESTORATION OF A SPHALT ROOF SURFACE WITH A SPHALT COATING SYSTEM WET Van Roof to Remove Aggregate. Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied at 0-5 Gallons per Sq. will New Graver According to Manufacturer's Specificiations (New Flashings also Required Spanish Line Item) **RESTORATION OF ASPHALT OR COAL TAR PITCH BURS WITH COAL-TAR PITCH COATING SYSTEM Wet Van Roof to Remove Aggregate. Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied 10-6 Sealines per Sq. will New Graver According to Manufacturer's Specificiations (New Flashings also Required Specified Applied 10-6 Sealines per Sq. will New Graver According to Manufacturer's Specificiations (New Flashings also Required Specificiations (New Flashings) and Required Specificiations (New Flashing				
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RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE Wire Brush Metal Roof Surface to Remove Loose Pairl, Rust or Expose Bare Metal PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS Wire Brush Metal Roof Surface and Seams to Remove Loose Pairl, Rust or Expose Bare Metal PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS Wire Brush Metal Roof Surface and Seams to Remove Loose Pairl, Rust or Expose Bare Metal PREPARE METAL ROOF SURFACE WITH ASSEMBLY FOR SEAMS Wet Var Roof to Remove Aggregate, Apply Cold Applied Modified Aspiral Flood Coat & New Aggregate - Coating Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Separate Line Item) RESAURATION OF ASPHALT OF COAL TAR PITCH BURS WITH COAL-TAR PITCH COATING SYSTEM Wet Var Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate a Specified Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Specified Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Specified Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Specified Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Specified Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Specified Applied at 8-B Gallons per Se, win New Grand According to Manufacturer's Specifications (New Hishings also Required Specified Applied at 8-B Gallons per Se, wine of Specified Applied at 8-B Gallons per Se, wine of Specifications (New Hishings (Line Specifications) (New Hishings (Line Specifications) (New Hishings (Line Specifications) (New Hishings (Line Specifications) (New Hishings) (New Hishings) (New Hish	14.05.07		SF	
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PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS Were Brush Netal Roof Seams to Remove Loose Paint, Rust or Exposes Bare Metal 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 RESATURATION OF ASPHALT ROOF SURFACE WITH SPHALT COATING SYSTEM Wet Var Roof to Remove Aggregate. Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied at 6-8 Gallons per 5g., w New Gravel According to Manufacturer's Specifications (New Flashings also Required Separate Line Item) RESATURATION OF ASPHALT TOR COAL TAR PITCH BURS WITH COAL-TAR PITCH COATING SYSTEM Wet Var Roof to Remove Aggregate. Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied at 6-6 Gallons per 5g., w New Gravel According to Manufacturer's Specifications (New Flashings also Required Refer to Flashing Line Item) RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blassing (USS SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with T5P or Simple Green; Use Portable Blowers to Clear Roof of Moisture, Apply seam sealer to seams (1 Gallon per 14 left) Base Coal / Top Coat with Synthetic Rubbertzed Restorative Coating (1.5 Gallons per 5g.) According to Manufacturer's Specifications RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blassing (USS SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with T5P or Simple Green, Lupply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 14 Gallon per Square; Wait at least 3 Hours for Primer to Dry. Strip in Seams, Around Penetations and Fasteners with a Single-Component, Alphatic Urethane at a Rate of 2 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square; Square on All Stripped-In Areas) USS SEPRATE LINE ITEM; Wait 24-48 Hours; Apply Two-Com		PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE		
Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal FREAR METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF	15.01	Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal	SF	
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 RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM Wet I Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied at 6-3 Galions per 5q. w. New Cravel According to Manufacturer's Specifications (New Flasthings also Required Separate Line Item) SF RESATURATION OF ASPHALT OR COAL TAR PITCH BURS WITH COAL-TAR PITCH COATING SYSTEM Wet I Vac Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied at 6-3 Galions per 5q. w. New Gravel According to Manufacturer's Specifications (New Flasthings also Required Applied at 6-3 Galions per 5q. w. New Gravel According to Manufacturer's Specifications (New Flasthings also Required Refer to Flashing Line Item) SF 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 Biowers to Clear Roof of Moisture, Apply seam sealer to seams (1 Galion per 14 left) Base Coat 7 top Coat with Synthetic Rubberized Restorative Coating (1.5 Galions Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING), Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1.4 Galion per Square (3 Galions per Square on All Stripped in Areas) USE SEPARATE LINE ITEM / Wit 24-48 Hours, Apply Single-Component, Allphatic Urethane as a Base Coat at a Rate of 1.6 Galions per Square / Reinforcement / 1 Galion per Square (3 Galions per Square on All Stripped in Areas) USE SEPARATE LINE ITEM; Wit 24-48 Hours, Apply Two-Component, Low-Octor Urethane as a Base of Coalions per Square and Top Coat at a Rate of 1.0 Galion	45.00			
Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal RESATURATION OF A SPHALT 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) 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) 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 RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING), Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corosion Resistance at a Rate of 11 M Gallon per Square, Wlat at least 3 Hours for Primer to Dry. Stip in Seams, Around Penetrations and Fasteners with a Single-Component, Allphatic Urethane at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Wat at least 3 Hours for Primer to Dry. Stip in Seams, Around Penetrations and Fasteners with a Two-Component, Low-Order Urethane as a Base Coat at a Rate of 1.0 Gallon per Square of Manufacturer's Specifications. RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE Prep	15.02		LF	
RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalf Flood Coat & New Aggregate - Coating Applied at 6-8 Galions per Sq. wi New Gravel According to Manufacturer's Specifications (New Flashings also Required Separate Line Item) SF 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 Galions per Sq. wi New Gravel According to Manufacturer's Specifications (New Flashings also Required Applied at 6-8 Galions per Sq. wi New Gravel According to Manufacturer's Specifications (New Flashings also Required Refer to Flashing Line Item) SF RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING OR WIRE BRUSHING); Clean with TSP or Simple Green; Use Portable Biowers to Clear Roof of Molsturer, Apply seam sealer to seams (1 Galion per 14 left) Base Coat / Top Coat with Synthetic Rubberized Restorative Coating (1.5 Galions per Sq.) According to Manufacturer's Specifications RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE Prepare Metal Roof Sufface 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 Galion per Square (Worth Emitre Roof According to Manufacturer's Specifications. RESTORATION OF A METAL ROOF SYSTEM WITH WITH WITH WITH WITH WITH A STAND AND A STAND A	15.03		SF	
Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied af 6-8 Gallons per Sq. wi New Gravel According to Manufacturer's Specifications (New Flashings also Required Separate Line Item) 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 af 6-8 Gallons per Sq. wi New Gravel According to Manufacturer's Specifications (New Flashings also Required Applied af 6-8 Gallons per Sq. wi New Gravel According to Manufacturer's Specifications (New Flashings also Required 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 Coal 1 for Coat with Synthetic Rubberized Restorative Coating (1.5 Gallons per Sq.) According to Manufacturer's Specifications RESTORATION OF AMETAL 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 14 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 and Top Coat at a Rate of 1.0 Gallon per Square (Sallons 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 Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square (Sallons per Square on All Stripped in Areas) USE SEPARATE LINE ITEM FOR Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or	10.00		<u> </u>	
Separate Line Item) RESATURATION OF ASPHALT OR COAL TAR PITCH BURS WITH COAL-TAR PITCH COATING SYSTEM Well 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 Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Gravel Accordin		Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating		
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) 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 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 14 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 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. 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 or All Stripped in Areas) USE SEPARATE LINE ITEM FOR 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, Prime at				
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Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required 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 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 () all Stripped in Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Single-Component, Aliphatic Urethane at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Cover the Entire Roof According to Manufacturer's Specifications. 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 on all Stripped-in Areas) 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 () all stripped-in Areas) 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 () all stripped-in Areas) USE SEPARATE LINE ITEM FOR SQUARE AREA () and SQUARE BRUSHING); Clean with T				
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 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 or Residence of the Strip of the Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square on All Stripped in Areas) USE SEPARATE LINE ITEM; Wait 24-49 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 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 on All Stripped-In Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Two-Component, Low-Oder Urethane at a Rate of 2 Gallons per Square on All Penetrations and Fasteners with a Two-Component, Low-Oder Urethane at a Rate of 1.5 Gallons per Square on All Stripped-In Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours, Apply Two-Component, Liphatic Pr				
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 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 as a Rate of 2 Gallons per Square and Top Coat at a Rate of 1.0 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 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications. SF RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush of 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 on Penetrations and Fasteners with a Two-Component, Low-Oder Urethane at a Rate of 1.5 Gallons per Square and Top Resistance at a Rate of 1.0 Gallon per Square (3 Gallons per Square) Primer with Rareas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Two-Component, Liphating of Blasting (USE SEPARATE LINE ITEM FOR BLASTING Wait; Install Base Coat	15.05		SF	
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 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 or / 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 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 1.1 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 Sequare (1 Reinforcement / 1 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 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 (2 Gallons per Square on All Stripped-In Areas) USE SEPARATE LINE ITEM FOR BLASTING & WIRE BRUSHING; Clean with TSP or Simple Green, Prime at a Rate of				
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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 114 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. **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 () 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** **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, Lise Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Surface of Moisture; S	15.06		SF	
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 114 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. **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 () 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** **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, Lise Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Surface of Moisture; S		DESTORATION OF A METAL BOOF SYSTEM WITH SINGLE COMPONENT LIBETHANE		
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; Walt 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 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 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 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 RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE & STRIPPED SEAMS Prepare Roof Surface by Cleaning with TSP or Simple Green				
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	15.10	Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.	SF	

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	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		
15.11	Square Over the Entire Roof According to Manufacturer's Specifications.	SF	
	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		
15.12	Manufacturer's Specifications.	SF	
10.12	RESTORATION OF A MINERAL-SURFACED BURS/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT	<u> </u>	
	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-		
15.13	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	
13.13	i i	JI.	
	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		
15.14	Manufacturer's Specifications.	SF	
	DESTORATION OF A SINGLE DLY WITH TWO COMPONENT LOW ODER LIBETUANT & STRIPPER OF COMPONENT LOW		
	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		
15.15	Specifications.	SF	
	DESTABLATION OF SMOOTH SUBSACED BUR-MODIFIED BURS BOOF SVOTEMS WITH TWO COMPONENT		
	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		
15.16	Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	SF	
	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-		
45 47	Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to	0.5	
15.17	Manufacturer's Specifications.	SF	
	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		
15.18	Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	SF	
	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		
15.19	Manufacturer's Specifications.	SF	
	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		
15.20	rate of 1/2 - 3/4 Gallons per Square; Apply neavy-bodied, fiber reinforced aspnalt roof coating and embed firm polyester reinforcement at a rate of 3.0 Gallons per Square / Polyester /3.5 Gallons per Square.	SF	
	RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT	<u>J.</u>	
	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		
15.21	reinforcement at a rate of 1.2 Gallons per Square / Polyester /1.4 Gallons per Square.	SF	
	RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT		
	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		
15.22	reinforcement at a rate of 3.5 Gallons per Square / Polyester / 3.5 Gallons per Square.	SF	

1	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		
15.23	Rate Of 1/2 - 3/4 Gallons Per Square; Apply Heavy-Bodied, Fiber Reinforced Asphalt Roof Coating And Embed Soft	SF	
15.25	Polyester Reinforcement At A Rate Of 1.4 Gallons Per Square / Polyester /1.4 Gallons Per Square. COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING	SI .	
	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		
15.24	Rate of 2 Gallons per Square. RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-	SF	
	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.		
45.05	Embed Polyester into the Asphalt Emulsion in a 2 Coat Application at a Rate of 3 Gallons per Square / Polyester / 3	0.5	
15.25	Gallons per Square	SF	
	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		
15.26	Asphalt Emulsion in a 2 Coat Application at a Rate of 2.5 Gallons per Square per Coat.	SF	
	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		
15.27	2.5 Gallons per Square	SF	
	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;		
15.28	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	
10.20		J1	
	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		
15.29	Flashings also Required Refer to Flashing Line Item)	SF	
	REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE		
15.30	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	
10.00	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		
15.31	per Square (3 Gallons per Square on Seams)	LF	
	STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE		
15.32	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	
	Curp in Scamo by Applying a Two Component, Low Sacr Cremane 2 Canons per Square		
16.00	INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS		
	INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -		
40.04	New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks &	0.5	
16.01	Valleys REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -	SF	
	New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All		
16.02	Eaves, Peaks & Valleys	SF	
	INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -		
16.03	New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
10.00	INSTALL NEW CEDAR SHAKE ROOF SYSTEM -	J.	
	New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves,		
16.04	Peaks & Valleys	SF	
	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		
16.05	All Eaves, Peaks & Valleys	SF	
	INSTALL SLATE TILE ROOF SYSTEM -		
40.00	New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves,	05	
16.06	Peaks & Valleys	SF	
	ADD/DEDIUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -		
16.07	Install Self-Adhering Underlayment on Entire Roof Deck	SF	
17.00	FULLY ADHERED SINGLE-PLY ROOF SYSTEMS		
17.01	METAL DECK - SINGLE-PLY APPLICATION		
	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		
17.01.01	INSULATION OPTION: of 20	SF	
17.02	WOOD/TECTUM DECK - SINGLE-PLY APPLICATION		

		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		
17.02.01	INSULATION OPTION:	of 20	SF	
		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		
17.02.02	INSULATION OPTION:	an Average R-Value of 20	SF	
17.02.02	INOUEATION OF TION.	all Average IX-value of 20	- 31	
		Without Insulation - Must Include Rosin &		
17.02.03	INSULATION OPTION:	Mechanically Fasten Glass Base Sheet	SF	
17.03	LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION			
		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		
17.03.01	INSULATION OPTION:	Average R-Value of 20	SF	
		W//		
47.00.00	INCLU ATION ORTION	Without Insulation - Must Include Rosin &	0.5	
17.03.02		Mechanically Fasten Glass Base Sheet	SF	
17.04	CONCRETE DECK - SINGLE-PLY APPLICATION			
		Adhere Polyisocyanurate in Insulation		
		Adhesive / Adhere 1/2" Treated Gypsum		
		Insulation Board with Glass-Mat (e.g.		
		DensDeck / Securock / Equal) in		
47.04.01		Insulation Adhesive to Provide an	0=	
17.04.01	INSULATION OPTION:	Average R-Value of 20	SF	
		Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with		
		Glass-Mat (e.g. DensDeck / Securock /		
		Equal) in Insulation Adhesive to Provide		
17.04.02	INSULATION OPTION:		0.5	
	INSOLATION OF HON.	an Average K-value of 20	SF	
	ROOF CONFIGURATION:	an Average K-value of 20	SF	
17.05			SF	
	ROOF CONFIGURATION:	Insulation ASTM D 4637 - Ethylene Propylene	SF	
17.05	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil		
	ROOF CONFIGURATION:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	SF	
17.05	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene		
17.05 17.05.01	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil	SF	
17.05	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness		
17.05 17.05.01	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene	SF	
17.05.01 17.05.02	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil	SF SF	
17.05 17.05.01	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	SF	
17.05.01 17.05.02	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin	SF SF	
17.05.01 17.05.02 17.05.03	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin	SF SF	
17.05.01 17.05.02 17.05.03	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin	SF SF	
17.05.01 17.05.02 17.05.03 17.05.04	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin	SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin	SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride	SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride	SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.09	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.09	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.09 17.05.10	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.09 17.05.10	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	SF SF SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	SF SF SF SF SF SF SF SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering Cost to Provide 15 Year - Material	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4834 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering 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	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.06 17.05.06 17.05.08 17.05.09 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering 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	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.07 17.05.08 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering 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	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.08 17.05.09 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene ASTM D 6754 - Ketone Ethylene ASTM D 6754 - Ketone ASTM D 6754 - Ketone ASTM D 6754 - Ketone	SF	
17.05.01 17.05.02 17.05.03 17.05.04 17.05.05 17.05.06 17.05.08 17.05.09 17.05.10 17.05.11 17.05.12	ROOF CONFIGURATION: Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or SINGLE-PLY ROOF TYPE: SINGLE-PLY ROOF TYPE:	Insulation ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness ASTM D 6754 - Ketone Ethylene ASTM D 6754 - Ketone Ethylene ASTM D 6754 - Ketone ASTM D 6754 - Ketone ASTM D 6754 - Ketone	SF	

		In the second second				
17.05.17	WARRANTY UPCHARGE:		SF			
17.05.18	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF			
	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH					
18.00	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:	·	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 10 Year Waterproofing Material Warranty	SF			
10.01.00		Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this				
18.01.06	WARRANTY CHARGES:	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:	·	SF			
18.02.03	FLUID APPLIED MEMBRANE SYSTEM:	Three Coat Reinforced System	SF			
18.02.04	FLUID APPLIED MEMBRANE 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	SF			
18.02.05	WARRANTT CHARGES:	10 Year Waterproofing Material Warranty	<u> Эг</u>			
18.02.06	WARRANTY CHARGES:	Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this	SF			
10.02.00	WARRANTI CHARGES.	Section 16.02	3F			
18.03	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS & PREPARATION					
10.00.01	CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH	05				
18.03.01	Removal and replacement of damaged concrete to exclude substrate repair / re-installation CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH		SF			
18.03.02	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			
	CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH					
18.03.04	Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH		SF			
18.03.05	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			
	HANDHELD GRINDING Grind an existing coating in areas that only can be done by hand		SF			
	MILLING Mill an existing coating 1/8 inch to 1/4 inch		SF			
	PRESSURE WASHING - HORIZONTAL Pressure washing horizontal surfaces with 2000 PSI or greater		SF			
	PRESSURE WASHING - VERTICAL Pressure washing horizontal surfaces with 2000 PSI or greater Pressure washing horizontal surfaces with 2000 PSI or greater		SF			
	SAND BLASTING Sand blast an existing coating		SF			
	Shot blast an existing coating Shot blast an existing coating		SF			
	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS & SURFACE PREPARATION					
	STRUCTURAL EXPANSION JOINT					
18.04.01	Installation or replacement of an expansion joint that is necessary for structural in		LF			

	CALILIZING TOINTS						
18.04.02	CAULKING JOINTS Installation of caulking in joints. See caulking chart						
	ROUTING AND REMOVAL OF EXISTING CAULK						
18.04.03	Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR						
18.04.04	Route cracks, drill holes every 18" inches, and inject and seal with epoxy						
18.04.05	TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS						
	WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT						
18.05	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING						
	INSTALL REINFORCEMENT IN COATING SYSTEM						
18.05.01	Installation of reinforcement adjustment of coverage rates to accommodate reinforcement						
	BROADCAST GRANULES TO PROVIDE SKID RESISTANCE Broadcast aggregate or granules to provide skid resistance in top coat						
	WALL COATINGS FOR COATING WALL SYSTEMS						
19.00	ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -						
19.01	Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified						
	ELASTOMERIC COATING FOR EFIS WALL SYSTEM -						
19.02	Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified						
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						
	ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -						
19.04	Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified						
20.00	NEW FLASHINGS FOR ROOFING SYSTEMS & RESTORATION OPTIONS						
	ROOF FLASHINGS FOR MODIFIED & COAL TAR PITCH ROOF SYSTEMS:						
20.01	Minimum 1 Ply of Base Flashing and Mineral Cap Sheet Installed in Hot ASTM D	312 Type III or IV Asphalt					
		Congrete Book & Ton Dhu BASE DI V					
		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					
20.01.01	FLASHING OPTION:	Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	SF				
20.01.01	I LASITING OF HON.	BASE PLY: SBS Modified Fiberglass	- 31				
		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					
20.01.02	FLASHING OPTION:		SF				
		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					
20.01.03	FLASHING OPTION:	Bituminous Sheet Material Type III - 310	SF				
20.01.03	FLASHING OF HON.	BASE PLY: SBS Modified Fiberglass	<u> </u>				
		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					
20.01.04	FLASHING OPTION:		SF				
		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					
20.01.05	FLASHING OPTION:	· ·	SF				
		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					
00.04.04	a.m.a a	Reinforced Modified Bituminous Sheet	0=				
20.01.01	FLASHING OPTION:	Material Type II - 80 lbf/in tensile BASE PLY: SBS Modified Fiberglass	SF				
		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					
20.01.02	FLASHING OPTION:		SF				

		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		
20.01.03	FLASHING OPTION:		SF	
20.01.00	1 2/6/11/0 0/ 1/6/11	BASE PLY: SBS Modified Fiberglass	<u> </u>	
		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		
20.01.04	FLASHING OPTION:	lbf/in tensile	SF	
		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		
20.01.05	FLASHING OPTION:	,	SF	
20.01.00	1 EAGIIING OF FIGN.	BASE PLY: SBS Modified	<u> </u>	
		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		
20.01.06	FLASHING OPTION:	lbf/in tensile	SF	
		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		
20.01.07	FLASHING OPTION:		SF	
		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		
20.01.08	FLASHING OPTION:	, , , , , , , , , , , , , , , , , , , ,	SF	
20.01.06	FLASHING OF HON:		эг	
		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		
20.01.09	FLASHING OPTION:		SF	
		BASE PLY: SBS Modified		
		Polyester/Fiberglass Reinforced Base		
		Flashing Ply - 300 lbf/in tensile (ASTM D		
Ĩ		5147); TOP PLY: ASTM D 6162 SBS		
Ĩ		Fiberglass/Polyester Reinforced Modified		
		Bituminous Sheet Material Type III - 600		
20.01.10	FLASHING OPTION:	lbf/in tensile	SF	
	PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING	ADHESIVE		<u> </u>
20.01.11	Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application	on	SF	
	PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING			
20.01.12	Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flas	shing Adhesive Application	SF	
	Torch Applied Flashings -			
20.02	Minimum 1 Ply of Torch Base and Torch Mineral Cap Sheet; Torch Applied			
	l		I	
		BASE PLY: SBS Modified		
		Polyester/Fiberglass Reinforced Base		
		Torch Applied Flashing Ply - 80 lbf/inch		
Ĩ		tensile (ASTM D 5147); TOP PLY:		
Ĩ		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
Ĩ		Material Type III - 300 lbf/in Tensile		
20.02.01	FLASHING OPTION:	Torch Applied Membrane	SF	
	Self-Adhering Flashings -			
20.03	Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Sel	f-Adhering		
		BASE PLY: SBS Polyester OR		
		Fiberglass/Polyester OR Fiberglass		
Ĩ		Reinforced Self-Adhering Flashing Ply -		
Ĩ		50 lbf/ tensile (ASTM D 5147); TOP PLY:		
	1	ASTM D 6161 (Polyester) OR 6162		
		10 S 10/11 6767 (Polyaetar) (1P 6167		
		` ,		
		(Fiberglass/Polyester) OR 6163		
		(Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced		
		(Fiberglass/Polyester) OR 6163		
20.03.01	FLASHING OPTION:	(Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced	SF	

	Single-Ply Flashings - Eully Adhered Single Ply Reef Elections Installed on Corresponding Single Ply F	Poof Systems	
20.04	Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply F	ASTM D 4637 - Ethylene Propylene	
20.04.01	ROOF MEMBRANE OPTION:	Diene Terpolymer (EPDM) - 45 Mil	SF
		ASTM D 4637 - Ethylene Propylene	
20.04.02	ROOF MEMBRANE OPTION:		SF
		ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil	
20.04.03	ROOF MEMBRANE OPTION:	. , ,	SF
20.04.04	ROOF MEMBRANE OPTION:		SF
20.04.05	ROOF MEMBRANE OPTION:	` '	SF
20.04.06	ROOF MEMBRANE OPTION:	\ /	SF
20.04.07	ROOF MEMBRANE OPTION:	. ,	SF
20.04.08	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	SF
20.04.09	ROOF MEMBRANE OPTION:	, ,	SF
20.04.10	ROOF MEMBRANE OPTION:	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	SF
00.01		ASTM D 6754 - Ketone Ethylene Ester	0.5
20.04.11	ROOF MEMBRANE OPTION:	ÀSTM D 6754 - Ketone Ethylene Ester	SF
20.04.12	ROOF MEMBRANE OPTION:	(KEE) - 80 Mil Thickness	SF
	METAL WALL PANEL SYSTEMS		
	WALL SYSTEM Exposed Fastener Wall Panel System		
		Bare Aluminum Panel Price -	
21.01.01		0.032" Aluminum, 36" Wide Panels Add for Bare Aluminum 0.040"	SF
21.01.02		Aluminum, 36" Wide Panels	SF
21.01.03	PANEL WIDTH OPTION:	Add for 32" Panel Width - Aluminum Bare Galvalume Coated Steel or Equal	SF
21.01.04	THICKNESS OPTION:	Panel Price - 24 Ga, 36" Wide Panels Bare Galvalume Coated Steel or Equal	SF
21.01.05	THICKNESS OPTION:	Panel Price - 22 Ga, 36" Wide Panels Add for 32" Panel Width - Galvalume	SF
21.01.06	PANEL WIDTH OPTION:		SF
		Add for Standard Colors - Fluorocarbon	
21.01.07	COLOR OPTION.	Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF
21.01.07	COLOR OF HON:	·	Sr .
		Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or	
21.01.08	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF
		Add for Premium or Custom Colors - Fluorocarbon Paint System Over	
		Aluminum or Galvalume Coated Steel Or	
21.01.09	COLOR OPTION:	Equal Stainless Steel	SF
21.01.10	THICKNESS OPTION:	Panel Price - 24 Ga, 36" Wide Panels Stainless Steel	SF
21.01.11	THICKNESS OPTION:	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 Copper	SF
21.01.14		Panel Price - 20 Oz., 36" Wide Panels	SF SE
21.01.15	PANEL WIDTH OPTION:	Add for 32" Panel Width - Copper Zinc	SF
21.01.16	THICKNESS OPTION:	Panel Price - 0.032", 36" Wide Panels Zinc	SF
21.01.17		Panel Price - 0.040", 36" Wide Panels	SF
21.01.18	PANEL WIDTH OPTION:	Add for 32" Panel Width - Zinc Over Girts; 3/4" of Expanded Polystyrene	SF
21.01.19	PANEL INSTALLATION & INSULATION OPTION:	(Minimum 1.5 lbs./cft) Installed Between	SF
		Over Girts; Mechanically Fastened	
21.01.20	PANEL INSTALLATION & INSULATION OPTION:		SF
		Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-	
21.01.21	PANEL INSTALLATION & INSULATION OPTION:	_	SF

		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		
21.01.22	PANEL INSTALLATION & INSULATION OPTION:	•	SF	
		RAIN SCREEN CONFIGURATION:		
		Over Existing Wall Construction - Air		
		Barrier (Priced Separately Below), Rock		
		Wool or Extruded Polystyrene Insulation		
		(Priced Separately Below) & Metal Wall		
04 04 00	DANIEL INCTALLATION & INCLUATION OPTION.	Panel Drainage, Ventilation and	0.5	
21.01.23 21.01.24	PANEL INSTALLATION & INSULATION OPTION: PANEL INSTALLATION & INSULATION OPTION:		SF SF	
	WALL SYSTEM	Over 1 tywood, 140 msdiation	31	
21.02	Concealed Fastener Wall Panel System - 12" Wide Panels			
04.00.04	THICKNESS OPTION	Bare Aluminum Panel Price -	0.5	
21.02.01	THICKNESS OPTION:	0.032" Aluminum Thickness	SF	
21.02.02	THICKNESS OPTION:	Add for Bare Aluminum, 0.040"	SF	
21.02.02	THICKNESS OF HON.	Bare Galvalume Coated Steel or Equal	31	
21.02.03	THICKNESS OPTION:	·	SF	
		Bare Galvalume Coated Steel or Equal		
21.02.04	THICKNESS OPTION:	Panel Price - 22 Ga	SF	
		A 4 4 5 7 94 1 4 9 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
		Add for Standard Colors - Fluorocarbon		
21.02.05	COLOD OPTION.	Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	
21.02.00	COLOR OF HON.	Sarvaranno Obatou Oteor Or Equal	<u> </u>	
		Add for Designer Colors - Fluorocarbon		
		Paint System Over Aluminum or		
21.02.06	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
I		Add for Premium or Custom Colors -		
		Fluorocarbon Paint System Over		
04 00 07	COLOR OPTION	Aluminum or Galvalume Coated Steel Or	0.5	
21.02.07	COLOR OPTION:	Stainless Steel	SF	
21.02.08	THICKNESS OPTION:	Panel Price - 24 Ga Thickness	SF	
		Stainless Steel	<u> </u>	
21.02.09	THICKNESS OPTION:	Panel Price - 22 Ga Thickness	SF	
		Copper		
21.02.10	THICKNESS OPTION:	Panel Price - 16 Oz Thickness	SF	
04 00 44	THICKNESS OPTION.	Copper	65	
21.02.11	THICKNESS OPTION:	Panel Price - 20 Oz Thickness Zinc	SF	
21.02.12	THICKNESS OPTION:	Panel Price - 0.032" Thickness	SF	
		Zinc		
21.02.13	THICKNESS OPTION:	Panel Price - 0.040" Thickness	SF	
		Over Girts; 3/4" of Expanded Polystyrene		
		(Minimum 1.5 lbs./cft) Installed Between		
21.02.14	PANEL INSTALLATION & INSULATION OPTION:		SF	
		Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-		
21.02.15	PANEL INSTALLATION & INSULATION OPTION:	, ,	SF	
21.02.10	FARLE INCIDENTION & INCOLATION OF HON.	Over Girts; Mechanically Attach Batten	<u> </u>	
		Fiberglass Insulation with an Average R-		
21.02.16	PANEL INSTALLATION & INSULATION OPTION:	Value of 19 Installed Between Girts	SF	
21.02.17	PANEL INSTALLATION & INSULATION OPTION:		SF	
		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		
21.02.18	PANEL INSTALLATION & INSULATION OPTION:	<u> </u>	SF	
		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		
21.02.19	PANEL INSTALLATION & INSULATION OPTION:	Attachment System	SF	
04.00.55		Add for Factory Insulated Concealed	0-	
21.02.20	PANEL TYPE OPTION:	rastener vvali Panel	SF	
	AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WAL	LS OR STUD WALL WITH EXTERIOR		
21.03	GYPSUM SHEETING)			
21.03.01	Non-Permeable Option:	Fluid Applied System - ASTM 2178	SF	
		Fluid Applied Water Based System -		
21.03.02	Non-Permeable Option:	ASTM 2178	SF	

21.03.03	Non-Permeable Option: Membrane System - ASTM E 2178	SF	
21.00.00	Fluid Applied System - ASTM E 2178 &	0.	
21.03.04	Permeable Option: ASTM E 96	SF	
04 00 05	Fluid Applied Water Based System -	0.5	
21.03.05	Permeable Option: ASTM 2178 & ASTM E 96 Membrane System - ASTM 2178 &	SF	
21.03.06	Permeable Option: ASTM E 96	SF	
21.04	INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)		
24.04.04		SF	
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	1" Extruded Polystyrene Insulation Insulation Option: Installed	SF	
21.04.00	2" Extruded Polystyrene Insulation	<u> </u>	
21.04.06	Insulation Option: Installed	SF	
21.04.07	3" Extruded Polystyrene Insulation Insulation Option: Installed	SF	
21.04.07	4" Extruded Polystyrene Insulation	35	
21.04.08	Insulation Option: Installed	SF	
	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 based upon a 200 - 300 square roofing project that is being performed on a box- or rectangular-shaped building, project will have only one roof level that is not more than 20 ft high from the ground. The roof is anticipated to have minimal penetrations/obstructions. It is also based upon a 200 - 300 square masonry, wall panel or waterproofing of the building are assumed to be box- or rectangular- shaped with minimal doors, windows, penetrations or obstantial.	It is also assove clear acc project. The	sumed that the ess point and e exterior sides
22.00	that the sides of the building will have clear tie-off points and easy to access while work is being performed.		io anno paro a
22.01	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. 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,		
22.02	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.	%	
	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		
22.04	be performed on two (back-to-back) shifts, work requires larger than standard crew sizes, etc.	%	
	MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS		
22.05	Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.	%	
22.00	MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS	/0	
	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		
22.06	work, electrical wires, hoses or raised equipment, etc. 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		
22.07	clearance requiring more hand work include, but are not limited to rooftop equipment.	%	
00.00	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	64	
22.08	safety requirements, larger lift equipment, tie-offs, etc. 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		
22.09	safety requirements, larger crane equipment, tie-offs, etc.	%	
	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,		
22.10	etc.	%	

	<u></u>		
	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		
22.11	wall coatings, masonry repairs or waterproofing work that requires the use of a swing stage.		
	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		
22.12	and/or curves, have multiple roof area dividers or expansion joints, long and narrow	%	
	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		
22.13	requires additional safety precautions.	%	
	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		
22.14	labor production and require additional safety precautions.	%	
	MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF	70	
	Multiplier is applied when Roof Size is less than 500 SF. Situation creates the fixed costs: equipment, mobilization,		
22.45	demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a	0/	
22.15	significant impact on the overall job costs	%	
	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		
22.16	fixed costs having a significant impact on the overall job costs	%	
	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		
22.17	fixed costs having a significant impact on the overall job costs	%	
	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		
22.18	fixed costs having a significant impact on the overall job costs	%	
	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		
22.19	fixed costs being a larger portion of the overall job costs	%	
22.19		/0	
	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:		
00.00	equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in	0/	
22.20	fixed costs being a larger portion of the overall job costs	%	
	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		
22.21	resulting in fixed costs being a slightly larger portion of the overall job costs	%	
	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		
22.22	resulting in fixed costs being a lower portion of the overall job costs	%	
	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		
22.23	costs being a small impact on the overall job costs	%	
	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		
22.24		%	
.2.24	fixed costs being a slight impact on the overall job costs	70	
	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,		
22.25	demobilization, disposal, & set-up labor to be allocated across very large roof area resulting in fixed costs being a minimal	0/	
22.25	impact on the overall job costs	%	

23.01	Cleaning & Caulking Pressure Wash to Clean Horizontal Surfaces	C.E.	
23.01	Pressure Wash to Clean Vertical Surfaces	SF SF	
23.02	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 LF	
23.21	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF LF	
23.22	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/4" Diameter	LF LF	
23.24	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1" Diameter	LF	
25.24	Masonry section	UNIT	\$ per Unit
23.25	Remove and Reset Bricks; 1-50 SF	SF	y per omit
23.26	Remove and Reset Bricks; 1-50 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	
	Prick block and brick exterior well maintenance, renair and application of protective coatings	LINUT	¢ nor Unit
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	UNIT	\$ per Unit
23 31	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage		\$ 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	\$ 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) Selective Demolition of Brick Masonry Units with perimeter saw cutting	Each SF	
23.32	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting	Each SF UNIT	\$ per Unit
23.32	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth)	SF UNIT SF	
23.32 23.33 23.34	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by ¾" depth)	Each SF UNIT SF SF	
23.32 23.33 23.34 23.35	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth)	Each SF UNIT SF SF SF	
23.32 23.33 23.34	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth)	Each SF UNIT SF SF SF SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work	Each SF UNIT SF SF SF SF UNIT	
23.32 23.33 23.34 23.35 23.36 23.37	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth)	Each SF UNIT SF SF SF UNIT SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 3¼" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth)	Each SF UNIT SF SF SF SF SF SF SF SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth)	Each SF UNIT SF SF SF SF SF SF SF SF SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth)	Each SF UNIT SF SF SF SF SF SF SF SF SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets	Each SF UNIT SF SF SF SF SF SF SF SF SF UNIT	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high)	Each SF UNIT SF SF SF SF SF SF SF SF SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets	Each SF UNIT SF SF SF UNIT SF SF SF SF SF SF SF SF	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high)	Each SF UNIT SF SF SF SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (24" high)	Each SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high)	Each SF UNIT SF SF SF UNIT SF	\$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.42 23.43 23.44 23.45 23.46	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high) Reconstruction of Brick Masonry Roof Parapets New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (42" high)	Each SF UNIT SF SF SF UNIT SF SF SF UNIT SF	\$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.42 23.43 23.44 23.45	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1 ½" depth) Furnish and install new mortar (¾" wide by 1 ½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high)	Each SF UNIT SF SF SF SF SF SF SF UNIT SF SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.42 23.43 23.44 23.45 23.46	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 3¼" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Reconstruction of Brick Masonry Roof Parapets New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high)	Each SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ½" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Reconstruction of Brick Masonry Roof Parapets New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high)	Each SF UNIT SF	\$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48 23.49	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Reconstruction of Brick Masonry Roof Parapets New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high)	Each SF UNIT SF SF SF UNIT SF SF SF UNIT SF SF SF UNIT SF SF UNIT SF SF UNIT SF SF SF UNIT SF SF	\$ per Unit \$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48 23.49 23.50	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ½" depth) Removal of existing mortar (½" wide by ½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ½" depth) Furnish and install new mortar (½" wide by ½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Reconstruction of Brick Masonry Roof Parapets New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New Through wall Flashings Removal and replacement of steel lintel	Each SF UNIT SF SF SF SF UNIT SF SF SF UNIT SF	\$ per Unit \$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48 23.49 23.50 23.51	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ½" depth) Furnish and install new mortar (¾" wide by ½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wild (42" high) New brick masonry parapet wistone coping and flashings (24" high) New brick masonry parapet wistone coping and flashings (42" high) New brick masonry parapet wistone coping and flashings (42" high) New brick masonry parapet wistone coping and flashings (42" high) New brick masonry parapet wistone coping and flashings (42" high) New Through wall Flashings Removal of 4 courses brick wall w/Temporary Shoring Removal and replacement of steel lintel Furnish and install new flashings (Bituthane)	Each SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit \$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48 23.49 23.50 23.51 23.52	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (24" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) New brick masonry parapet w/stone coping and flashings (42" high) Removal of 4 courses brick wall w/Temporary Shoring Removal and replacement of steel lintel Furnish and install new flashings (Lead coated copper)	Each SF UNIT SF SF SF SF UNIT SF SF SF UNIT SF	\$ per Unit \$ per Unit \$ per Unit \$ per Unit
23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48 23.49 23.50 23.51	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ½" depth) Furnish and install new mortar (¾" wide by ½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wall (42" high) Removal of parapet wild (42" high) New brick masonry parapet wistone coping and flashings (24" high) New brick masonry parapet wistone coping and flashings (42" high) New brick masonry parapet wistone coping and flashings (42" high) New brick masonry parapet wistone coping and flashings (42" high) New brick masonry parapet wistone coping and flashings (42" high) New Through wall Flashings Removal of 4 courses brick wall w/Temporary Shoring Removal and replacement of steel lintel Furnish and install new flashings (Bituthane)	Each SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit \$ per Unit \$ per Unit \$ per Unit

23.55Removal of existing roof coping stones (16 inches)SF23.56Removal and parging of existing substrateSF23.57Furnish and install new lead coated copper flashingsSF23.58Drilling and epoxy grouting stainless steel pinsSF23.59Reinstallation of existing stones with cleaningSF23.60Furnish and install new coping stonesSF23.61Furnish and install new sealants between coping stones.SF23.62Cleaning and coating of existing stones.SF	\$ per Unit
23.56 Removal and parging of existing substrate 23.57 Furnish and install new lead coated copper flashings 23.58 Drilling and epoxy grouting stainless steel pins 23.59 Reinstallation of existing stones with cleaning 23.60 Furnish and install new coping stones 23.61 Furnish and install new sealants between coping stones. 23.62 Cleaning and coating of existing stones. CMU Backup Wall Repair and Waterproofing. SF UNIT	\$ per Unit
23.57 Furnish and install new lead coated copper flashings 23.58 Drilling and epoxy grouting stainless steel pins 23.59 Reinstallation of existing stones with cleaning 23.60 Furnish and install new coping stones 23.61 Furnish and install new sealants between coping stones. 23.62 Cleaning and coating of existing stones. CMU Backup Wall Repair and Waterproofing. SF UNIT	\$ per Unit
23.59 Reinstallation of existing stones with cleaning 23.60 Furnish and install new coping stones 23.61 Furnish and install new sealants between coping stones. 23.62 Cleaning and coating of existing stones. CMU Backup Wall Repair and Waterproofing. SF UNIT	\$ per Unit
23.60 Furnish and install new coping stones 23.61 Furnish and install new sealants between coping stones. SF 23.62 Cleaning and coating of existing stones. CMU Backup Wall Repair and Waterproofing. UNIT	\$ per Unit
23.61 Furnish and install new sealants between coping stones. SF 23.62 Cleaning and coating of existing stones. CMU Backup Wall Repair and Waterproofing. UNIT	\$ per Unit
23.62 Cleaning and coating of existing stones. CMU Backup Wall Repair and Waterproofing. SF UNIT	\$ per Unit
CMU Backup Wall Repair and Waterproofing.	\$ per Unit
	\$ per Unit
1 23.03 TREDIACEMENT OF DETERIORATED CIVIO BACK-UD	
23.64 Parging of CMU back-up wall SF	
23.65 Waterproofing of back-up wall SF	
	\$ per Unit
23.66 Drill and install new stainless steel pins.	φ per στιπι
23.67 Grouting of open cracks SF	
23.68 Replacement of cracked bricks SF	
	\$ per Unit
23.69 Placement of new high strength patching mortar (2" depth)	•
23.70 Placement of new high strength patching mortar (3.5" depth).	
23.71 Cleaning and coating of concrete surface.	
23.72 Sidewalk Bridging. SF	
23.73 Temporary Roof Protection SF	
	\$ 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	
Pitch pocket, 24 gauge, GI, 12" x 12", with storm collar, hemmed to outside, soldered corners and seams	
Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	
Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	
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"	
23.95 Installation of Roof Curbs 2" X 6"	
23.96 Installation of Roof Curbs 2" X 8"	
23.97 Installation of Coping/Edge Nailers 2" X 4"	
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 23.404 Installation of Coping/Edge Nailers 2" X 42"	
23.101 Installation of Coping/Edge Nailers 2" X 12" LF 23.102 Installation of Coping/Edge Nailers 2" X 14"	
23.102 Installation of Coping/Edge Nailers 2" X 14" 23.103 Installation of Coping/Edge Nailers 2" X 16" LF	
23.103 Installation of Coping/Edge Nailers 2" X 16" 23.104 Provide a cast iron drain strainer EA	
23.105 Reflash existing roof drain EA EA	
23.106 Scupper, .050 Aluminum, match existing configuration	
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	
	\$ 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	DAY %	
23.164	Additional Equipment (rental) % off published price Other Services	DAY % UNIT	\$ per Unit
23.164 23.165	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned	DAY % UNIT EA	\$ per Unit
23.164	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned	DAY % UNIT EA EA	
23.164 23.165	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options	DAY % UNIT EA	\$ per Unit \$ per Unit
23.164 23.165	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options Option 1: Cost of Quote Plus Mark-Up (Used when repair and installation services line item pricing is	DAY % UNIT EA EA	
23.164 23.165	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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	DAY % UNIT EA EA	
23.164 23.165 23.166	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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)	DAY % UNIT EA EA UNIT	
23.164 23.165 23.166	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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	DAY % UNIT EA EA UNIT	
23.164 23.165 23.166 23.167	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item	DAY % UNIT EA EA UNIT	
23.164 23.165 23.166	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available)	DAY % UNIT EA EA UNIT	
23.164 23.165 23.166 23.167	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 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	DAY % UNIT EA EA UNIT %	\$ per Unit
23.164 23.165 23.166 23.167	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 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	DAY % UNIT EA EA UNIT	
23.164 23.165 23.166 23.167	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 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 Please provide a price list with your complete material catalog(s) - A manufacturers catalog can be	DAY % UNIT EA EA UNIT %	\$ per Unit
23.164 23.165 23.166 23.167 23.168	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 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 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.	DAY % UNIT EA EA UNIT %	\$ per Unit
23.164 23.165 23.166 23.167 23.168	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 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 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	DAY % UNIT EA EA UNIT %	\$ per Unit
23.164 23.165 23.166 23.167 23.168	Additional Equipment (rental) % off published price Other Services Demobilization - Pre-Planned or Additional Un-planned Remobilization - Pre-Planned or Additional Un-planned Additional repair options 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 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 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.	DAY % UNIT EA EA UNIT %	\$ per Unit

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				

nless Steel & Copper				
Size / Gauge / Thickness	SS	SS	Copper	Copper
oize / Gauge / Thickness	24 Ga	26 Ga	16 oz	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				

ynar 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		_

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

					1 (Joinponent	Polyuletila	IIIE					
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		Multiplier	
Prevailing		for Prevailing	
Wage		Wage Rates	
Rate	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 inclu	ide 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):



Purchasing Department Duane McKinnev

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

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.

Racine County

Roofing Supplies and Services, Waterproofing, and Related Products and Services August 2019

2. Ouestion:

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:

August 2019

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.

Racine County
Roofing Supplies and Services, Waterproofing, and Related Products and Services
August 2019

10. Question:

By agreeing to the federal funding requirements set out in Attachment B, Exhibit D, is the bidder agreeing to follow these requirements on all projects delivered through the master agreement or only when the projects involve Federal funding and/or are performed directing for a Federal government agency?

Answer:

By agreeing to the Federal Funds Certifications, Exhibit D in Attachment B, the Bidder is agreeing to follow the requirements only when work, required by this Contract resulting from this IFB, involves federal funds from Federal and non-Federal entities.

Changes to the Specifications

1. Page 6 – Section B. TERMS AND CONDITIONS, 2. INSURANCE, ii. Minimum Limits of Insurance:

Remove item 6., regarding Builder's Risk, and replace with the following:

6. Installation Floater: Physical Damage Insurance which insures Racine County and Public Agencies for damages to all Property Purchased for, or Assigned to, the Project commencing on the start date through completion. Policy limits shall be in the minimum amount equal to the full insurable value of such equipment and 100% of the value of the contract herewith. The policy form shall be an All Risk form and shall include coverage for both during transit and while stored at the work site.

The remaining sections of Section B. TERMS AND CONDITIONS 2. INSURANCE, shall remain the same.

2. Page 11 – Section B. TERMS AND CONDITIONS

Insert the following to Section B. TERMS AND CONDITIONS:

6. PREVAILING WAGE REQUIREMENTS

Contractor agrees to follow all prevailing wage determinations applicable to the locality for each craft or type of worker needed to perform the work of this Contract to include each County in the State of Wisconsin. Prevailing Wages for the State of Wisconsin are located at http://dwd.wisconsin.gov/PrevailingWageSearch/PrevailingWage/SearchByCounty?Length=1 and incorporated by reference herein.

The remaining sections of Section B. TERMS AND CONDITIONS shall remain the same.

Racine County Roofing Supplies and Services, Waterproofing, and Related Products and Services August 2019

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



ADMINISTRATION AGREEMENT

	EEMENT (" <u>Agreement</u> ") is made as of, by and chasing Alliance Company, a Delaware corporation d/b/a <u>A Partners, Public Sector</u> ") and
("Supplier").	
	RECITALS
Agreement dated as of even date herewith Lead Public Agency and Supplier (as amo	"Lead Public Agency") has entered into a certain Master a, referenced as Agreement No, by and between ended from time to time in accordance with the terms thereof, cof(the "Products and Services");
government, school district, private K-12 institution (including community colleges government agency or nonprofit organiza Agencies") may purchase Products and S	ent provides that any state, county, city, special district, local school, technical or vocational school, higher education s, colleges and universities, both public and private), other tion (each a "Public Agency" and collectively, "Public ervices at the prices indicated in the Master Agreement upon Public Sector, in which case the Public Agency becomes a
	ablic Sector has the administrative and legal capacity to greement to Participating Public Agencies;
	Public Sector serves in an administrative capacity for Lead Public es in connection with other master agreements offered by
	desires OMNIA Partners Public Sector to proceed with on the same basis as other master agreements;
WHEREAS, OMNIA Partners Puto make available the Master Agreement	ublic Sector and Supplier desire to enter into this 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 ("<u>Master Agreement</u>"), attached hereto as <u>Exhibit A</u> and incorporated herein by reference as though fully set forth herein, and the terms and conditions contained therein shall apply to this Agreement except as expressly changed or modified by this Agreement.
- 1.2 OMNIA Partners Public Sector shall be afforded all of the rights and privileges afforded to Lead Public Agency under the Master Agreement, and such rights and privileges shall accrue and apply with equal effect to OMNIA Partners Public Sector under this Agreement including, without limitation, Supplier's obligation to provide insurance to Lead Public Agency.
- 1.3 Supplier shall perform all duties, responsibilities and obligations required under the Master Agreement.
- 1.4 OMNIA Partners Public Sector shall perform all of its duties, responsibilities and obligations as administrator of purchases under the Master Agreement as set forth herein, and Supplier acknowledges that OMNIA Partners Public Sector shall act in the capacity of administrator of purchases under the Master Agreement.
- 1.5 With respect to any purchases made by Lead Public Agency or any Participating Public Agency pursuant to the Master Agreement, OMNIA Partners Public Sector:
- (a) shall not be construed as a dealer, re-marketer, representative, partner, or agent of any type of Supplier, Lead Public Agency or such Participating Public Agency;
- (b) shall not be obligated, liable or responsible (i) for any orders made by Lead Public Agency, any Participating Public Agency or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement, or (ii) for any payments required to be made with respect to such order; and
- (c) shall not be obligated, liable or responsible for any failure by a Participating Public Agency to (i) comply with procedures or requirements of applicable law or ordinance, or (ii) obtain the due authorization and approval necessary to purchase under the Master Agreement.
- OMNIA Partners Public Sector makes no representations or guaranties with respect to any minimum purchases required to be made by Lead Public Agency, any Participating Public Agency, or any employee of Lead Public Agency or a Participating Public Agency under the Master Agreement.

ARTICLE II

TERM OF AGREEMENT

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

ARTICLE III

REPRESENTATIONS AND COVENANTS

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

3.2 OMNIA Partners Public Sector' Representations and Covenants.

- (a) <u>Marketing</u>. 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) <u>Training and Knowledge Management Support</u>. 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 "<u>Program Manager</u>" and collectively, the "<u>Program Managers</u>"), 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 <u>Supplier's Representations and Covenants</u>. 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 "<u>Supplier's Commitments</u>" and are comprised of the Corporate Commitment, Pricing Commitment, Economy Commitment and Sales Commitment):

(a) <u>Corporate Commitment</u>.

- (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) <u>Contracts Offering Lower Prices</u>. 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) <u>Deviating Buying Patterns</u>. 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) <u>Supplier's Options in Responding to a Third Party Procurement Solicitation</u>. 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) <u>Economy Commitment</u>. 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) <u>Sales Commitment</u>. 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, nontransferable, 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) <u>Branding and Logo Compliance</u>. 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) <u>Sales Force Training</u>. 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) <u>Participating Public Agency Access</u>. Supplier shall establish the following communication links to facilitate customer access and communication:
- (A) A dedicated OMNIA Partners Public Sector internet webbased homepage that is accessible from Supplier's homepage or main menu navigation containing:
 - (1) OMNIA Partners Public Sector standardlogo;
 - (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) <u>Electronic Registration</u>. 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) <u>Supplier's Performance Review</u>. 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 <u>Breach of Supplier's Representations and Covenants</u>. 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 <u>Indemnity</u>. 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,atSupplier'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 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

- 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 <u>Sales Reports.</u> 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 <u>Exhibit B</u>, summarizing all purchases made under the Master Agreement during such calendar month ("<u>Sales Report</u>"). 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 <u>Usage Reporting</u>. 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 <u>Entire Agreement</u>. 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) <u>Supplier</u>. 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) <u>OMNIA Partners Public Sector</u>. 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 <u>Notices</u>. 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 <u>Severability</u>. 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 <u>Waiver</u>. 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 <u>Counterparts</u>. 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 <u>Modifications</u>. This Agreement may not be effectively amended, changed, modified, altered or terminated without the prior written consent of the parties hereto.
- 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.
- 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 <u>Successors and Assigns</u>. 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.

Ву	
Name: Sarah E. Vavra	
Title: Sr. Vice President, Public Sector Contracting	
Date:	
Supplier:	
Ву	
Name:	
Title:	
Date:	

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

	Attachment C - Bid F	Offic	
Line Item		Unit	\$ per Unit
			V J 2
1.00	Roof Management, Design Assistant and/or Professional Services		
1.01	Full-time Quality Assurance monitoring	DAY	
	Asbestos core testing and analysis (testing only, excludes labor for sampling		
1.02	and repair)	EA	
	Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged		
1.03	at roof repair rates for appropriate system type)	EA	
	Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope,		
1.04	Calculated Area and Perimeter Measurements	EA	
	Aerial Wall Survey - Wall Pictures & Drawings Including Geometries, Calculated		
1.05	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	
1.10.07	Roof core cut per roof section (all roof sections on campus(s))	EA EA	
1.10.00 1.11	Comprehensive reporting	LA	
1.11.01	Comprehensive reporting Comprehensive report for visual survey (Roof by Roof)	EA	
1.11.01	Comprehensive report for visual survey (Roof by Roof) Comprehensive report for visual survey(All Roof Sections on Campus(es)	EA	
1.11.02	Comprehensive report for each roof section(s) surveyed (Item 1.07) or scanned	EA	
1.11.03	(Item 1.08)	EA	
1.11.00	Comprehensive report enertered into on-line data base for dynamic	LA LA	
1.11.04	reporting and tracking all roofing sections on Campus(s)	EA	
	Manufacturer's Technical Representative Contractor Training Session at Job		
1.12	Start-Up	DAILY	
	Wind Uplift Testing – Mobilize and provide wind uplift testing per Factory Mutual		
1.13	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		
	Laboratory Fungal Analysis: Cultured Fungi Identification & Enumeration (Not		
1.17.01	including engineering time for sampling)	EA	
<u> </u>	Laboratory Fungal Analysis: Total Fungi Spore Count (Not including		
1.17.02	engineering time for sampling)	EA	
	Laboratory Mold Analysis: Viable Airborne Mold Analysis (Not including		
1.17.03	engineering time for sampling)	EA	
		l l	

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	
	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		
1.17.06	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 1.20	Seamer Rental Charges Set-up Charges for Metal In-Shop Fabrication	DAY	
1.20	Set-up On-Site Roll Forming	EA EA	
1.22	Roof Fastener Pull Tests (As Many as Required per Roof Section)	EA 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	
	On-Site Quality Control Inspections with Report from Manufacturer's Rep - 3		
1.31	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	
	Project Design Assistance - Hourly Rate for Consultations with Architect of		
1.36	Record	EA	
	Project Design Assistance - Development of a recommended specification for a		
1.37	roofing or waterproofing project	EA	
	Roof Asset Management Report with recommended options for future course of		
1.38	actions and associated budgets for capital expense and maintenance planning.	EA	
4 20	Five year capital expense and maintenance plan (All roof section on for	F.A.	
1.39	campus(es))	EA	
1.40	Additional Professional Services		
	Option 1: Professional Services (Third party architectural design, engineering		
1 40 01	or consulting services quote on corporate letterhead)	0/	
1.40.01	Cost plus added to quote Option 2: R.S. Means or Gordian Group Catalog (Used when professional	%	
	services line item pricing is not available)		
1.40.02	Cost plus added to catalog pricing	%	
2.00	Tear-off & Dispose of Debris		
	SYSTEM TYPE		
2.01	BUR W/ Insulation and Gravel Surfacing - Metal Deck	SF	
	SYSTEM TYPE		
2.02	BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	SF	
	SYSTEM TYPE		
2.03	BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	SF	
2.00		31	
0.04	SYSTEM TYPE		
2.04	BUR W/ Insulation and Gravel Surfacing - Concrete Deck	SF	
	SYSTEM TYPE		
2.05	BUR W/ Insulation and Mineral Surfacing - Metal Deck	SF	
	SYSTEM TYPE		
2.06	BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	SF	
	SYSTEM TYPE		·
2.07	BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	SF	

			1
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	
	SYSTEM TYPE		
2.11	Single-Ply W/ Insulation - Lightweight / Gyp Deck SYSTEM TYPE	SF	
2.12	Single-Ply W/ Insulation - Concrete Deck SYSTEM TYPE	SF	
2.13	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	
	SYSTEM TYPE		
2.35	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	

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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	
3.00	ROOF SYSTEM TYPE	31	
	Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral		
5.07	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	
5.00	ROOF SYSTEM TYPE	01	
5.09	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	
0.00	ROOF SYSTEM TYPE	0.	
5.10	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		
	Mechanically Fasten Polyisocyanurate /		
	Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20		
	In Compliance with FM 1-90		
6.01.01	INSULATION OPTION: Requirements	SF	
6.02	WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT	T T	
6.02.01	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide INSULATION OPTION: an Average R-Value of 20	SF	
6.02.02	Without Insulation - Must Include Rosin & INSULATION OPTION: Mechanically Fasten Glass Base Sheet	SF	
6.02.02	TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT	3F	
	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		
6.03.01	INSULATION OPTION: of 20	SF	
6.03.02	Without Insulation - Must Include Rosin & INSULATION OPTION: Mechanically Fasten Glass Base Sheet	SF	
6.04	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT	01	
	Must Mechanically Attach a Base Sheet;		
	Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an		
6.04.01	Average R-Value of 20 INSULATION OPTION: In Compliance FM 1-90 Requirements	SF	
	Without Insulation - Must at Least		
	Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment		
6.04.02	INSULATION OPTION: Patterns	SF	
6.05	CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT		
	Prime Roof Deck; Hot Mop		
	Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value		
	of 20		
6.05.01	INSULATION OPTION: In Compliance FM 1-90 Requirements	SF	

		,		
		Without Insulation - Prime Roof Deck;		
		Must at Least 1/2" Wood Fiber or Perlite		
		Hot Mopped to Deck		
6.05.02		In Compliance FM 1-90 Requirements	SF	
6.06	METAL ROOF DECK - COLD PROCESS APPLICATION			
		Mechanically Fasten Polyisocyanurate /		
		Adhere High Density Asphalt Coated		
		Wood Fiber with Insulation Adhesive to		
0 00 04	INDIA ATION OFFICE	Provide an Average R-Value of 20		
6.06.01		In Compliance FM 1-90 Requirements	SF	
6.07	WOOD ROOF DECK - COLD PROCESS APPLICATION			
		Mechanically Fasten Polyisocyanurate /		
		Adhere High Density Asphalt Coated		
		Wood Fiber with Insulation Adhesive to		
6.07.01	INSULATION OPTION:	Provide an Average R-Value of 20	SF	
		Without Insulation - Must Include Rosin &		
6.07.02		Mechanically Fasten Glass Base Sheet	SF	
6.08	TECTUM ROOF DECK - COLD PROCESS APPLICATION			
		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		
6.08.01	INSULATION OPTION:		SF	
		Without Insulation - Must Include Rosin &		
6.08.02	INSULATION OPTION:	Mechanically Fasten Glass Base Sheet	SF	
6.09	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APP	LICATION		
		Must Machanically Attach a Daga Chart		
		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		
6.09.01	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
		Without Insulation - Must at Least	-	
		Mechanically Fasten a Base Sheet to the		
		Roof Deck		
		Installed with FM 1-90 Attachment		
6.09.02	INSULATION OPTION:	Patterns	SF	
6.10	CONCRETE ROOF DECK - COLD PROCESS APPLICATION			
		Adhana Dahira ayanyata in Inayilatian		
		Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt		
		Coated Wood Fiber with Insulation		
		Adhesive to Provide an Average R-Value		
		of 20		
6.10.01	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
		, , , , , , , , , , , , , , , , , , , ,	-	
		Without Insulation - Must at Least 1/2"		
		High Density Asphalt Coated Wood Fiber		
		Adhered with Insulation Adhesive to Deck		
6.10.02	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
6.11	METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION			
		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		
6.11.01	INSIII ATION OPTION-	In Compliance FM 1-90 Requirements	SF	
3	A COLUMN OF HOR.		- -	
6.12	 WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION			
J. 12	TOOD ROOF DEGREE TORGH AFFLIED / SELF-ADHERING AFFLICATION			

0.40.04	NOW ATION 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	0.5	
6.12.01	INSULATION OPTION:		SF	
		Without Insulation - Must Mechanically		
		Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck /		
6.12.02	INSULATION OPTION:		SF	
6.13	TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION	. ,		
		Mechanically Attach Base Sheet &		
		Adhere Polyisocyanurate in Insulation		
		Adhesive / Adhere Treated Gypsum		
		Insulation Board with Glass-Mat (e.g.		
		DensDeck / Securock / Equal) with		
6.13.01	INSULATION OPTION:	Insulation Adhesive to Provide an	SF	
0.13.01	INSULATION OF HON.	Without Insulation - Must Mechanically	ЭГ	
		Attach 1/2" Treated Gypsum Insulation		
		Board with Glass-Mat (e.g. DensDeck /		
6.13.02	INSULATION OPTION:	Securock / Equal)	SF	
6.14	LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SE	LF-ADHERING APPLICATION		
		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		
6.14.01	INSULATION OPTION:	In Compliance FM 1-90 Requirements	SF	
		Without Insulation - Must at Least		
		Mechanically Fasten a Base Sheet to the		
		Roof Deck Prior to Installation		
6.14.02	INSULATION OPTION:	Installed with FM 1-90 Attachment Patterns	SF	
6.15	CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATI			
		Adhere Polyisocyanurate in Insulation		
		Adhesive / Adhere Treated Gypsum		
		Insulation Board with Glass-Mat (e.g.		
		DensDeck / Securock / Equal) with		
		Insulation Adhesive to Provide an		
6.15.01	INSULATION OPTION:	Average R-Value of 20 In Compliance FM 1-90 Requirements	SF	
3. 10.01	INCOLATION OF HON.	Without Insulation - Must Adhere 1/2"	<u>.</u>	
		Treated Gypsum Insulation Board with		
		Glass-Mat (e.g. DensDeck / Securock /		
		Equal) in Insulation Adhesive		
6.15.02		In Compliance FM 1-90 Requirements	SF	
6.16	INSTALL PRIOR TO ROOF SYSTEM INSULATION:			
		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		
0.40.07		In Compliance with FM 1-90		
6.16.01	VAPOR BARRIER OPTION:	Requirements	SF	

HOT ASPHALT-APPLIED VAPOR BARRIER ON MOOD, TECTUM, LICHTWEINT CONCRETE OR GYPSUM DECK. Michanically Fasten Gisss Base Sheet, Apply 2 Piles of Gisss Felt in Hot ASTM D 32 Type III OR IV Asphalt In Compliance with FM 1-90 Evaporation of the Compliance with Giss-Maid (e.g. DensDeck / Securock / Equally, Apply 2 Piles of Giss Fath In Hot ASTM D 312 Type III Evaporation of the Compliance with FM 1-90 Evaporation of the Evaporation of the Compliance with FM 1-90 Evaporation of the Evapora			T T	1	
SF NAPOR BARRIER OPTION: Requirements SF			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		
BARRIER ON CONCRETE DECK: Prime Deck Prior to Applying 2 Piles of Glass Felt in Hot ASTM D 312 Type III VAPOR BARRIER OPTION: OR IV Asphalt SF COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensSbeck / Securock / Secu	6.16.02			SF	
BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g.) DensDeck / Securock / Equal), Apply 2 Piles of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 VAPOR BARRIER OPTION: Requirements SF COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK: Mechanically Fasten Glass Base Sheet, Apply 2 Piles of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 SF COLD ASPHALT-APPLIED VAPOR BARRIER OPTION: Requirements SF COLD ASPHALT-APPLIED VAPOR BARRIER OPTION: Requirements SF COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK: Prime Deck Prior to Applying 2 Piles of Glass Base in Cold Process Modified SF TORCH-APPLIED VAPOR BARRIER ON METAL DECK: Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g.) DensDeck / Securok / Equal); Heat Weld with Torch 1-Ply of SSB Modified Asphalt-Based, Filepriglass Reinforced Torch Base Sheet - Minimum of 80 Ibf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 VAPOR BARRIER OPTION: Requirements FORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK: Mechanically-Fasten Glass Base Sheet, Heat Weld with Torch 1-Ply of SSB Modified Asphalt-Based, Fiberglass	3.16.03		BARRIER ON CONCRETE DECK: Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III	SF	
BARRIER ON WOOD, TECTUM, LIGHTWEINT CONCRETE OR GYPSUM DECK: Mechanically Fasten Glass Base Sheet, Apply 2 Piles of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 VAPOR BARRIER OPTION: Requirements SF COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK: Prime Deck Prior to Applying 2 Piles of Glass Base in Cold Process Modified SF 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 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	5.16.04		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	SF	
COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK: Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified SF 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 VAPOR BARRIER OPTION: Requirements SF 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	3 16 05		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	SF	
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 VAPOR BARRIER OPTION: Requirements SF 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			COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK: Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified	J.	
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 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	6.16.06	VAPOR BARRIER OPTION:	Asphalt	SF	
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	5.16.07		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	SF	
of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 VAPOR BARRIER OPTION: Requirements SF	3 16 08		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	SE	

6.16.09		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	
		HOT ACRUAL T ARRUED VAROR		
6.16.10		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	
		HOT ASPHALT-APPLIED VAPOR		
6.16.11		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 Ibf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90	SF	
		HOT ASPHALT-APPLIED VAPOR		
6.16.12		BARRIER ON CONCRETE DECK: Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 Ibf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt	SF	
		COLD ASPHALT-APPLIED VAPOR		
6.16.13		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	SF	
		COLD ASPHALT-APPLIED VAPOR		
6.16.14		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 Ibf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90	SF	
	THE ON DIGHT OF HOME	1 1		

		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		
		Ibf/in tensile in Cold Process Modified		
6.16.15	VAPOR BARRIER OPTION:		SF	
0110110	BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN	, sp.iai.	<u>.</u>	
7.00	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 ASTN	I D 312 Type III OR IV Asphalt		
	2 1 1100 01 Glado 1 oli, Gap Gliodi, 1 100a Goat alia 7 (ggi Ggato 7 iii 111 110t 7 10 1 ii	ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in		
7.01.01	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
7.01.02	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
7.04.00		Material Type III - Minimum of 310 lbf/in	6-	
7.01.03	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
7.01.04	ROOFING MEMBRANE OPTION:	Material Type III - Minimum of 500 lbf/in	SF	
7.01.04	ROOTING WEWBRANE OF TION.		31	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 600 lbf/in		
7.01.05	ROOFING MEMBRANE OPTION:		SF	
1101100			<u> </u>	
		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		
7.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar		
7.03	WARRANTY UPCHARGE:	Limitations	SF	
		Add to provide coverage for a 30 Year		
		Labor & Material Warranty with No Dollar		
7.04	WARRANTY UPCHARGE:		SF	
7.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift	SF	
7.03		pressures up to 120 MFT	3F	
	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 -			
7.06	Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		SF	
<u> </u>	ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR			
7.07	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 Pro	ocess Modified Asphalt		
	2 - 1.00 01 Cado Bade, dap diloct, i loca doat alla Aggregate All III dolla Fic			
		ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in		
8.01.01	ROOFING MEMBRANE OPTION:		SF	
3.01.01	NOOF INCOMEMBRANE OF FICH.	ASTM D 6163 SBS Fiberglass	<u> </u>	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
8.01.02	ROOFING MEMBRANE OPTION:	1	SF	
·		<u> </u>		

		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in		
8.01.03	ROOFING MEMBRANE OPTION:	7.	SF	
0.01.00	NOOT INC INCIDENTALE OF FORM	ASTM D 6162 SBS Fiberglass/Polyester	<u> </u>	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 500 lbf/in		
8.01.04	ROOFING MEMBRANE OPTION:	tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
0 04 05		Material Type III - Minimum of 600 lbf/in		
8.01.05	ROOFING MEMBRANE OPTION:		SF	
		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		
8.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar	_	
8.03	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for a 30 Year		
8.04	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
0.04	WARRANTT OF CHARGE.	Add to provide coverage for roof uplift	J.	
8.05	WARRANTY UPCHARGE:		SF	
	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			
8.06	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	
0.07	Eddit / Additional Glade Bass (Sold / ppiloditorio) inter pty installed		Ç.	
	BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV			
9.00	ASPHALT - FLOOD COAT & AGGREGATE IN MODIFIED COAL TAR PITCH			
	ROOF CONFIGURATION			
9.01	2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified C	oal Tar Pitch and Aggregate		
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in		
9.01.01	ROOFING MEMBRANE & COATING OPTION:	tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	SF	
0.01.01	ROOT ING MEMBRANE & COATING OF HON.	Tai Titori VVIII 2000 /0 Liongation	J1	
		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		
9.01.02	ROOFING MEMBRANE & COATING OPTION	Tar Pitch With 2000% Elongation	SF	
		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		
9.01.03	ROOFING MEMBRANE & COATING OPTION	, -	SF	
		ĭ		
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 500 lbf/in		
0.04.04	BOOFING MEMBRANE & COATING CETTON	tensile, Flood Coat in Modified Hot Coal	05	
9.01.04	ROOFING MEMBRANE & COATING OPTION	I ar Pitch With 2000% Elongation	SF	

1		Г		
9.01.05		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	
		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		
9.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
9.03	WARRANTY UPCHARGE:		SF	
9.04	WARRANTY UPCHARGE:		SF	
9.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH Add/Deduct for Installing Flood Coat in	SF	
9.06	COATING OPTION:	Cold Process Coal Tar Pitch	SF	
	BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT			
	ROOF CONFIGURATION			
10.01	2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Typ	-		
		ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in		
10.01.01	ROOFING MEMBRANE OPTION:		SF	
10.01.02		ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in		
10.01.03	ROOFING MEMBRANE OPTION:		SF	
10.01.04		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	SF	
10.04.05		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in	er.	
10.01.05	ROOFING MEMBRANE OPTION:		SF	
40.00		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	65	
10.02	WARRANIT CHARGE:	pressures up to 90 MPH Labor & Material Warranty with No Dollar	SF	
10.03	WARRANTY UPCHARGE:	Limitations	SF	
10.04	WARRANTY UPCHARGE:		SF	
10.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
	BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT			
	ROOF CONFIGURATION 2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt			

	ASTM D 6163 SBS Fiberglass		
	Reinforced Modified Bituminous Sheet		
	Material Type I - Minimum of 70 lbf/in	_	
11.01.01	ROOFING MEMBRANE OPTION: tensile	SF	
	ASTM D 6163 SBS Fiberglass		
	Reinforced Modified Bituminous Sheet		
	Material Type III - Minimum of 220 lbf/in		
11.01.02	ROOFING MEMBRANE OPTION: tensile	SF	
	ASTM D 6162 SBS Fiberglass/Polyester		
	Reinforced Modified Bituminous Sheet		
	Material Type III - Minimum of 310 lbf/in		
11.01.03	ROOFING MEMBRANE OPTION: tensile	SF	
	ASTM D 6162 SBS Fiberglass/Polyester		
	Reinforced Modified Bituminous Sheet		
	Material Type III - Minimum of 500 lbf/in		
11.01.04	ROOFING MEMBRANE OPTION: tensile	SF	
	ASTM D 6162 SBS Fiberglass/Polyester		
	Reinforced Modified Bituminous Sheet		
	Material Type III - Minimum of 600 lbf/in		
11.01.05	ROOFING MEMBRANE OPTION: tensile	SF	
	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		
11.02	WARRANTY CHARGE: pressures up to 90 MPH	SF	
	Labor & Material Warranty with No Dollar		
11.03	WARRANTY UPCHARGE: Limitations	SF	
	Labor & Material Warranty with No Dollar	_	
11.04	WARRANTY UPCHARGE: Limitations	SF	
11.05	Add to provide coverage for roof uplift WARRANTY UPCHARGE: pressures up to 120 MPH	SF	
11.05	WARRANTT OPCHARGE: pressures up to 120 MPH	Sr	
	2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY & A CAP		
	SHEET (TOP PLY)		
	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE		
12.00	SHEET (TOP PLY)		
	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION		
12.00 12.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER		
	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass		
	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt		
	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass	SF	
12.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass	SF	
12.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet	SF	
12.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet	SF SF	
12.01 12.01.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile		
12.01 12.01.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester		
12.01.01 12.01.02	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	SF	
12.01 12.01.01	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type II - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
12.01.01 12.01.02	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	SF	
12.01 12.01.01 12.01.02	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile BASE PLY OPTION: Material Type III - 310 lbf/in tensile	SF	
12.01 12.01.01 12.01.02	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 210 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile ADD/DEDUCT TO PER SQUARE FOOT COST - Hot Applied Modified Multi-ply Systems	SF	
12.01 12.01.01 12.01.02	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile 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.	SF	
12.01.01 12.01.02 12.01.03	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile 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.	SF SF	
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12.01.01 12.01.02 12.01.03 12.01.04 12.02	SHEET (TOP PLY) PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type III - 220 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type III - 310 lbf/in tensile 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) ROOF CONFIGURATION 1 Ply Modified Base Sheet Adhered in Cold Process Modified Asphalt ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type I - 70 lbf/in tensile ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet BASE PLY OPTION: Material Type I - 70 lbf/in tensile	SF SF	
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	ADD/DEDUCT TO PER SQUARE FOOT COST - Cold Applied Modified Multi-			
	Each Additional Modified Base Sheet (All Cold Applications) Installed. To be cor cost reduction to installed price of two plies of the same modified base sheet vs.			
12.02.04	12.02.02 + 12.02.02 + 12.02.04 = Two Plies Installed)		SF	
		Add/Deduct for Cold Applied Modified		
		Multi-ply Systems Substitute Cold Process Adhesive with		
12.02.05	INTERPLY ADHESIVE OPTION:	Alternative Solvent Free Adhesive	SF	
	ROOF CONFIGURATION			
12.03	1 Ply of Torch Base Sheet Installed with Torch Application			
		CDC Madified Associate David Fibrariles		
		SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum		
		of 80 lbf/in tensile Torch-Applied Base		
12.03.01	BASE PLY OPTION:	Sheet (ASTM D 5147)	SF	
		ASTM D 6163 SBS Fiberglass		
10.00.00	DACE DI VIORIONI	Reinforced Modified Bituminous Sheet	ec	
12.03.02		Material Type III - 210 lbf/in tensile	SF	
	ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Mul- Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed.			
	a labor cost reduction to installed price of two plies of the same modified base sh			
12.03.03	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			
	The state of the s			
		SBS Modified Asphalt-Based, Polyester		
		OR Fiberglass/Polyester OR Fiberglass		
12.04.01	PASE DI VIODIONI	Reinforced Self-Adhering Base Sheet - Minimum of 50 lbf/in tensile	SF	
12.04.01			3F	
	ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Mul- Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed.			
	a labor cost reduction to installed price of two plies of the same modified base sh			
12.04.02	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 Ty	pe III OR IV Asphalt		
	33.3	ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
10 0E 01	DOOFING MEMBRANE OPTION	Material Type I - Minimum of 70 lbf/in	ec	
12.05.01	ROOFING MEMBRANE OPTION:	ASTM D 6163 SBS Fiberglass	SF	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
12.05.02	ROOFING MEMBRANE OPTION:	 	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
12.05.03	ROOFING MEMBRANE OPTION:		SF	
1		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III – Minimum of 500 lbf/in		
12.05.04	ROOFING MEMBRANE OPTION:	7.	SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
12.05.05	ROOFING MEMBRANE OPTION:	Material Type III – Minimum of 600 lbf/in tensile	SF	
		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		
12.05.06	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
12.05.07	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
12.05.07	WARRANTT UPCHARGE:	LIIIIIIAUUIIO	ЭF	

		Add to		
		Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar		
12.05.08	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for roof uplift	_	
12.05.09	WARRANTY UPCHARGE:	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		
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in		
12.06.01	ROOFING MEMBRANE OPTION:	, , , , , , , , , , , , , , , , , , , ,	SF	
.2.00.0		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
12.06.02	ROOFING MEMBRANE OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
12.06.03	ROOFING MEMBRANE OPTION:	1	SF	
		ASTM D 6162 SBS Fiberglass/Polyester	T	
		Reinforced Modified Bituminous Sheet		
12.06.04	ROOFING MEMBRANE OPTION:	Material Type III - Minimum of 500 lbf/in tensile	SF	
	NOT ITO III III III III III III III III I	ASTM D 6162 SBS Fiberglass/Polyester	<u> </u>	
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 600 lbf/in		
12.06.05	ROOFING MEMBRANE OPTION:		SF	
		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		
12.06.06	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar		
12.06.07	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for a 30 Year		-
		Labor & Material Warranty with No Dollar		
12.06.08	WARRANTY UPCHARGE:		SF	
12.06.09	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift pressures up to 120 MPH	SF	
	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		
12.07	Pitch			
		ASTM D 6163 SBS Fiberglass		
		Reinforced Modified Bituminous Sheet		
		Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal		
12.07.01	ROOFING MEMBRANE & COATING OPTION:		SF	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 220 lbf/in		
12.07.02	ROOFING MEMBRANE & COATING OPTION	tensile, Flood Coat in Modified Hot Coal	SF	
12.01.02	NOO! ING MEMBRANE & COATING OF HON	Tai Tion With 2000 /0 Liongation	Ji	
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum of 310 lbf/in		
10.07.00	DOCTING MEMBRANE & COATING CRICK	tensile, Flood Coat in Modified Hot Coal	65	
12.07.03	ROOFING MEMBRANE & COATING OPTION	I at Pitch with 2000% Elongation	SF	

			•	
12.07.04		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		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile, Flood Coat in Modified Hot Coal	SF	
		Add/Deduct for Installing Flood Coat in	_	
12.07.06		Cold Process Coal Tar Pitch 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	SF	
12.07.07		pressures up to 90 MPH	SF	
12.07.00		Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar	ee	
12.07.08		Add to provide coverage for a 30 Year	SF	
12.07.09	WARRANTY UPCHARGE:	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	
	ROOF CONFIGURATION 1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modif	fied Asphalt		
		ASTM D 6163 SBS Fiberglass		
12.08.01		Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	SF	
12.08.02		ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in		
12.08.03		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	SF	
12.08.04	ROOFING MEMBRANE OPTION:	Material Type III - Minimum of 500 lbf/in tensile	SF	
		ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in		
12.08.05	ROOFING MEMBRANE OPTION:	tensile Add/Deduct for Cold Applied Modified	SF	
		BUR Substitute Cold Process Adhesive with		
12.08.06	MEMBRANE ADHESIVE & COATING OPTION:		SF	
		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		
12.08.07		pressures up to 90 MPH	SF	

Labo A Material Warranty with No Dollar SF			[A		
12.08.08 WARRANTY UPCHAREE, Limitations SF			Add to provide coverage for a 30 Year		
12.08.10 WARRANTY UPCHARGE; pressures up to 120 MPH SF	12.08.09	WARRANTY UPCHARGE:	Limitations	SF	
ROOF CONFIGURATION Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphat.	10.00.10				
12.09.01 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt 12.09.01 ROOFING MEMBRANE OPTION: Reinforced Modified Bluminuous Sheet Markeral Type I. Minimum of 70 lbf/in SF 12.09.02 ROOFING MEMBRANE OPTION: Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Type III. Minimum of 20 lbf/in SF 12.09.03 ROOFING MEMBRANE OPTION: Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Type III. Aminimum of 20 lbf/in SF 12.09.03 ROOFING MEMBRANE OPTION: Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Type III. Aminimum of 30 lbf/in SF 12.09.04 ROOFING MEMBRANE OPTION: Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Type III. Aminimum of 300 lbf/in SF 12.09.05 ROOFING MEMBRANE OPTION: Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Type III. Aminimum of 300 lbf/in SF 12.09.06 ROOFING MEMBRANE OPTION: Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Type III. Aminimum of 300 lbf/in SF 12.09.06 MEMBRANE ADHESIVE OPTION. Resilve SF Fiberglass Polyester Reinforced Modified Bluminuous Sheet Markeral Warrarty with No Dolar Limitations as a Standard Warrarty for All Applications in this Section 12.09 Must Includes coverage for root upifit provide 20 Vear - Labor & Markeral Warrarty with No Dolar Limitations as a Standard Warrarty with No Dolar Resilve SF Markeral Warrarty with No Dolar SF WARRANTY UPCHARGE; Intributions WARRANTY UPCHARGE; Intri			pressures up to 120 MPH	SF	
Reinforced Modified Biluminous Sheet Marterial Type I. Minimum of 70 biffs in SF ST MODE (State of the Continual Con			alt		
Activation Type - Minimum of 70 biffin SF		•	ASTM D 6163 SBS Fiberglass		
ROOFING MEMBRANE OPTION: Inensite SF					
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Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 biffin SF AST M D 6162 SBS Fiberglass Polyvester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 biffin SF AST M D 6162 SBS Fiberglass Polyvester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 biffin SF AST M D 6162 SBS Fiberglass Polyvester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 biffin SF AST M D 6162 SBS Fiberglass Polyvester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 biffin SF AST M D 6162 SBS Fiberglass Polyvester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 biffin SF AST M D 6162 SBS Fiberglass Polyvester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 biffin SF AddDoduct for Cold Applied Modified Bur Substitute Cold Process Adhesive with SF AddDoduct Free Adhesive with SF Add Doduct Free A	12.09.01	ROOFING MEMBRANE OF HON.		ЭГ	
ROOFING MEMBRANE OPTION: Ineralse					
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12.09.03 ROOFING MEMBRANE OPTION: Itensile SF					
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Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lb/lin SF ROOFING MEMBRANE OPTION: Itensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lb/lin SF ROOFING MEMBRANE OPTION: Itensile ROOFING MEMBRANE OPTION: Itensile ROOFING MEMBRANE OPTION: Add/Deduct for Cold Applied Modified BUR Substitute Cold Process Adhesive with Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Service Achesive ROOFING MEMBRANE ADHESIVE OPTION: Alternative Solvent Free Achesive ROOFING MEMBRANE ADHESIVE OPTION: Alternative Solvent Free Achesive SF Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Service Achesive ROOFING MEMBRANE ACHESIVE OPTION: Alternative Solvent Free Achesive WARRANTY UPCHARGE: Limitations SF Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Labor & Material Warranty with No Dollar Limitations SF Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations SF Add to provide coverage for roof upilit WARRANTY UPCHARGE: Limitations SF Add to provide coverage for roof upilit WARRANTY UPCHARGE: Limitations SF ACH D G163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 70 lb/fin SF ASTM D G163 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 20 lb/fin SF ASTM D G162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lb/fin SF ASTM D G162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lb/fin SF ASTM D G162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lb/fin SF ASTM D G162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	12.09.03	ROOFING MEMBRANE OPTION:	7.	SF	
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Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive SF					
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Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile SF ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile 12.10.03 ROOFING MEMBRANE & COATING OPTION tensile SF ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile SF ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	12.10.01	ROOFING MEMBRANE & COATING OPTION:		SF	
Material Type III - Minimum of 220 lbf/in 12.10.02 ROOFING MEMBRANE & COATING OPTION tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in 12.10.03 ROOFING MEMBRANE & COATING OPTION tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet			, , ,		
12.10.02 ROOFING MEMBRANE & COATING OPTION tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile SF ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet					
ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	12.10.02	ROOFING MEMBRANE & COATING OPTION	7.	SF	
Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in 12.10.03 ROOFING MEMBRANE & COATING OPTION tensile ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet					
12.10.03 ROOFING MEMBRANE & COATING OPTION tensile SF ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet			Reinforced Modified Bituminous Sheet		
ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet	10 10 00	DOOFING MEMBRANE & COATING CRITICAL	7.	er	
Reinforced Modified Bituminous Sheet	12.10.03	ROUFING MEMBRANE & COATING OPTION		5 F	
			Material Type III - Minimum of 500 lbf/in		
12.10.04 ROOFING MEMBRANE & COATING OPTION tensile SF	12.10.04	ROOFING MEMBRANE & COATING OPTION	tensile	SF	

		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in		
12.10.05	ROOFING MEMBRANE & COATING OPTION	· · · · · · · · · · · · · · · · · · ·	SF	
12.10.00	ROOT ING MEMBRANE & COATING OF FIGH		01	
		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		
12.10.06	WADDANTY CHADGE.	pressures up to 90 MPH	SF	
12.10.00	WARRANTI CHARGE.	'	3F	
		Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar		
12.10.07	WARRANTY UPCHARGE:		SF	
12.10.07	William For Structure	Add to provide coverage for a 30 Year	<u> </u>	
		Labor & Material Warranty with No Dollar		
12.10.08	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for roof uplift		
12.10.09	WARRANTY UPCHARGE:		SF	
	ROOF CONFIGURATION			
12.11	1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Ap	plication		
	, , , , , , , , , , , , , , , , , , , ,			
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
		Material Type III - Minimum 300 lbf/in		
12.11.01	ROOFING MEMBRANE OPTION:	· · · · · · · · · · · · · · · · · · ·	SF	
		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		
12.11.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar		
12.11.03	WARRANTY UPCHARGE:	+	SF	
		Add to provide coverage for a 30 Year		
10 11 01	WARD ANTY LIBOUADOE.	Labor & Material Warranty with No Dollar	er l	
12.11.04	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift	SF	
12.11.05	WARRANTY UPCHARGE:		SF	
12.11.00	WARRANT OF CHARGE.	pressures up to 120 Wii 11	01	
	ROOF CONFIGURATION			
	1 Ply of Torch-Applied Cap Sheet Installed with Torch Application and Finis	shed with a Flood Coat & Aggregate in		
12.12	Cold Process Modified Asphalt			
				<u></u>
		ASTM D 6162 SBS Fiberglass/Polyester		
		Reinforced Modified Bituminous Sheet		
10.15.5		Material Type III - Minimum of 300 lbf/in		
12.12.01	ROOFING MEMBRANE OPTION:	tensile Torch-Applied Membrane	SF	
		Cost to Provide 20 Year - Labor &		
		Material Warranty with No Dollar		
		Limitations as a Standard Warranty for All		
		Applications in this Section 12.12		
40.40.00		Must includes coverage for roof uplift		
12.12.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
12 12 02	WADD ANTY LIDOUAD OF	Labor & Material Warranty with No Dollar	er	
12.12.03	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
12.12.04	WARRANTY UPCHARGE:		SF	
12.12.04	WARRANTI OFCHARGE.	Add to provide coverage for roof uplift	31	
12.12.05	WARRANTY UPCHARGE:		SF	
	ROOF CONFIGURATION			
12.13	1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Ad	hering Backing		
	, and the same of	. 5		

		ASTM D 6161 (Polyester) OR 6162		
		(Fiberglass/Polyester) OR 6163		
		(Fiberglass) Self-Adhering Reinforced Modified Bituminous Sheet Material Type		
12.13.01	ROOF CONFIGURATION OPTION:		SF	
		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		
12.13.02	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
40.40.00	WARRANTY LIBOUARDE	Labor & Material Warranty with No Dollar	0.5	
12.13.03	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year	SF	
		Labor & Material Warranty with No Dollar		
12.13.04	WARRANTY UPCHARGE:	Limitations	SF	
40 40 05	WARDANTYLIRGHARGE	Add to provide coverage for roof uplift	C.F.	
12.13.05	WARRANTY UPCHARGE:	pressures up to 120 MPH	SF	
	ROOF CONFIGURATION			
	1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Hot ASTM D 3	12 Type III OR IV Asphalt with Heat		
12.14	Welded Seams		1	
12,14.01	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester	SF	
12,14.01	TOETMENIO TOT TET OF HON.	ASTM D 6754 - Ketone Ethylene Ester	Oi -	
12.14.02	POLYMERIC TOP PLY OPTION:		SF	
		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		
12.14.03	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar		
12.14.04	WARRANTY UPCHARGE:	· · · · · · · · · · · · · · · · · · ·	SF	
		Add to provide coverage for a 30 Year		
10 11 05	WARRANTY LIBOUARDE	Labor & Material Warranty with No Dollar	0.5	
12.14.05	WARRANTY UPCHARGE:	Add to provide coverage for roof uplift	SF	
12.14.06	WARRANTY UPCHARGE:		SF	
	ROOF CONFIGURATION			
12.15	1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Ad		T	
12.15.01	POLYMERIC TOP PLY OPTION:	ASTM D 6754 - Ketone Ethylene Ester	SF	
12.13.01	FOLIMERIC TOF FLI OFTION.	ASTM D 6754 - Ketone Ethylene Ester	JF	
12.15.02	POLYMERIC TOP PLY OPTION:		SF	
		Add/Deduct for Cold Applied Fleece-		
		Back Polymeric Cap Sheet (Top Ply)		
12.15.03	MEMBRANE ADHESIVE OPTION:	Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	SF	
12	MEMBRARE ADDIEGNE OF HOR.	PER SQUARE FOOT COST - Cold	<u> </u>	
		Applied Fleece-Back Polymeric Cap		
		Sheet (Top Ply)		
12.15.04	MEMBRANE ADHESIVE OPTION:	Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	SF	
12.10.04	MEMBRARE ADDIESTED OF HOR.	Cost to Provide 20 Year - Labor &	J	
		Material Warranty with No Dollar		
		Limitations as a Standard Warranty for All		
		Applications in this Section 12.15		
12.15.05	WARRANTY CHARGE-	Must includes coverage for roof uplift pressures up to 90 MPH	SF	
		Labor & Material Warranty with No Dollar	<u></u>	
12.15.06	WARRANTY UPCHARGE:	Limitations	SF	
12.15.08	WARRANTY UPCHARGE:	Labor & Material Warranty with No Dollar	SF	
	warranit UPCHARGE	ILIIIIIIaliONS	OF I	

		Add to provide coverage for roof uplift		
12.15.09	WARRANTY UPCHARGE:		SF	
13.00	BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH			
	ROOF CONFIGURATION			
13.01	1 Ply of Glass Base, 3 Plies of Polyester Mat or 4 ply of Coal Tar Felts in Mo [Insulation & Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt	odified Hot Coal Tar Pitch (CTP),		
		4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000%		
13.01.01	ROOF CONFIGURATION OPTION:	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	SF	
13.04		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	SF	
13.06	WARRANTY UPCHARGE:	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar	SF	
		Add to provide coverage for roof uplift		
13.07		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 INS	1	ı	
14.01.01	INSULATION OPTION:	1	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	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	

		Structural Application Over Open		
		Framing; Over Retrofit Framing; Over an		
14.01.05	INSULATION OPTION:	Existing Roof Using Steel Furring -	SF	
14.01.05	INSULATION OF HON.		3F	
		Structural Application Over Open Framing or Over Retrofit Framing -		
		Fiberglass Batten Insulation with an R-		
14.01.06	INSULATION OPTION:	-	SF	
14.01.00	INSCENTION OF TION.			
		Structural Application Over Retrofit Framing -		
		Loose Laid Fiberglass Blanket on		
14.01.07	INSULATION OPTION:	Existing Deck with an R-Value of 30	SF	
		Structural Application Over an Existing		
		Roof Using Steel Furring -		
		Fiberglass Batten Insulation with an R-		
14.01.08	INSULATION OPTION:	-	SF	
		Structural Application Over an Existing		
		Roof Using Steel Furring -		
.		Mechanically Fastened Polyisocyanurate		
14.01.09		on Existing Roof with an R-Value of 20	SF	
	ROOF CONFIGURATION			
14.02	Architectural or Structural Standing Seam Roof System; Seam Height At or	Above 2"		
		Pero Aluminum Penel Price		
14.02.01	THICKNESS OBTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	SF	
14.02.01	THICKNESS OF HON.	Add for Bare Aluminum 0.040" Aluminum	31	
14.02.02	THICKNESS OPTION:		SF	
14.02.02	THORACO OF HORA	, 10 10 Wide Faireis		
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	
		Bare Galvalume Coated Steel or Equal		
		Panel Price - 24 Ga, 18" - 19" Wide		
14.02.06	THICKNESS OPTION:	Panels	SF	
		Bare Galvalume Coated Steel or Equal		
		Panel Price - 22 Ga, 18" - 19" Wide		
14.02.07	THICKNESS OPTION:		SF	
440000	DANIEL MIDELL OPTION	Add for 12" - 13" Panel Width -		
14.02.08	PANEL WIDTH OPTION:	Galvalume Coated Steel or Equal	SF	
14 02 00	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width -	SF	
14.02.09	PANEL WIDTH OPTION:	Galvalume Coated Steel or Equal Add for 24" - 25" Panel Width -	3F	
14.02.10	PANEL WINTH OPTION:	Galvalume Coated Steel or Equal	SF	
14.02.10	TARLE WIDTH OF HOR.	Galvalume Goaled Gleer of Equal	- 01	
		Add for Standard Colors - Fluorocarbon		
		Paint System Over Aluminum or		
14.02.11	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	<u> </u>
		- '		
		Add for Designer Colors - Fluorocarbon		
		Paint System Over Aluminum or		
14.02.12	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
		Add for Premium or Custom Colors -		
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or		
14.02.13	COLOR OPTION:	'	SF	
		Stainless Steel		
l		Panel Price - 24 Ga , 18" - 19" Wide		
14.02.14	THICKNESS OPTION:		SF	
		Stainless Steel		
14.00.45	THOMESOCOTION	Panel Price - 22 Ga, 18" - 19" Wide	C F	
14.02.15	THICKNESS OPTION:	ranels	SF	

14.02.16	PANEL WIDTH OPTION:		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	
		Copper Panel Price - 20 Oz, 18" - 19" Wide		
14.02.20	THICKNESS OPTION:	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 Zinc	SF	
14.02.24	THICKNESS OPTION:	Panel Price - 0.032", 18" - 19" Wide	SF	
14.02.25	THICKNESS OPTION:	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	SF	
14.02.26		Add for 12" - 13" Panel Width - Zinc	SF SF	
14.02.27		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	
44.00.00	DANEL INCTALL ATION OPTION	Architectural Application - Installed Over a Deck Below 3:12 Slope	05	
14.02.30	PANEL INSTALLATION OPTION:	Structural Application - Installed Over	SF	
14.02.31	PANEL INSTALLATION OPTION:	Open Framing At or Above 3:12 Slope	SF	
		Structural Application - Installed Over Open Framing Below 3:12 Slope		
14.02.32	PANEL INSTALLATION OPTION:		SF	
14.02.33	PANEL INSTALLATION OPTION:	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	SF	
		Structural Application - Installed Over Retrofit Framing System Below 3:12		
14.02.34	PANEL INSTALLATION OPTION:	Slope	SF	
		Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope		
14.02.35	PANEL INSTALLATION OPTION:	,	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:	· · ·	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	

		Add to provide coverage for a 25 Year		
14 02 41	WARD ANTY LIDGUAROE	Labor & Material Warranty with No Dollar	er.	
14.02.41	WARRANTY UPCHARGE:		SF	
		Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar		
14.02.42	WARRANTY UPCHARGE:		SF	
14.02.42	WARRANT OF OTAROL.	Add to provide coverage for roof uplift	01	
14.02.43	WARRANTY UPCHARGE:		SF	
	ROOF CONFIGURATION			
14.03	Architectural or Structural Standing Seam Roof System; Seam Height At or	r Above 1" Below 2": Aluminum Panels		
- 1100	Alonicottara of otractara otalianing ocalii Roof oystoni, ocalii ricigiit At of	Bare Aluminum Panel Price -	T	
14.03.01	THICKNESS OPTION:	0.032" Aluminum, 18" Wide Panels	SF	
		Add for Bare Aluminum 0.040" Aluminum		
14.03.02	THICKNESS OPTION:		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	
		Bare Galvalume Coated Steel or Equal		
14.03.05	THICKNESS OPTION:	Panel Price - 24 Ga, 18" Wide Panels	SF	
		Bare Galvalume Coated Steel or Equal		
14.03.06	THICKNESS OPTION:	Panel Price - 22 Ga, 18" Wide Panels	SF	
440007		Add for 12" Panel Width - Galvalume		
14.03.07	PANEL WIDTH OPTION:		SF	
14.03.08	PANEL WIDTH OPTION:	Add for 16" Panel Width - Galvalume	SF	
14.03.06	PANEL WIDTH OPTION:	Coated Steel of Equal	SF .	
		Add for Standard Colors - Fluorocarbon		
		Paint System Over Aluminum or		
14.03.09	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
	COLON OF HOME	Cantaianio Coatoa Cicol Ci Equa:	<u> </u>	
		Add for Designer Colors - Fluorocarbon		
		Paint System Over Aluminum or		
14.03.10	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
		Add for Premium or Custom Colors -		
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or		
14.03.11	COLOR OPTION:		SF	
44.00.40	THOUSE OF TON	Stainless Steel	05	
14.03.12	THICKNESS OPTION:	Panel Price - 24 Ga , 18" Wide Panels	SF	
14.03.13	THICKNESS OPTION-	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	SF	
14.03.13	THICKNESS OF HON.	l allei i lice - 22 Ga, 10 Wide i alleis	31	
14.03.14	PANEL WIDTH OPTION:	Add for 12" Panel Width - Stainless Steel	SF	
		/ tag is: iz : ans: iiian stammess stam	<u> </u>	
14.03.15	PANEL WIDTH OPTION:	Add for 16" Panel Width - Stainless Steel	SF	
		Copper		
14.03.16	THICKNESS OPTION:	Panel Price - 16 oz,18" Wide Panels	SF	
		Copper		
14.03.17		Panel Price - 20 Oz, 18" Wide Panels	SF	
14.03.18		Add for 12" Panel Width - Copper	SF	
14.03.19	PANEL WIDTH OPTION:	Add for 16" Panel Width - Copper	SF	
14.02.00	THOMNEOGOPTION	Zinc	er	
14.03.20	THICKNESS OPTION:	Panel Price - 0.032", 18" Wide Panels	SF	
14.03.21	THICKNESS ODTION.	Zinc Panel Price - 0.040", 18" Wide Panels	SF	
14.03.21		Add for 12" Panel Width - Zinc	SF	
14.03.22		Add for 12 Fanel Width - Zinc Add for 16" Panel Width - Zinc	SF	
17.00.20	I AREE WIDTH OF HOR.	Architectural Application - Installed Over	<u> </u>	
		Substrate At or Above 3:12 Slope		
14.03.24	PANEL INSTALLATION OPTION:	·	SF	
		Architectural Application - Installed Over		
		Substrate Below 3:12 Slope		
14.03.25	PANEL INSTALLATION OPTION:	·	SF	

		Structural Application - Installed Over		
		Open Framing At or Above 3/12 Slope		
14.03.26	PANEL INSTALLATION OPTION:		SF	
		Structural Application - Installed Over		
		Retrofit Framing System At or Above		
		3:12 Slope		
14.03.27	PANEL INSTALLATION OPTION:		SF	
		Structural Application - Installed Over		
		Existing Roof Using Steel Furring		
14.03.28	PANEL INSTALLATION OPTION:	At or Above 3:12 Slope	SF	
		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		
14.03.30	WARRANTY CHARGE	pressures up to 90 MPH	SF	
		Add to provide coverage for a 25 Year		
		Labor & Material Warranty with No Dollar		
14.03.31	WARRANTY UPCHARGE	+	SF	
		Add to provide coverage for a 30 Year		
l		Labor & Material Warranty with No Dollar		
14.03.32	WARRANTY UPCHARGE		SF	
44.00.00	WARD ANTY URGUARGE	Add to provide coverage for roof uplift	0.5	
14.03.33	WARRANTY UPCHARGE:	pressures up to 120 MPH	SF	
4404	ROOF CONFIGURATION			
14.04	Architectural Standing Seam Roof System; Seam Height Below 1"			
		Bare Aluminum Panel Price -	_	
14.04.01	THICKNESS OPTION:	0.032" Aluminum, 14.5" Wide Panels	SF	
440400		Add for Bare Aluminum 0.040" Aluminum,		
14.04.02	THICKNESS OPTION:	14.5" Wide Panels	SF	
44.04.00	THOUSESS OPTION	Bare Galvalume Coated Steel or Equal	05	
14.04.03	THICKNESS OPTION:	Panel Price - 24 Ga, 14.5" Wide Panels	SF	
14.04.04	THICKNESS OBTION	Bare Galvalume Coated Steel or Equal	C.E.	
14.04.04	I HICKNESS OPTION:	Panel Price - 22 Ga, 14.5" Wide Panels	SF	
		Add for Chardend Colons - Elizabeth an		
		Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or		
14.04.05	COLOR OPTION:	_	SF	
14.04.03	COLOR OF HOR.	Galvalume Coated Steel Of Equal	- 31	
		Add for Docignor Colors - Fluorescents-		
		Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or		
14.04.06	COLOR OPTION:	•	SF	
. 1.54.00	OSEON OF HOM.	Add for Premium or Custom Colors -	<u>.</u>	
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or		
14.04.07	COLOR OPTION:		SF	
1.07	3320K 01 110K	1-1	<u> </u>	
		Stainless Steel		
14.04.08	THICKNESS OPTION:	Panel Price - 24 Ga, 14.5" Wide Panels	SF	
		Stainless Steel		
14.04.09	THICKNESS OPTION:	Panel Price - 22 Ga, 14.5" Wide Panels	SF	
		Copper		
14.04.10	THICKNESS OPTION:	Panel Price - 16 Oz., 14.5" Wide Panels	SF	
		Copper		
14.04.11	THICKNESS OPTION:	Panel Price - 20 Oz., 14.5" Wide Panels	SF	
1		Zinc		
14.04.12	THICKNESS OPTION:	Panel Price - 0.032" , 14.5" Wide Panels	SF	

		Zinc		
14.04.13	THICKNESS OPTION:	Panel Price - 0.040", 14.5" Wide Panels	SF	
		Architectural Application - Installed Over		
14.04.14	PANEL INSTALLATION OPTION:		SF	
14.04.15	PANEL INSTALLATION OPTION:	Architectural Application - Installed Over	65	
14.04.13	PANEL INSTALLATION OPTION:	,	SF	
		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		
14.04.16	WARRANTY CHARGE:	pressures up to 90 MPH	SF	
	ROOF CONFIGURATION			
14.05	Flat Seam Metal Roof System - 8' Wide / 30 Gauge			
		3/4" of Expanded Polystyrene (Minimum		
14.05.01	INSULATION OPTION	1.5 lbs./cft) - Includes Panel and Installation of Roof System	SF	
14.05.01	INSOLATION OF TION.	Installation of Roof System	31	
		Mechanically Fastened Polyisocyanurate		
		with an Average R-Value of 20 - Includes		
14.05.02	INSULATION OPTION:	Panel and Installation of Roof System	SF	
14.05.03	LINDEDI AVMENT OPTIONI	Add Install 40 mil self-adhesive membrane as an Underlayment	SF	
14.05.04		Add/Deduct for 6' Wide Option	SF	
14.05.05		Add/Deduct for 10' Wide Option	SF	
14.05.06	PANEL WIDTH OPTION:	Add/Deduct for 12' Wide Option	SF	
		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		
14.05.07	WARRANTY CHARGES:	pressures up to 90 MPH	SF	
15.00	RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS			
13.00	PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF	CUDEACE		
15.01	Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare M		SF	
	PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL			
15.02	Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Me	etal	LF	
	PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL	ROOF		
15.03	Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Exp	ose Bare Metal	SF	
	RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING			
	Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications			
15.04	Line Item)	s (New Flashings also Required coparate	SF	
	RESATURATION OF ASPHALT OR COAL TAR PITCH BURS WITH COAL-TA	AR PITCH COATING SYSTEM		
	Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Floo	od Coat & New Aggregate as Specified		
15.05	Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Spec Refer to Flashing Line Item)	ifications (New Flashings also Required	SF	
13.03	RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER CO	I D ADDI IED COATING	JF	
	Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE			
	OR WIRE BRUSHING); Clean with TSP or Simple Green; Use Portable Blowers			
45.00	sealer to seams (1 Gallon per 14 left) Base Coat / Top Coat with Synthetic Rubi	perized Restorative Coating (1.5 Gallons		
15.06	per Sq.) According to Manufacturer's Specifications		SF	
	RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT	IDETHANE		
	Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE			
	OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rus	st Inhibiting and Chemical Corrosion		
	Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer			
	Penetrations and Fasteners with a Single-Component, Aliphatic Urethane at a R			
	lReinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped in Ar	EAST USE SEEARATE LINE LIEW WAIT		
	Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped in Ar 24-48 Hours; Apply Single-Component, Aliphatic Urethane as a Base Coat at a F			

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	

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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	

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	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		
15.26	Asphalt Emulsion in a 2 Coat Application at a Rate of 2.5 Gallons per Square per Coat.	SF	
	RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING		
15.27	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	
	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		
15.28	per Square; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square.	SF	
	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		
15.29	Flashings also Required Refer to Flashing Line Item)	SF	
	REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallons		
15.30	per Square (3 Gallons per Square on Seams)	LF	
	REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE		
15.31	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	
13.32	STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE	LF	
15.33	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		
	INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -		
16.01	New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys	SF	
	REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM - New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All		
16.02	Eaves, Peaks & Valleys	SF	
	INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM - New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All		
16.03	Eaves, Peaks & Valleys	SF	
	INSTALL NEW CEDAR SHAKE ROOF SYSTEM - New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves,		
16.04	Peaks & Valleys	SF	
	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		
16.05	Eaves, Peaks & Valleys	SF	
	INSTALL SLATE TILE ROOF SYSTEM - New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks		
16.06	& Valleys	SF	
	ADD/DEDIUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -		
16.07	Install Self-Adhering Underlayment on Entire Roof Deck	SF	
17.00	FULLY ADHERED SINGLE-PLY ROOF SYSTEMS		
17.01	METAL DECK - SINGLE-PLY APPLICATION		
	Mechanically Fasten Polyisocyanurate / Adhere 1/2" Treated Gypsum Insulation		
	Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation		
l	Adhesive to Provide an Average R-Value		
17.01.01	INSULATION OPTION: of 20	SF	
17.02	WOOD/TECTUM DECK - SINGLE-PLY APPLICATION		

WOOD DECK Mechanically Fasten				
Base Sheet & Achrer Polyscorpururate in Insulation Adherite / Achrer 1/2" Treated Gypsum Insulation Board with Class-Mate (p. 2). 17.02.02 INSULATION OPTION: Mechanically Faster Glass Base Sheet S.F. 17.02.03 INSULATION OPTION: Mechanically Faster Glass Base Sheet S.F. 17.02.03 INSULATION OPTION: Mechanically Faster Glass Base Sheet S.F. 17.03.01 IGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION Achere Polyscoryanurate in Insulation Adhere (P. 2). Achere 1/2" Treated Gypsum Insulation Adhere (P. 2). Achere 1/2" Treated Gypsum Insulation Adhere (P. 2). Treated Appear and Insulation Adhere (P. 2). Treated Gypsum Insulation Adhere (P. 2). Adhere Polyscoryanurate in Insulation Adhere (P. 2). Treated Gypsum Insulation Board with Glass-Mate (P. 2). Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation ASTM D 4637 - Ethylene Propytene Diene Terpolymer (EPOM) - 60 Mil SP. Treated Gypsum Insulation Board with Glass-Mate (P. 2). ASTM D 4637 - Ethylene Propytene Diene Terpolymer (EPOM) - 60 Mil SP. SINGLE-PLY ROOF TYPE: Thickness S.F. ASTM D 4637 - Ethylene Propytene Diene Terpolymer (EPOM) - 60 Mil Thickness S.F. ASTM D 4637 - Ethylene Propytene Diene Terpolymer (EPOM) - 60 Mil Thickness S.F. ASTM D 4637 - Ethylene Propytene Diene Terpolymer (EPOM) - 60 Mil Thickness S.F. ASTM D 4637 - Ethylene Propytene Diene	17.02.01	INSULATION OPTION:	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	SF
17.02.03 INSULATION OPTION: Mechanically Fasten Glass Base Sheet SF 17.03 LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2* Treated Gypsum Insulation Board with Glass-Mat (e.g., DensDeck / Securod / Equal) in Insulation Adhesive / Adhere 1/2* Treated Gypsum Insulation Board with Glass-Mat (e.g., DensDeck / Securod / Equal) in Insulation Adhesive in Provide an Insulation Adhesive / Adhere 1/2* Treated Gypsum Insulation Adhesive / Adhere 1/2* Treated Gypsum Insulation Adhesive in Provide an Insulation Insulation Adhesive in Provide an Insul	47.00.00		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	
17.03 LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION			Without Insulation - Must Include Rosin &	
Adhere Polyisocyanurate in Insulation Adhesive / Afthere 1/2" Treated Gypsum Insulation Board with Glass-Maid (e.g., Dens-Deck / Securcok / Equal) in Insulation Adhesive to Provide an Adhere Polyisocyanurate in Insulation Adhesive to Provide an Insulation Board with Glass-Mait (e.g., Dens-Deck) Securcok / Equal) in Insulation Board with Glass-Mait (e.g., Dens-Deck) Securcok / Equal) in Insulation Adhesive to Provide an Insulation Adhesive to Provide and Insulation Adhesive	17.02.03	INSULATION OPTION:	Mechanically Fasten Glass Base Sheet	SF
Adhesive / Adhere 1/2* Treated Cypsum Insulation Adhesive to Provide an Insulation Adhesive Adhere 1/2* Treated Cypsum Insulation Adhesive Adhere 1/2* Treated Cypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Insulation Adhesive to Provide Insulation Adhesive to Provide an Insulation Adhesive to Provide Insulation Insulation Insulation Adhesive to Provide Insulation Insula	17.03	LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION		
17.04 CONCRETE DECK - SINGLE-PLY APPLICATION	17.03.01	INSULATION OPTION:	Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an	SF
17.04 CONCRETE DECK - SINGLE-PLY APPLICATION			Without Insulation - Must Include Rosin &	
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 Insulation Adhesive to Provide an Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Insulation Adhesive to Provide an Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20 Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Equal) in Insulation Part (e.g., DensDeck / Securock / Eq	17.03.02	INSULATION OPTION:		SF
Adhesive / Adhera 1/2 Treated Gypsum Insulation Board with Glass-Mart (e.g., DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Insulation Adhesive to Provide Insulation Insulation Adhesive to Provide Insulation Adhesive to Provide Insulation Adhesive to Provide Insulation Insulation Insulation Adhesive to Provide Insulation Insulation Insulation Insulation Adhesive to Provide Insulation Ins	17.04	CONCRETE DECK - SINGLE-PLY APPLICATION		
Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mart (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide SF	17.04.01	INSULATION OPTION:	Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an	SF
17.05 Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation	17.04.02		Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide	SF
ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil SF		ROOF CONFIGURATION:		
Diene Terpolymer (EPDM) - 45 Mil SF	17.05	Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or I		
Diene Terpolymer (EPDM) - 60 Mil SINGLE-PLY ROOF TYPE: Thickness SF	17.05.01	SINGLE-PLY ROOF TYPE:	Diene Terpolymer (EPDM) - 45 Mil Thickness	SF
Diene Terpolymer (EPDM) - 90 Mil Thickness SF	17.05.02	SINGLE-PLY ROOF TYPE:	Diene Terpolymer (EPDM) - 60 Mil Thickness	SF
ASTM D 6878 - Thermoplastic Polyolefin 17.05.04 SINGLE-PLY ROOF TYPE: (TPO) - 45 Mil Thickness ASTM D 6878 - Thermoplastic Polyolefin ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness SF ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness SF ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness SF ASTM D 4434 - Poly Vinyl Chloride (PVC) TROS.07 SINGLE-PLY ROOF TYPE: -45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) TROS.08 SINGLE-PLY ROOF TYPE: -60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) ASTM D 4434 - Poly Vinyl Chloride (PVC)	17 05 03	SINGLE DLY DOGE TYPE	Diene Terpolymer (EPDM) - 90 Mil	SE
ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness SF ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness SF ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness SF ASTM D 4834 - Poly Vinyl Chloride (PVC) T7.05.07 SINGLE-PLY ROOF TYPE: - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC)			ASTM D 6878 - Thermoplastic Polyolefin	
ASTM D 6878 - Thermoplastic Polyolefin 17.05.06 SINGLE-PLY ROOF TYPE: (TPO) - 90 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) 17.05.07 SINGLE-PLY ROOF TYPE: - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) ASTM D 4434 - Poly Vinyl Chloride (PVC) 17.05.08 SINGLE-PLY ROOF TYPE: - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) ASTM D 4434 - Poly Vinyl Chloride (PVC)			ASTM D 6878 - Thermoplastic Polyolefin	
ASTM D 4434 - Poly Vinyl Chloride (PVC) SINGLE-PLY ROOF TYPE: - 45 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) ASTM D 4434 - Poly Vinyl Chloride (PVC) SINGLE-PLY ROOF TYPE: - 60 Mil Thickness ASTM D 4434 - Poly Vinyl Chloride (PVC) ASTM D 4434 - Poly Vinyl Chloride (PVC)	17.05.05	SINGLE-PLY ROOF TYPE:		SF
17.05.07 SINGLE-PLY ROOF TYPE: - 45 Mil Thickness SF ASTM D 4434 - Poly Vinyl Chloride (PVC) SINGLE-PLY ROOF TYPE: - 60 Mil Thickness SF ASTM D 4434 - Poly Vinyl Chloride (PVC) ASTM D 4434 - Poly Vinyl Chloride (PVC)	17.05.06	SINGLE-PLY ROOF TYPE:	(TPO) - 90 Mil Thickness	SF
17.05.08 SINGLE-PLY ROOF TYPE: - 60 Mil Thickness SF ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness SF	17.05.07	SINGLE-PLY ROOF TYPE:	- 45 Mil Thickness	SF
				i
	17.05.08	SINGLE-PLY ROOF TYPE:		SF

		ASTM D 6754 - Ketone Ethylene Ester		
17.05.10	SINGLE-PLY ROOF TYPE:	(KEE) - 45 Mil Thickness	SF	
17.05.11	SINGLE-PLY ROOF TYPE:		SF	
17.05.12	SINGLE-PLY ROOF TYPE:	ASTM D 6754 - Ketone Ethylene Ester	SF	
17.03.12	SINGLE-FLI ROOF TIFE.	Add / Deduct for Mechanically Attaching	3F	
47.05.40	11/07-111-17-011-07-011	Single-Ply Roof System Vs. Fully		
17.05.13	INSTALLATION OPTION:		SF	
17.05.15		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	
		Add to provide coverage for a 15 Year		
17.05.16	WARRANTY UPCHARGE:	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	
	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH	h		
18.00	POLYURETHANE RESIN COATINGS			
18.01	POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRAT SUBSTRATE)	E (INCLUDE PRIMER FOR CONCRETE		
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 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	SF 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:		SF	
18.02.03	FLUID APPLIED MEMBRANE SYSTEM:	·	SF	
18.02.04	FLUID APPLIED MEMBRANE SYSTEM:		SF	
18.02.05		5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this	SF	
10.02.03	WARRANTI CHARGES:	10 Year Waterproofing Material Warranty	Ji	
		Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this		
18.02.06	WARRANTY CHARGES:		SF	
18.03	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYU SURFACE REPAIRS & PREPARATION	JRETHANE RESINS - CONCRETE		

	CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH		
	Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
	CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH		
	Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
	CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
	CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH	3F	
	Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
	CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH	Oi	
	Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
	CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH		
18.03.06	Removal and replacement of damaged concrete to exclude substrate repair / re-installation	SF	
	CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH		
18.03.07	Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
	CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH		
	Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement	SF	
	GRINDING		
	Grind an existing coating	SF	
	HANDHELD GRINDING Grind an existing coating in areas that only can be done by hand	SF	
	MILLING	31	
	Mill an existing coating 1/8 inch to 1/4 inch	SF	
	PRESSURE WASHING - HORIZONTAL	 	
	Pressure washing horizontal surfaces with 2000 PSI or greater	SF	
	PRESSURE WASHING - VERTICAL		
18.03.13	Pressure washing horizontal surfaces with 2000 PSI or greater	SF	
	SAND BLASTING		
	Sand blast an existing coating	SF	
	SHOT BLASTING Shot blast an existing coating	SF	
10.03.13	Shot blast an existing coating	31	
	FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY		
18.04	REPAIRS & SURFACE PREPARATION		
	STRUCTURAL EXPANSION JOINT		
	Installation or replacement of an expansion joint that is necessary for structural integrity	LF	
	CAULKING JOINTS		
10.04 07		1 -	
	Installation of caulking in joints. See caulking chart	LF	
	ROUTING AND REMOVAL OF EXISTING CAULK		
18.04.03	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints	LF LF	
18.04.03	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR	LF	
18.04.03 18.04.04	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR Route cracks, drill holes every 18" inches, and inject and seal with epoxy	LF LF	
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18.04.03 18.04.04 18.04.05 18.04.06 18.05 18.05.01 18.05.02 19.00 19.01 19.02 19.03	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR Route cracks, drill holes every 18" inches, and inject and seal with epoxy TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING INSTALL REINFORCEMENT IN COATING SYSTEM Installation of reinforcement adjustment of coverage rates to accommodate reinforcement BROADCAST GRANULES TO PROVIDE SKID RESISTANCE Broadcast aggregate or granules to provide skid resistance in top coat WALL COATINGS FOR COATING WALL SYSTEMS ELASTOMERIC COATING FOR STUCCO WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM -	LF LF SF LF SF SF SF	
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18.04.03 18.04.04 18.04.05 18.04.06 18.05 18.05.01 18.05.02 19.00 19.01 19.02 19.03 19.04	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR Route cracks, drill holes every 18" inches, and inject and seal with epoxy TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING INSTALL REINFORCEMENT IN COATING SYSTEM Installation of reinforcement adjustment of coverage rates to accommodate reinforcement BROADCAST GRANULES TO PROVIDE SKID RESISTANCE Broadcast aggregate or granules to provide skid resistance in top coat WALL COATINGS FOR COATING WALL SYSTEMS ELASTOMERIC COATING FOR STUCCO WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM -	LF LF SF LF SF SF SF	
18.04.03 18.04.04 18.04.05 18.05 18.05.01 18.05.02 19.00 19.01 19.02 19.03 19.04 20.00	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR Route cracks, drill holes every 18" inches, and inject and seal with epoxy TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING INSTALL REINFORCEMENT IN COATING SYSTEM Installation of reinforcement adjustment of coverage rates to accommodate reinforcement BROADCAST GRANULES TO PROVIDE SKID RESISTANCE Broadcast aggregate or granules to provide skid resistance in top coat WALL COATINGS FOR COATING WALL SYSTEMS ELASTOMERIC COATING FOR STUCCO WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	LF LF SF LF SF SF SF	
18.04.03 18.04.04 18.04.05 18.05 18.05.01 18.05.02 19.00 19.01 19.02 19.03 19.04 20.00	ROUTING AND REMOVAL OF EXISTING CAULK Rout and remove of existing caulk out of expansion joints EPOXY INJECTION FOR CRACK REPAIR Route cracks, drill holes every 18" inches, and inject and seal with epoxy TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING INSTALL REINFORCEMENT IN COATING SYSTEM Installation of reinforcement adjustment of coverage rates to accommodate reinforcement BROADCAST GRANULES TO PROVIDE SKID RESISTANCE Broadcast aggregate or granules to provide skid resistance in top coat WALL COATINGS FOR COATING WALL SYSTEMS ELASTOMERIC COATING FOR STUCCO WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR EFIS WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CMU WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM - Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified	LF LF SF LF SF SF SF	

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	SF	
		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		
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 - 600	SF	
20.01.05	FLASHING OPTION: 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 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	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	
		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		
20.01.06	FLASHING OPTION:	· · · · · · · · · · · · · · · · · · ·	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	
		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		
20.01.10	FLASHING OPTION:		SF	
20.01.11	PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application		SF	
	PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING	ADHESIVE		
20.01.12	Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flas Torch Applied Flashings -	hing Adhesive Application	SF	
20.02	Minimum 1 Ply of Torch Base and Torch Mineral Cap Sheet; Torch Applied			
20.02.01	FLASHING OPTION: Self-Adhering Flashings -	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	Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Self	-Adhering		

		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 -	_	
20.03.01	FLASHING OPTION:	130 lbf/in tensile	SF	
20.04	Single-Ply Flashings - Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply F	· ·		
20.04.01	ROOF MEMBRANE OPTION:	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil	SF	
20.04.01	ROOF MEMBRANE OF HON.	ASTM D 4637 - Ethylene Propylene	31	
		Diene Terpolymer (EPDM) - 60 Mil		
20.04.02	ROOF MEMBRANE OPTION:		SF	
		ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil		
20.04.03	ROOF MEMBRANE OPTION:		SF	
		ASTM D 6878 - Thermoplastic Polyolefin		
20.04.04	ROOF MEMBRANE OPTION:	` '	SF	
20.04.05	ROOF MEMBRANE OPTION:	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	SF	
20.01.00	NOO! III_III_JUNE_G! NO!!	ASTM D 6878 - Thermoplastic Polyolefin	<u> </u>	
20.04.06	ROOF MEMBRANE OPTION:	(TPO) - 90 Mil Thickness	SF	
20 04 07	DOOF MEMBRANE OPTION.	ASTM D 4434 - Poly Vinyl Chloride (PVC)	SF	
20.04.07	ROOF MEMBRANE OPTION:	ASTM D 4434 - Poly Vinyl Chloride (PVC)	SF	
20.04.08	ROOF MEMBRANE OPTION:		SF	
		ASTM D 4434 - Poly Vinyl Chloride (PVC)	_	
20.04.09	ROOF MEMBRANE OPTION:	- 90 Mil Thickness ASTM D 6754 - Ketone Ethylene Ester	SF	
20.04.10	ROOF MEMBRANE OPTION:		SF	
		ASTM D 6754 - Ketone Ethylene Ester		
20.04.11	ROOF MEMBRANE OPTION:	()	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			
04.04.04	THOMESS SETTING	Bare Aluminum Panel Price -	05	
21.01.01	I HICKNESS OPTION:	0.032" Aluminum, 36" Wide Panels Add for Bare Aluminum 0.040"	SF	
21.01.02	THICKNESS OPTION:	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 ODTION.	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	SF	
21.01.00	THORNEOU OF HOR.	Add for 32" Panel Width - Galvalume	0.	
21.01.06	PANEL WIDTH OPTION:		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	

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		Add for Premium or Custom Colors -		
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or		
21.01.09	COLOR OPTION:		SF	
		Stainless Steel		
21.01.10	THICKNESS OPTION:	Panel Price - 24 Ga, 36" Wide Panels	SF	
		Stainless Steel		
21.01.11	THICKNESS OPTION:	Panel Price - 22 Ga, 36" Wide Panels	SF	
	THOUSE OF HOUSE	22 04, 00 1140 14100	<u>. </u>	
21.01.12	DANEL WIDTH OPTION.	Add for 32" Panel Width - Stainless Steel	SF	
21.01.12	PANEL WIDTH OFTION.		ЭГ	
		Copper		
21.01.13	THICKNESS OPTION:	Panel Price - 16 Oz., 36" Wide Panels	SF	
		Copper		
21.01.14	THICKNESS OPTION:	Panel Price - 20 Oz., 36" Wide Panels	SF	
21.01.15		Add for 32" Panel Width - Copper	SF	
		Zinc		
21.01.16	THICKNESS OBTION:	Panel Price - 0.032", 36" Wide Panels	SF	
21.01.10	THICKNESS OF HOW.	 	3F	
		Zinc		
21.01.17		Panel Price - 0.040", 36" Wide Panels	SF	
21.01.18	PANEL WIDTH OPTION:	Add for 32" Panel Width - Zinc	SF	
		Over Girts; 3/4" of Expanded Polystyrene		
		(Minimum 1.5 lbs./cft) Installed Between		
21.01.19	PANEL INSTALLATION & INSULATION OPTION:		SF	
	. AREE INCIDENTION & INCOMMING OF HOR.	+	<u>. </u>	
		Over Girts; Mechanically Fastened		
04.04.55	BANEL MARKET ARION A MAN ARION	Polyisocyanurate with an Average R-	.	
21.01.20	PANEL INSTALLATION & INSULATION OPTION:	Value of 19 Installed Between Girts	SF	
		Over Girts; Mechanically Attach Batten		
		Fiberglass Insulation with an Average R-		
21.01.21	PANEL INSTALLATION & INSULATION OPTION:		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	
21.01.22	PANLE INSTALLATION & INSOLATION OF TION.	Attacriment System	31	
21.01.23	PANEL INSTALLATION & INSULATION OPTION:		SF SE	
21.01.24	PANEL INSTALLATION & INSULATION OPTION:	Over Plywood; No Insulation	SF	
	WALL SYSTEM			
21.02	Concealed Fastener Wall Panel System - 12" Wide Panels			
		Bare Aluminum Panel Price -		
21.02.01	THICKNESS OPTION.	0.032" Aluminum Thickness	SF	
_ 1.02.01	THIORIALGS OF HON.	5.552 / Walling II Hourious	<u> </u>	
04.00.00	THAIRIPS STORY	Add for Done Aluminum C 040" Alumi		
21.02.02	THICKNESS OPTION:	Add for Bare Aluminum, 0.040" Aluminum	SF	
		Bare Galvalume Coated Steel or Equal		
21.02.03	THICKNESS OPTION:	Panel Price - 24 Ga	SF	
		Bare Galvalume Coated Steel or Equal		
21.02.04	THICKNESS OPTION:		SF	
- '- '		-	-	
		Add for Standard Colors - Fluorocarbon		
04.00		Paint System Over Aluminum or		
21.02.05	COLOR OPTION:	Galvalume Coated Steel Or Equal	SF	
		Add for Designer Colors - Fluorocarbon		
		Paint System Over Aluminum or		
21.02.06	COLOR OBTION:	Galvalume Coated Steel Or Equal	SF	
-1.02.00	L COLON OF HON.	Carraianio Coatou Otoci Oi Equai	Ç.	

		Add for Premium or Custom Colors -		
		Fluorocarbon Paint System Over		
		Aluminum or Galvalume Coated Steel Or	_	
21.02.07	COLOR OPTION:	-	SF	
		Stainless Steel		
21.02.08	THICKNESS OPTION:		SF	
		Stainless Steel		
21.02.09	THICKNESS OPTION:	Panel Price - 22 Ga Thickness	SF	
		Copper		
21.02.10	THICKNESS OPTION:	Panel Price - 16 Oz Thickness	SF	
		Copper		
21.02.11	THICKNESS OPTION:	Panel Price - 20 Oz Thickness	SF	
		Zinc		
21.02.12	THICKNESS OPTION:	Panel Price - 0.032" Thickness	SF	
		Zinc		
21.02.13	THICKNESS OPTION:	Panel Price - 0.040" Thickness	SF	
		Over Girts; 3/4" of Expanded Polystyrene		
		(Minimum 1.5 lbs./cft) Installed Between		
21.02.14	PANEL INSTALLATION & INSULATION OPTION:	Girts	SF	
		Over Girts; Mechanically Fastened		
		Polyisocyanurate with an Average R-		
21.02.15	PANEL INSTALLATION & INSULATION OPTION:	, ,	SF	
		Over Girts; Mechanically Attach Batten		
		Fiberglass Insulation with an Average R-		
21.02.16	PANEL INSTALLATION & INSULATION OPTION:	· ·	SF	
21.02.17	PANEL INSTALLATION & INSULATION OPTION:		SF	
21.02.17	TANLE INSTALLATION & INSSEATION OF TION.	Over 1 tywood, two madiation	01	
		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		
21.02.18	PANEL INSTALLATION & INSULATION OPTION:		SF	
21.02.10	PANEL INSTALLATION & INSOLATION OF TION.	Attaciment System	31	
		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		
21.02.19	PANEL INSTALLATION & INSULATION OPTION:	_	SF	
		Add for Factory Insulated Concealed		
21.02.20	PANEL TYPE OPTION:		SF	
21.03	AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WALL GYPSUM SHEETING)	LS OR STUD WALL WITH EXTERIOR		
04.00.01		FI.: 1 A 1 O	05	
21.03.01	Non-Permeable Option:	Fluid Applied System - ASTM 2178	SF	
L.		Fluid Applied Water Based System -	_	
21.03.02	Non-Permeable Option:	ASTM 2178	SF	
21.03.03	Non-Permeahle Ontion	Membrane System - ASTM E 2178	SF	
21.03.03	Non-reimeable Option:		31	
04.00.04	B 11 - 2 - 4	Fluid Applied System - ASTM E 2178 &	CE	
21.03.04	Permeable Option:		SF	
		Fluid Applied Water Based System -		
21.03.05	Permeable Option:	ASTM 2178 & ASTM E 96	SF	
		Membrane System - ASTM 2178 &		
21.03.06	Permeable Option:	ASTM E 96	SF	
21.04	INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIER	5)		
	INCOLATION FOR WALL AT LIGATIONS (INSTALLED OVER AIR BARRIER		ı	
21.04.01	Insulation Option:	1" Rock Wool Insulation Installed	SF	
	- P			
21.04.02	Insulation Ontion	2" Rock Wool Insulation Installed	SF	
21.04.03	Insulation Option:	3" Rock Wool Insulation Installed	SF	
1.0				

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:		SF	
21.04.07	Insulation Option:	3" Extruded Polystyrene Insulation Installed	SF	
21.04.08	Insulation Option:	4" Extruded Polystyrene Insulation Installed	SF	
	JOB SITE SPECIFIC MULTIPLIERS The multipliers are applied to all line items in total (unless the contrary is s conditions they address effect overall labor production, construction comp Multipliers can be used on a single project, but they are not meant to comp For Reference: Attachment B Pricing in this IFB is for material, equipment, based upon a 200 - 300 square roofing project that is being performed on a project will have only one roof level that is not more than 20 ft high from the minimal penetrations/obstructions. It is also based upon a 200 - 300 square of the building are assumed to be box- or rectangular- shaped with minima that the sides of the building will have clear tie-off points and easy to access.	olexity and/or equipment requirements. ound on each other. tools, labor and supervision necessary box- or rectangular-shaped building. It e ground. The roof is anticipated to have masonry, wall panel or waterproofing I doors, windows, penetrations or obstr	Multiple Job to install the is also assu e clear acce project. The	e line item. It is umed that the ess point and e exterior sides
	MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS Multiplier is applied when labor production is effected by roof or building access. be more difficult include, but are not limited to: no access for lifts or cranes, acce access point requires the closure of a building entrance, roof level is not accessil adjacent roofs or roof materials and materials and equipment must be loaded to area, roof materials and equipment must be carried to the roof through an interior staging areas on the ground, etc.	Situations that can cause roof access to ss is dependent upon road closure, ole from the ground, roof area is interior to one roof area and carried to another roof	%	
	MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR W. Multiplier is applied when labor production is effected daily by the lost time in get the job site. Situations include, but are not limited to clearing each employee and through security gates with vehicles, tradespeople and equipment, stringent backetc.	ing through security or getting access to I all tools through metal detectors, passing	%	
	MULTIPLIER - MULTIPLE MATERIAL STAGINGS Multiplier is applied when labor production is effected by the time it takes to stage but are not limited to staging materials to perform work on multiple roof levels, pl. the job is over sensitive work areas requiring staging from more than one point, or	anned shutdowns and restarts, portion of	%	
	MULTIPLIER - ACCELERATED SCHEDULE Multiplier is applied when increased labor burdens are required due to an accele but are not limited to requiring multiple concurrent trade crews beyond what is no be performed on two (back-to-back) shifts, work requires larger than standard cr	rmally expected for project size, work to	%	
	MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS Multiplier is applied when increased labor burdens are required due to working he	ours being limited to nights (equivalent of	•	
	3rd shift), weekends or holidays. MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIOI Multiplier is applied when labor production is effected a large number of roof pen areas or low overhead clearance requiring more hand work. Situations include, like: soil stacks, sky lights, roof drains, exhaust vents, HVAC equipment, etc. or rwork, electrical wires, hoses or raised equipment, etc.	etrations, a limited amount of open roof out are not limited to rooftop penetrations	<u></u> %	
	MULTIPLIER - CLEARENCE RESTRICTIONS REQUIRE WORKING FROM KNONLY THE EFFECTED ROOF AREA)	•	,,,	
22.07	Multiplier is applied when labor production is effected by height restrictions. Situaclearance requiring more hand work include, but are not limited to rooftop equipm MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN CO	nent.	%	
	Multiplier is applied when labor production is effected by the roof height. This mulan estimated 2 stories, but are less than or equal to an estimated 5 stories. Add safety requirements, larger lift equipment, tie-offs, etc.		%	
	MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN COMULTIPLIER - ROOF HEIGHT IS GREATER THAN COMULT - ROOF HEIGH			

	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,		
22.10	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	%	

	Olambia de Cardinia		
22.01	Cleaning & Caulking	C.L	
23.01	Pressure Wash to Clean Horizontal Surfaces Pressure Wash to Clean Vertical Surfaces	SF	
23.02	Pressure Wash with TSP or Simple Green to Clean Horizontal Surfaces	SF SF	
23.04	Pressure Wash with TSP or Simple Green to Clean Portical Surfaces	SF	
23.04	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 Polizonial 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 Aggregate from Roof Surface Aspiral Bork (Size Reference: 100' X 12")	SF	
23.10	Remove & Dispose Loose Aggregate from Roof Surface (Wet Vac)	SF	
23.11	Power Broom Roof Surface	SF	
23.12	Remove & Dispose Ballast from Roof Surface	SF	
23.14	Remove & Dispose Ballast from Roof Surface at Approved Disposal Site	SF	
23.14	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	
23.17	Apply Coating (Paint) to Horizontal Surface	SF	
23.10		SF	+
23.19	Apply Coating (Paint) to Vertical Surface Caulking: Remove Existing Caulking & Clean and Prime Joint	LF	+
23.20	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter	LF	
23.21	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF	
23.22	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	
23.24	Masonry section	UNIT	¢ nor Unit
22.25	•	SF	\$ per Unit
23.25	Remove and Reset Bricks; 1-50 SF	SF	
23.26	Remove and Reset Bricks; Over 50 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	
	IDamova Brioka Blocka Coning Stones, Over FO SE	0.5	
23.30	Remove Bricks, Blocks, Coping Stones; Over 50 SF	SF	
23.30	Remove Bricks, Blocks, Coping Stones; Over 50 SF Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	SF UNIT	\$ per Unit
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	UNIT	\$ per Unit
23.30	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage		\$ per Unit
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise)	UNIT	\$ per Unit
23.31	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting	UNIT Each	
23.31	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting	UNIT Each SF UNIT	\$ per Unit
23.31 23.32 23.33	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (1/2" wide by 3/4" depth)	UNIT Each SF UNIT SF	
23.31 23.32 23.33 23.34	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (1/2" wide by 3/4" depth) Removal of existing mortar (3/4" wide by 3/4" depth)	Each SF UNIT SF SF	
23.31 23.32 23.33 23.34 23.35	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth)	UNIT Each SF UNIT SF SF SF	
23.31 23.32 23.33 23.34	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth)	UNIT Each SF UNIT SF SF SF SF	\$ per Unit
23.31 23.32 23.33 23.34 23.35 23.36	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work	UNIT Each SF UNIT SF SF SF	
23.31 23.32 23.33 23.34 23.35 23.36	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth)	UNIT Each SF UNIT SF SF SF SF UNIT	\$ per Unit
23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (½" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth)	UNIT Each SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit
23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth)	UNIT Each SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit
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23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (½" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets	UNIT Each SF UNIT SF SF SF UNIT SF SF UNIT SF SF UNIT	\$ per Unit
23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high)	UNIT Each SF UNIT SF SF SF SF UNIT SF SF SF SF SF SF SF SF	\$ per Unit
23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (42" high)	UNIT Each SF UNIT SF SF SF UNIT SF SF UNIT SF SF SF SF SF SF SF SF SF S	\$ per Unit
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23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.43	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1 ½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high)	UNIT Each SF UNIT SF SF SF UNIT SF SF SF SF UNIT SF SF UNIT SF SF UNIT	\$ per Unit
23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high)	UNIT Each SF UNIT SF SF SF UNIT SF SF SF UNIT SF SF UNIT SF SF SF UNIT SF SF	\$ per Unit \$ per Unit \$ per Unit
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23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48	Brick, block and brick exterior wall maintenance, repair and application of protective coatings. Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swing stage 4", 6" and 8" block (high-rise) Selective Demolition of Brick Masonry Units with perimeter saw cutting Selective Demolition of Mortar Joint with Perimeter Saw cutting Removal of existing mortar (½" wide by ¾" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (½" wide by 1½" depth) Removal of existing mortar (¾" wide by 1½" depth) New Pointing Work Furnish and install new mortar (¾" wide by ¾" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Furnish and install new mortar (¾" wide by 1½" depth) Removal of Roof Parapets Removal of Roof Parapets Removal of parapet wall (24" high) Removal of parapet wall (24" high) Removal of parapet wall (42" high)	UNIT Each SF UNIT SF SF SF UNIT SF	\$ per Unit \$ per Unit \$ per Unit \$ per Unit

22.52	Trumish and Install Naw Driek Massamu w/Massa Llales and Canada	C.F.	
23.53 23.54	Furnish and Install New Brick Masonry w/Weep Holes and Screens Parging and waterproofing of back-up wall	SF SF	
23.34	Roof Coping Stones.	UNIT	\$ per Unit
23.55	Removal of existing roof coping stones (16 inches)	SF	y per onit
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		
_0.00	i tarribring statet, to see support facilities	EA	
23.81	Plumbing stack, 24 gad Zinc flashing	EA EA	
	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing	+	
23.81 23.82 23.83	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight	EA EA EA	
23.81 23.82 23.83 23.84	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners	EA EA EA	
23.81 23.82 23.83 23.84 23.85	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit	EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit	EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds	EA EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit	EA EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight	EA EA EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit	EA EA EA EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler	EA EA EA EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91 23.92	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91 23.92 23.93	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA EA EA EA EA EA EA EA	
23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91 23.92	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	
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23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91 23.92 23.93 23.94 23.95	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit Installation of Roof Curbs 2" X 4" Installation of Roof Curbs 2" X 6"	EA E	
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23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91 23.92 23.93 23.94 23.95 23.96 23.97 23.98 23.99 23.100 23.101 23.102 23.103	Plumbing stack, 24 gad Zinc flashing Plumbing stack, 4# lead flashing Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit Installation of Roof Curbs 2" X 4" Installation of Roof Curbs 2" X 4" Installation of Roof Curbs 2" X 8" Installation of Coping/Edge Nailers 2" X 4" Installation of Coping/Edge Nailers 2" X 8" Installation of Coping/Edge Nailers 2" X 10" Installation of Coping/Edge Nailers 2" X 12" Installation of Coping/Edge Nailers 2" X 14"	EA 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	1
23.125	Install Self-Adhering Cap Sheet Over Repair Area (> 500 SF)	SF	
23.126	Torch Cap Sheet Over Repair Area (< 500 SF)	SF	1
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	
23.170	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

Aluminum		1	1	
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				

O' / O / This has a	SS	SS	Copper	Coppe
Size / Gauge / Thickness	24 Ga	26 Ga	16 oz	20 oz
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				

Size / Gauge	16 Ga	20 Ga	22 Ga	24 G
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				

Size / Gauge	16 Ga	20 Ga	22 Ga	24 G
6"				
8"				
10"				
12"				
14"				
16"				
18"				
20"				
22"				
24"				
26"				
28"				
30"				
32"				
34"				
36"				
38"				
40"				
42"				
44"				
46"				
48"				

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

					1.0	Jomponem	Polyuretna	me					
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"													1
,-			1	1		1	1						

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		Multiplier	
Prevailing		for Prevailing	
Wage		Wage Rates	
Rate	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			
\$117.50			
φ120.00			

TALLAHASSEE DEMOCRAT Tallahassee • com

A GANNETT COMPANY

Attn:
PHASE:3
109 WESTPARK DRIVE
BRENTWOOD, 37027

STATE OF FLORIDA COUNTY OF LEON:

Before the undersigned authority personally appeared Mildu Sulve who on oath says that he or she is a Legal Advertising Representative of the Tallahassee Democrat, a daily newspaper published at Tallahassee in Leon County, Florida; that the attached copy of advertisement, being a Legal Ad in the matter of

NOTICE

In the Second Judicial Circuit Court was published in said newspaper in the issues of:

08/09/19

Affiant further says that the said Tallahassee Democrat is a newspaper published at Tallahassee, in the said Leon County, Florida, and that the said newspaper has heretofore been continuously published in said Leon County, Florida each day and has been entered as periodicals matter at the post office in Tallahassee, in said Leon County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he or she has never paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and Subscribed before me this 9th of August 2019, by Will Samuel who is personally known to me.

Affiant

Notary Public. State of Wisconsin, County of Brown

5.15.83

My commission expires

PUBLIC NOTICE

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://racinecounty.com/doing-business/purchasing-rips-and-bids or from the Purchasing office.

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.co m.

Publication: 8/9/2019

NANCY HEYRMAN Notary Public State of Wisconsin

TIMES UNION

timesunion.com

Albany Times Union News Plaza Box 15000 Albany, New York 12212

PHASE 3 MARKETING & COMMUNICATIONS

109 WESTPARK DRIVE

SUITE 360

BRENTWOOD, TN 37027

Account Number:

600110312

Order Number:

0004069899

Order Invoice Text:

(IFB No. PW1908 -

T Tomes / R Bernard / T Duquette / P Sheehan / A Rubel of the city of Albany, being duly sworn, says that he/she is principal Clerk of THE TIMES UNION, a daily newspaper printed in the county of Albany, Town of Colonie, and Published in the County of Albany, Town of Colonie and the city of Albany, aforesaid and that notice of which a printed copy is annexed has been regulary published in the said ALBANY TIMES UNION on the following dates

08-10-2019

Sworn to before me, this

day of

iust :

Notary Public Albany County

TRACI RABIDOUE

NOTARY PUBLIC-STATE OF NEW YORK

No. 01RA6319968

Qualified in Albany County

My Commission Expires 03-02-2023

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TU1t 4069899



PO BOX 194

Phoenix, Arizona 85001-0194 (602) 444-7315 FAX (602) 444-5901

PNI-Arizona Business Gazette

PHASE:3 109 WESTPARK DRIVE, SUITE 360 BRENTWOOD, TN 37027

Order # 0003723996

of Affidavits 1

P.O # PW1908

Published Date(s):

08/08/19

STATE OF WISCONSIN COUNTY OF BROWN

SS.

I, being first duly sworn, upon oath deposes and says: That I am the legal clerk of the Arizona Republic, a newspaper of general circulation in the counties of Maricopa, Coconino, Pima and Pinal, in the State of Arizona, published weekly at Phoenix, Arizona, and that the copy hereto attached is a true copy of the advertisement published in the said paper on the dates indicated.

Sworn to before me this

8 TH day of AUGUST 2019

Notary Public

My Commission expires:

AFFIDAVIT OF PUBLICATION

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238in accordance with the solicitation documentation available at https://racinecounty.com/doing-business/purc hasing-rfps-and-bids or from the Purchasing office.

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BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700or Duane.McKinney@racinecounty.com.



AFFIDAVIT OF PUBLICATION





921 S.W. Washington St. Suite 210 / Portland, OR 97205-2810 (503) 226-1311

STATE OF OREGON, COUNTY OF MULTNOMAH -- ss.

I, Michelle Ropp, being first duly sworn, depose and say that I am a Principal Clerk of the Daily Journal of Commerce, a newspaper of general circulation in the counties of CLACKAMAS, MULTNOMAH, and WASHINGTON as defined by ORS 193.010 and 193.020; published at Portland in the aforesaid County and State; that I know from my personal knowledge that the Goods and Services notice described as

Case Number: NOT PROVIDED

ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES Racine County; Bid Location Racine, WI, Racine County; Due 09/09/2019 at 02:00 PM

a printed copy of which is hereto annexed, was published in the entire issue of said newspaper for 1 time(s) in the following issues:

8/9/2019

State of Oregon County of Multriomah

> SIGNED OR ATTESTED BEFORE ME ON THE 9th DAY OF August, 2019

> > Michelle Ropp

Notary Public-State of Oregon

OFFICIAL STAMP
SELAH MICHELE FARMER
NOTARY PUBLIC - OREGON
COMMISSION NO. 959961
MY COMMISSION EXPIRES FEBRUARY 27, 2021

Rich Melin National Ipa 109 Westpark Dr Ste 360 Brentwood, TN 37027-5062 RACINE COUNTY, WISCONSIN ROOFING SUPPLIES AND SERVICES, WATERPROOFING, AND RELATED PRODUCTS AND SERVICES Bids Due 2:00 pm, September 9, 2019 INVITATION TO BID

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://racine.county.com/doing-business/purchas ing-rfps-and-bids or from the Purchasing office.

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI. BID DUE DATE:

September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com. Published Aug. 9, 2019. 11778287

Order No.:

11778287

Client Reference No:

FED.TAX I.D.# 87-0217663 801-204-6910		The Salt Lake Critical
PROOF OF PUBLICATION CUSTOMER'S	S СОРУ	
CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
PHASE 3, ACCOUNTS PAYABLE 109 WESTPARK DR STE 360 BRENTWOOD TN 37027	9001501174 DATE 8/8/2019	Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1 908). In order to be considered, the Bidder
ACCOUNT NAME		must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in
PHASE 3,		tation documentation
TELEPHONE	ORDER # / INVOICE NUMBER	ovailable at https:// racinecounty.com/doing- business/purchasing-rfps- and-bids or from the Pur- chasing office.
6155674070	0001263462 /	
PUBLICATION SCHEDULE		NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County
START 08/08/2019 END 08/08/2019		Courthouse, 730 Wisconsin Avenue, Racine, WI.
CUSTOMER REFERENCE NUMBER		BID DUE DATE: September 9, 2019 BE- FORE 2:00 PM CT. CON-
Omnia Contract PW1908 Roofing Supplies		TACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane. McKinney@racinecounty.
CAPTION		com. 1263462 UPAXLP
PUBLIC NOTICE Racine County, Wisconsin is	requesting sealed bids from qualified co	onti
SIZE		
41 LINES 1 COLUMN(S		
TIMES TOTAL COST		51
2 69.78		
	AFFIDAVIT OF PUBLICATION	
S NEWSPAPER AGENCY COMPANY, LLC dba DVERTISEMENT OF <u>PUBLIC NOTICE</u> Racine Cou upplies and Services, Waterproofing, and Relate FOR TAH MEDIA GROUP, AGENT FOR DESERET NEWS ANGUAGE WITH GENERAL CIRCULATION IN UTA TAH. NOTICE IS ALSO POSTED ON UTAHLEGALS. EMAINS ON UTAHLEGALS.COM INDEFINITELY, CO UBLISHED ON	Inty, Wisconsin is requesting sealed bids from PHASE 3, WAS PUBLISHED BY THE NEW AND THE SALT LAKE TRIBUNE, DAILY NOW, AND PUBLISHED IN SALT LAKE CITY, COM ON THE SAME DAY AS THE FIRST.	n qualified contractors to provide Roofin WSPAPER AGENCY COMPANY, LLC du EWSPAPERS PRINTED IN THE ENGLIS SALT LAKE COUNTY IN THE STATE O NEWSPAPER PUBLICATION DATE AN

PI Joud mundon DATE SIGNATURE 8/8/2019

STATE OF UTAH

COUNTY OF ____SALT LAKE

SUBSCRIBED AND SWORN TO BEFORE ME ON THIS 8TH DAY OF AUGUST IN THE YEAR 2019

BY LORAINE GUDMUNDSON.



NOTARY PUBLIC SIGNATURE

Page : 1 of 1 08/07/2019 16:22:48 Ad Number

Order Number : 20457629 Salesperson : Legal - Legals - Helena PO Number : Rich Melin Publication : Independent Record Customer : 60036285 Phase 3 Marketing & CommuniSection : Class Section

Contact : Sydney Rubin Sub Section : Legal Category : 9999 Legals : 9999 Legals

 Address2
 :
 Suite 360
 Dates Run
 :
 08/08/2019-08/08/2019

 City St Zip
 :
 Brentwood TN 37027
 Days
 :
 1

Phone : Size : 2 x 2.20, 19 lines
Fax : Words : 108

Printed By : Billie Jo Williams Ad Price : 72.82
Entered By : Billie Jo Williams Amount Paid : 0.00
Amount Due : 72.82

Keywords: Region 4 Education Service Center is requesting pr

Notes : Region 4 Education Service Center is in Service Center in Service Center is in Service Center in Service Center is in Service Center in Service Center in Service Center is in Service Center in

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://racinecounty.com/doing-business/purchasing-rfps-and-bid s or from the Purchasing office.

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI. BID DUE DATE:

September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

August 8, 2019 MNAXLP

AFFIDAVIT OF PUBLICATION STATE OF MONTANA,

County of Lewis & Clark

Cathyann Christian

Being duly sworn, deposes and says;

That she is the principal clerk of the Independent Record, a newspaper of general circulation published daily in the City of Helena, in the County of Lewis & Clark, State of Montana, and has charge of the advertisement therof:

11013739

That the Requesting Bids

a true copy of which is hearto annexed, was published in said newspaper on the following dates: viz.:

August 8, 2019

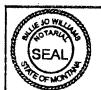
making in all_1_ publication(s)

College Obter

Subscribed and sworn to me this _8_ day of _August_, 2019.

Notary Public for the State of Montana Printed Name: Billie Jo Williams Residing at Clancy, Montana 59634 My commission expires August 31, 2022

(Notary Seal)



BILLIE JO WILLIAMS
NOTARY PUBLIC for the
State of Montana
Residing at Clancy, Montana
My Commission Expires
August 31, 2022

The Herald-News

Description: OMNIA CONTR. PW1908 ROOF 1690957 **OMNIA CONTR PW1908**

PHASE 3 MARKETING & COMMUNICATIONS P O BOX 680758 **MARIETTA GA 30068**

Shaw Media certifies that it is the publisher of The Herald-News. The Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Joliet, County of Will, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time(s) in The Herald-News, namely one time per week for one successive week(s). Publication of the notice was made in the newspaper, dated and published on 08/08/2019

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its publisher, at Joliet, Illinois, on 8th day of August, A.D. 2019

Shaw Media By:

J. Tom Shaw, Publisher

Account Number 10174037

Amount \$85.10

PUBLIC NOTICE

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documenta-

https://racinecounty.com/ doing-business/ purchasing-rips-and-bids or from the Purchasing

or from the Purchasing office.

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Bering Mil. Avenue, Racine, WI. BID DUE DATE:

September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchas-

ing Coordinator, 262-636-3700 or <u>Duane.McKinney@</u> racinecounty.com.

(Published in Herald-News August 8, 2019)1690957

AFFIDAVIT OF PUBLICATION

(IFB No. I	IN THE MATTER (PW1908) Roofing Supplies and Ser and Related Products and Ser	vices, Waterproofing, }		
STATE OF HAWAII	}	}		
City and County of Honolulu	} SS. }			
Doc. Date:	AUG - 8 20	019 # Pages: 1	Racine County Wi	sconsin is requesting sealed bids
Notary Name: Patr	icia K. Reese	"Hist Judicia Circuit		
Doc. Description:	Affidavit of	NOTARY PUBLIC No. 86-467	in accordance with available at http:	actors to provide Robing Supplies erproofing, and Related Products No. PW1908). In order to be lder must complete and submit a acine County Courthouse, 730 Racine, Wisconsin 53403-1238 In the solicitation documentation S://racinecounty.com/doing-sing-rfps-and-bids or from the
Notary Signature	Cun AUG - 8 2019 Date		NON-MANDATORY August 15, 2019, 9	PRE-BID CONFERENCE: Thursday, 0:00 am CT, 1st floor conference unity Courthouse, 730 Wisconsin
Gwyn Pang being duly sworn, de execute this affidavit of Oahu Pul Star-Advertiser, MidWeek, The C Tribune-Herald, that said newspa of Hawaii, and that the attached n	olications, Inc. publisher of The Garden Island, West Hawaii Too pers are newspapers of general	e Honolulu day, and Hawaii circulation in the State	Duane McKinney, P	BEFORE 2:00 PM CT. CONTACT: urchasing Coordinator, 262-636-nnev@racinecounty.com.
Honolulu Star-Advertiser	1 times on:			
08/08/2019				
MidWeek	0 times on:			
The Garden Island	0 times on:			
Hawaii Tribune-Herald	0times on:			
West Hawaii Today	0 times on:			
Other Publications:		0 times on:	TRICIA K A	in the second second
And that affiant is not a party to o	r in any way interested in the a	bove entitled matter.	NOTARY PUBLIC No. 86-467	
Gwyn Pang	y ang		No. 86-467	
Subscribed to and sworn before m	e this <u>8</u> day of <u>Aug</u>	ust A.D. 20 19	TO HAND	A. der
	of the First Judicial Circuit, Sta	te of Hawaii		
Ad# 0001222121		eni	NO :	LNI

Page



AFFIDAVIT OF PUBLICATION

STATE OF TEXAS:

Before me, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared, the Newspaper Representative at the HOUSTON CHRONICLE, a daily newspaper published in Harris County, Texas, and generally circulated in the Counties of: HARRIS, TRINITY, WALKER, GRIMES, POLK, SAN JACINTO, WASHINGTON, MONTGOMERY, LIBERTY, AUSTIN, WALLER, CHAMBERS, COLORADO, BRAZORIA, FORT BEND, GALVESTON, WHARTON, JACKSON, and MATAGORDA and that the publication, of which the annexed herein, or attached to, is a true and correct copy, was published to-wit:

PHASE 3 MARKETING COMMUNICAT

CNPM-Magnolia Potpourri

0000199731

HC085601320

Aug 21 2019 Legal Notices

RAN A LEGAL NOTICE SIZE BEING: 2 x19 L

Product Date Class CNCY-Cypress Creek Mirror (Cypress/Cy-F; Aug 14 2019 Legal Notices CNCH-Cypress Creek Mirror (Champions/KI Aug 14 2019 Legal Notices Legal Notices Aug 14 2019 CNPM-Magnolia Potpourri CNPO-Tomball Potpourri Aug 14 2019 Legal Notices CNCY-Cypress Creek Mirror (Cypress/Cy-F; Aug 21 2019 Legal Notices Legal Notices CNCH-Cypress Creek Mirror (Champions/KI Aug 21 2019

Houston Chronicle Page 2 of 3 0000199731 PHASE 3 MARKETING COMMUNICAT Page Date Class Product CNPO-Tomball Potpourri Aug 21 2019 Legal Notices Sworn and subscribed to before me, this 27th Day of August A.D. 2019 Notary Public in and for the State of Texas

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://racinecounty.com/doing-business/purchasing-rfps-and-bids or from the Purchasing office.

NON-MANDATORY PRE-BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

BID DUE DATE; September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

AFFIDAVIT OF PUBLICATION

STATE OF NEVADA) COUNTY OF CLARK) SS:

> PHASE 3 MARKETING & COMM **SUITE 360 109 WESTPARK DRIVE BRENTWOOD TN 37027**

Account #

170430

Ad Number

0001063044

Leslie McCormick, being 1st duly sworn, deposes and says: That she is the Legal Clerk for the Las Vegas Review-Journal and the Las Vegas Sun, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy attached for, was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 08/08/2019 to 08/08/2019, on the following days:

08 / 08 / 19

REQUEST FOR BIDS Recine County, Wisconsin is requesting seeled bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908), in order to be considered the Bidder must complete and submit a scaled bid to Recine County Courtbourse, 730 Wisconsin Avenue, Racine, Wisconsin Avenue, Racine, Wisconsin Avenue, Racine, Waterdand With Machine Scilicitation documentation Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://racinecounty.com/doi ng-business/purchasing-fesand-bids or from the Purchasing office. NON-MANDATORY PRE-EID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wi. BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT, CONTACT: Duane Ackliney, Purchasing Coordinator, 262-636-3700 or Duane McKinney@racinecoun ty.com. PUB: August B, 2019 LV Review Journal

LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 8th day of August, 2019

Notary

MARY A. LEE Notary Public, State of Nevada Appointment No. 09-8941-1 My Appt. Expires Dec 15, 2020 TO: BRITTANY RAINONE 109 WESTPARK DRIVE, SUITE 360 BRENTWOOD, TN 37027

choose to know



Daily-Montgomery, Montgomery County, Al.

E-Verify#: DHS72179

PROOF OF PUBLICATION

State of Alabama

County of Montgomery:

Before the undersigned authority personally appeared Crystal Jones who on oath, says that she is a personal representative of the *Montgomery Advertiser*, a daily newspaper published in Montgomery. Alabama: that the attached copy of advertisement, being a Legal in the matter of:

RACINECOUNTYWISCONSINISREQUESTINGSEALEDBIDSFROM

Ad Number: 0003728949

Was published in said newspaper in the issue(s) of:

08/12/19, 08/19/19, 08/26/19

Affiant further says that the said *Montgomery Advertiser* is a newspaper published in said Montgomery County. Alabama, and that the said newspaper has heretofore been published in said Montgomery County. Alabama, and has been entered as second class matter at the Post Office in said Montgomery County, Alabama, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Now due on said account is \$205.80

Subscribed and sworn to before me this by Astal Jones who is personally known to me.

Affiant

Notary Public

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://acinecounty.com/doing-business/purchasing-rips-and-bids or from the Purchasing office.

NON-MANDATORY PRE-BID CONFER-ENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane McKinney@racinecounty.com. Mont. Adv 8/12, 8/19, 8/26/2019 3728949

PHASE 3 MARKETING AND COMMUNICATIONS 309 WESTPARK DRIVE, SUITE 360 **BRENTWOOD, TN 37027**

Acct Number:

19030

Ad Number:

0000227510

Insertions:

\$13.20

Affidavit:

\$7.50

Total:

\$20.70

AFFIDAVIT OF PUBLICATION NEW JERSEY, SUSSEX COUNTY, ss

Naomi Korkes, of full age being duly sworn, did depose and say that the notice hereto attached was published in THE NEW JERSEY HERALD and/or **NEW JERSEY SUNDAY HERALD** a newspaper printed and circulated in said county on 08/08/2019.

Total:

Sworn and subscribed before me this 8th day of August,

considered, the Bidder must complete and sub-mit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-Racine, Wisconsin 53403-1238 in accordance with the solicitation docu-mentation available at h ttps://racinecounty.com/ doing-business/purchas-ing-rfps-and-bids or from the Purchasing of-tice

Racine County, Wiscon-

sin is requesting sealed bids from qualified con-tractors to provide Roof-

ing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be

NON-MANDATORY P-RE-BID CONFER-ENCE: Thursday, Au-gust 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wiscon-sin Avenue, Racine, WI.

BID DUE DATE:
September 9, 2019 BE-FORE 2:00 PM CT.
CONTACT: Duane
McKinney, Purchasing
Coordinator, 262-6363700 or Duane.McKinne
yearneinecounty.com. y@racinecounty.com.

August 8,'19pf\$13.20 0000227510 NJH

RAJEAN SORGINE NOTARY PUBLIC OF NEW JERSEY Comm. # 2457972

Ommission Expires 6/22/2023

Richmond Times-Dispatch

Advertising Affidavit

Account Number

6067881

300 E. Franklin Street Richmond, Virginia 23219 (804) 649-6208

Date

August 08, 2019

PHASE: 3 MARKETING AND COMMUNICATIONS 109 WESTPARK DRIVE SUITE 360 BRENTWOOD, TN 37027

Date	Category	Description	Ad Size	Total Cost
08/17/2019	Propos-Sld Bids-RFP	Racine County, Wisconsin is requesting sealed bids from qualif	2 x 15 L	116.2
		Publisher of the	•	
		Richmond Times-Dis	patch	
		This is to certify that the attached Racine County		
		published by the Richmond Times-Dispatch, In Richmond, State of Virginia, on the following d	=	
		08/08/2019		
		The First insertion being given 08/08/2019		
		Newspaper reference: 0000983287		
		Sworn to and subscribed before me this Thursday,	August 8, 2019	
		Notary Public &	Billing Repres	MADOM entative
		Kimberly B. Ha MOTARY PUBL Commonwealth of V State of Virginia Notary Registration Num City of Richmond My Commission expires	.IC /irginla iber 356753	1

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 5403-1238 in accordance with the solicitation documentation available at https://tacinecounty.com/doing-business/purchasing-rips-and-bids or from the Purchasing office.

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BID DUE DATE:
September 9, 2019 BEFORE 2:00 PM CT.
CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

Ç

Section 1.
 Section 2.
 Section 3.
 Section 3.

CALIFORNIA NEWSPAPER SERVICE BUREAU DAILY JOURNAL CORPORATION

Mailing Address: 915 E FIRST ST, LOS ANGELES, CA 90012 Telephone (800) 788-7840 / Fax (800) 464-2839 Visit us @ www.LegalAdstore.com

BRITTANY RAINONE PHASE 3 MARKETING & COMMUNICATIONS/NIPA P.O. BOX 681163 MARRIETTA, GA 37027

COPY OF NOTICE

Notice Type:

BID NOTICE INVITING BIDS

Ad Description IFB No. PW1908

To the right is a copy of the notice you sent to us for publication in the SAN BERNARDINO COUNTY SUN. Please read this notice carefully and call us with any corrections. The Proof of Publication will be filed with the County Clerk, if required, and mailed to you after the last date below. Publication date(s) for this notice is (are):

08/12/2019

SBS# 3282396

SBS# 3282396

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https://racinecounty.com/doing-business/purchasing-rfps-and-bids or from the Purchasing office.

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SBS-3282396#

The charge(s) for this order is as follows. An invoice will be sent after the last date of publication. If you prepaid this order in full, you will not receive an invoice.



STATE OF WASHINGTON -- KING COUNTY

376632

No.

PHASE 3 MARKETING & COMM.

Affidavit of Publication

The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12th day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

BCSB:ROOFING SUPPLIES

was published on

08/08/19

The amount of the fee charged for the foregoing publication is the sum of \$88.80

08/08/2019

Subscribed and sworn to before me on

State of Washington residing in Seattle

Affidavit of Publication

State of Washington, King County

Racine County, Wisconsin **Roofing Supplies** and Services Bid Date: Sept. 9

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at https:// racinecounty.com/doing-business/ purchasing-rfps-and-bids or from the Purchasing office.

NON-MANDATORY BID CONFERENCE: Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI.

BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636- $3700\ or\ Duane. McKinney@racine$ county.com.

Date of publication in the Seattle Daily Journal of Commerce, August 8, 2019. 8/8(376632)

CAPITAL CITY PRESS

Publisher of THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE TIMES-PICAYUNE/
THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana, or published daily in THE ACADIANA ADVOCATE in

08/10/2019

Kristi Bunch, Public Notices Representative

Sworn and subscribed before me by the person whose signature appears above

8/10/2019

M. Monic McChristian, Notary Public ID# 88293

State of Louisiana

My Commission Expires: Indefinite



PHASE 3 MARKETING & COMM

371686-01

RICH MELIN 109 WESTPARK DR STE 360 BRENTWOOD, TN 37027

PUBLIC NOTICE

Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin Avenue, Racine, Wisconsin 53403-1238 in accordance with the solicitation documentation available at

https://racinecounty. com/doingbusiness/purchasingrfps-and-bids

or from the Purchasing office.

NON-MANDATORY
PRE-BID CONFERENCE:
Thursday, August 15, 2019,
9:00 am CT, 1st floor conference room at Racine
County Courthouse, 730
Wisconsin Avenue, Racine,
WI

BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT. CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or

Duane.McKinney@ racinecounty.com

371686-aug 10-1t



August 20, 2019

To Whom It May Concern:

I am a duly authorized representative of MCA Russell Johns Associates LLC, company handling the advertising matters for USA Today, a daily newspaper distributed within the United States.

The Racine County, Wisconsin (IFB No. PW1908) was published within said newspaper in the Public Notice Section of the on the following dates:

08/12/2019

Don Whitman

On this the 20th day of August, I attest that the attached documents are true, exact, complete, and unaltered tearsheets.

Camika Winter State of Florida

County of Pinellas

CAMIKA C. WINTER
Notary Public, State of Florida
wly Comm. Expires Apr. 16, 2022
No. GG 208003

MOVIES

'Scary' frightens 'Hobbs & Shaw' for 2nd

Lindsey Bahr

Mkpl Today cls Aug12 rev

Section-Page-Zone(s):

Description:

USA Today

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USA0049922-04

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Agency:

The Associated Press

LOS ANGELES - Audiences helped the "Fast & Furious" spinoff "Hobbs & Shaw" take another lap at No. 1, even

with an onslaught of four new major releases this weekend.

From family films to R-rated adult fare, moviegoers had their pick as studios tried to capitalize on the waning days of summer. But although August can be a great opportunity for nonsuperhero films, it's not a sure thing. And some, such as "Scary Stories to Tell in the Dark," fared better than others, such as the Melissa McCarthy and Tiffany Haddish Mob thriller "The Kitchen."

"There are always going to be casualties when there are this many," says Paul Dergarabedian, senior media analyst for box-office tracker Comscore. "They cannot always be lined up in the top four rankings.'

According to studio estimates Sunday, Dwayne Johnson and Jason Statham's "Hobbs & Shaw" fell 58% from its first weekend but added \$25.4 million from North American theaters. It has now grossed \$108.5 million domestically and \$332.6 million worldwide.

Second place went to the Guillermo del Toro-produced PG-13 horror film "Scary Stories," with a better-than-expected \$20.8 million.

Close behind in third was "The Lion King" with \$20 million in its fifth weekend in theaters. With \$1.3 billion globally, it has now surpassed "Beauty and the Beast" as Disney's highest-grossing live-action release.

Newcomer "Dora and the Lost City of



Deckard Shaw (Jason Statham, left) and Luke Hobbs (Dwayne Johnson) face a genetically enhanced villain in "Hobbs & Shaw."

DANIEL SMITH/UNIVERSAL PICTURES

Gold" found a healthy audience, too, earning an estimated \$17 million for a fourth-place start. In fifth place, Quentin Tarantino's star vehicle "Once Upon A Time in Hollywood" added \$11.6 mil-

lion and crossed the \$100 million mark (with \$100.3 million).

But not all the newcomers were so lucky. The dog-owner tearjerker "The Art of Racing in the Rain," with Milo Ventimiglia, opened in sixth place with \$8.1 million. And the '70s-set "The Kitchen" flopped with only \$5.5 million.

Audiences also had a slew of new limited releases from which to choose: The BTS concert film "Bring the Soul: The Movie" (\$2.3 million); "Brian Banks," based on the real story of a false accusation that upends a promising football star's life (\$2.1 million); "The Peanut Butter Falcon," with Shia LaBeouf and Dakota Johnson (\$205,236); and "After the Wedding," with Michelle Williams and Julianne Moore (\$57,124).

Final numbers are expected Monday. Contributing: Kim Willis

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MARKETPLACE TODAY

NOTICES PUBLIC NOTICE Racine County, Wisconsin is requesting sealed bids from qualified contractors to provide Roofing Supplies and Services, Waterproofing, and Related Products and Services (IFB No. PW1908). In order to be considered, the Bidder must complete and

submit a sealed bid to Racine County Courthouse, 730 Wisconsin Avenue, Racine, Wisconsin 53403-1238 in cordance with the solicitation documentation available https://racinecounty.com/doing-business/purchasing-rfps-and-bids or from the Purchasing office. NON-MANDATORY PRE-BID CONFERENCE:

Thursday, August 15, 2019, 9:00 am CT, 1st floor conference room at Racine County Courthouse, 730 Wisconsin Avenue, Racine, WI. BID DUE DATE: September 9, 2019 BEFORE 2:00 PM CT

CONTACT: Duane McKinney, Purchasing Coordinator, 262-636-3700 or Duane.McKinney@racinecounty.com.

20

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EDITED Fred Piscop

BY Zhouqin Burnikel **BUSINESS**

CENTER

- **ACROSS** 1 Like a wrung-out
- towel 5 Brazilian "superfood" berry
- Enjoy a claro 14 Sandusky's lake
- 15 Thin out, as a herd 16 Removed the rind from
- 17 Cerebellum bit Cara of "Fame"
- 20 One taking first
- 21 Platform for Siri 22 Texas Ranger's
- topper **24** Okefenokee and others
- 26 Mahershala of "Moonlight"
- 27 On edge
- 31 Bay Area wine
- **35** Richly colored garden flower Öxford or brogan
- Cereal brand since 1937
- 40 Australia's national gem **41** Gold Medal
- product 42 Like a Mantle rookie card
- "Beloved" author Morrison
- 44 Discounted by 45 Afghanistan's largest city
- 46 Bridge measure "Baď Boy" singer Gloria
- 49 Michael on "Weekend Update"
- 51 Venues for
- pucksters "Sure, why not?" **59** Quick point in tennis
- wrap, once
- 2 ONE WAY sign, 3 Mazda roadster 4 Architect who died at 102
 - 5 Grab by the collar, say 6 Snooker players'

65 Network for hoops

66 Jessica of "Sin City"

68 Griffin of "Suddenly

70 Place to store a tiller

67 Hoedown seat,

perhaps

Susan"

DOWN

69 Not fictitious

1 Entries in red

fans

- 7 Hog's share,
- perhaps 8 Pandora's boxful
- 9 Pitchman's pitch 10 "Frasier" father
- 11 Many "-ite" minerals **12** Number-picking game

 13 Scene of temptation
- dog 41 Admiral's charge 45 Second lady Pence 48 Mud pack, e.g.

35 Lobster

36 Each,

62

66

18 A bit chilly

slangily

25 Fabric used in

23 Hash ingredient,

48-Down care

Visitor to Scrooge

30 Provide quarters for

whalebone leg

34 Jump with a spin

28 Dots in the ocean

32 Captain with a

33 Cuzco's land

informally

37 "Peter Pan"

52 News anchor O'Donnell of 64-Down 53 One-named singer in the

Guinness Book

50 Hard to lift

42

Friday's Answer

54 Mended, as socks

"Beat it!"

group

network

63 Pub order

Extract, as a tooth

"Luther" star Idris

58 Surgery aftermath

59 Palindromic pop

64 "Criminal Minds"

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4

CROSSWORDS ON YOUR PHONE

To report problems, email feedback@usatoday.com. For more puzzles, get the USA TODAY Crossword app. (A) O J H P T H H T T X X CPXIYPGERLAE

WORD ROUNDUP

By David L. Hoyt and Jeff Knurek Find and Circle

Six four-letter words ending with X Boxing .

Direction of the sunset

GAAXGXRAOICF □□□ NFTLLEWOMVUN g I G L C P Y N E G M E M RRDAHHNDSEAJ BETAXKAXNTNL

Friday's answer: SALMON SHARK SMELT SOLE / EUROPE AFRICA ASIA / WRIST ANKLE KNEE / FRACTION GENEROUS / LIQUID **QUICKCROSS** By John Wilmes 1. PLAY Volcanic output Foreboding sign Give off steam Finishes Adore

"So be it" WALK I R A N **Certain carpenters** LINE QUICKCROSS ON YOUR PHONE D A D E

UP & DOWN WORDS By David L. Hoyt and Russell L. Hoyt QUIET Friday's Answe GENETIC 1. Umpire's shout CODE 2. "Take Me Out to the BLUE 3. "Bring it!" BLOOD 4. Available BLOOD COUNT 5. Request; summor COUNT ON MARS MARS ATTACKS PLAY ONLINE PUZZLES.USATODAY.COM © Andrews McMee

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Complete the grid so that every row, column and 3x3

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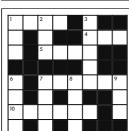
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box contains the numbers 1 through 6 (no repeats). 4 3

Complete the grid so that every row, column and 3x2

3 6 4 3 2 5 6 3 1 1 3 2 5 DIFFICULTY RATING ★☆☆☆☆

Friday's Answers 6 3 4 5 2 1 2 1 5 4 3 6 1 4 3 6 5 2 5 2 6 3 1 4 4 5 2 1 6 3 3 6 1 2 4 5



TXTPERT Across Down 1. 3282 4. 477 1.383 2.822 5.2983 3.34353 6. 2564 7. 3453 7. 365337 10.665463 8.5465

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60 Many a Neruda 61 Name in kitchen **62** Workers on a flight **13** Scene of temptation Guinness B. **Answers**: Call 1-900-988-8300, 99 cents a minute; or, with a credit card, 1-800-320-4280.

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First Name	Last Name	Company/Account	Email
Donnie	McDaniel	Acumen Enterprises, Inc.	donnie@acumen-enterprises.com
Brian	D'Amico	All Pro Roofing & Consulting LLC	brian@allproroofingllc.com
Eric	Helgemoe	BluSky Restoration Contractors, LLC	ehelgemoe@goblusky.com
Craig	Miller	CentiMark Roofing	craig.miller@centimark.com
Tiffany	Wood	Damschroder Roofing Inc.	twood@damschroderroofing.com
Shawnee	Hallmark	DENCO Construction Services	shallmark@dencocs.com
Theodore	Willison	Gallant Services, LLC	ted@gallantservicesllc.com
Darrell	Wallin	Harness Roofing Inc.	dwallin@harnessroofing.com
Chris	Corso	Joeris General Contractors, Ltd.	ccorso@joeris.com
Dwight	Stone	Johns Manville	dwight.stone@jm.com
Jake	Efinger	Jolly Roofing & Contracting Co,. Inc.	Jefinger@jollyroofing.com
Randall	Hubbard	MDI General Contractors	estimating@mdigc.com
Larry	Molitor	Molitor Enterprises	larry@molitor-enterprises.com
Stephen	Jeffreys	Nationwide Protective Coating Mfrs., Inc	sjeffreys@hot.rr.com
Denny	Satterfield	Nova Tuff Coatings	denny@novatuff.com
Eric	Rodriguez	Roofing Standards	eric@roofingstandards.com
Erik	Steavens	SL King and Associates	esteavens@slking.com
JON	SARCITA	SOURCE RITE INC	jon@sourceritegsa.com
Chip	Miller II	Southland Coatings Technologies	corpoffice@southlandfg.com
Chrystal	Ellerbe	Sun Valley Solar Solutions	commercial@svs solutions.com
Al	Orlacchio	The Garland Company, Inc.	aorlacchio@garlandind.com
Frank	Percaciante	The Garland Company, Inc.	fpercaciante@garlandind.com
Matt	McDermott	The Garland Company, Inc.	mmcdermott@garlandind.com
John	Tucker	Tucker Roofing Systems, LLC.	tucker@tuckerroofingsystems.com
Stephanie	Marcelle	V&R Roofing	office@vrroofing.net
Edwin	Green	Vertex Roofing, LLC	sales@thevertexroof.com
Richard	Wells	WEN Services	richard@wenservices.com
Teddy	Williams	Western Specialty Contractors	teddyw@westerngroup.com

Racine County Finance Department – Purchasing Division

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



September 9, 2019

For the Record:

Let the record show that Racine County requested bids to: provide Roofing Supplies and Services, Waterproofing and Related Product and Services.

A legal notice was placed in the Journal Times. Bids were accepted up until 2:00 pm on Monday, September 9, 2019 to be opened immediately thereafter in the office of the Purchasing Coordinator.

Let the record show that the following were present at the bid opening: Frank Percaciante, Contract Manager, DBS/Garland.

Matthew McDermott, Marketing Director, The Garland Company Duane McKinney, Purchasing Coordinator

Let the record reflect that at 2:00 pm two (2) bids had been received. Bids were opened at 2:00 pm.

Bids were opened, read and recorded as follows:

CentiMark Corporation.

319 Industrial Drive, Franklin OH 45005
Signed by: Jeff Shepherd, Northern Group Director/Executive VP jeff.shepherd@centimark.com

Garland/DBS, Inc.

3800 East 91st Street, Cleveland OH 44105 Signed by: Charles A. Ripepi, CFO cripepi@garlandind.com

Following are the Bid Forms submitted by the above vendors. Copies of the bids submitted will be forwarded for review.

Sincerely,

Duane McKinney Purchasing Coordinator

BID Opening Sign in Sheet

Roofing Supplies and Services, Waterproofing and Related Product and Services September 9, 2019

/endor	R	epresentative Name and Title	Email Address	Signature
GARLAND/D	65, 4vc	FRANK A. PERCACEAMATE CONTRACT MANAGER	FPERCACIANITE @ GARLANDING. COM	24 al f
1,1	(Matt Mevermott Marketing Director	Mmcdes mott@garlandind.co	m MARTHAN
D	esign-Build Solution	ns, Inc.®	THE GARLAND CON	
A Su	Bubsidiary of Garland	Frank Percaciante	Matthew J. N	McDermott —
Photomorphic Photo	216-883-2055 ne: 216-430-3693 iile: 440-829-8562 caniante@garland v.design-buildsolut	3800 East 91st Street Cleveland, OH 44105 ind.com ions.com	3800 East 91st Street Cleveland, OH 44105 mmcderm	m 954-661-0629 p 216-430-3543 f 216-641-0633 ott@garlandind.com

McKinney, Duane

From:

printandmail@goracine.org <donotreply@iofficecorp.com>

Sent:

Monday, September 9, 2019 10:02 AM

To:

McKinney, Duane

Subject:

[Mail Center] New Mail Alert -- [Racine County]

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Notes

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