

CITY OF HAMMOND
RFP 23-23
Roof Replacement at Mayor's office

August 29, 2022

10:00 a. m.

Received (6) Six Proposals:

COMPANY	TOTAL:
Roofing solutions	\$28,950.00
Roofs restored	\$28,956.00
Hester's	\$30,260.00
Supreme Roofing	\$33,685.00
Bellande	\$37,000.00
Vincent's roofing	\$47,000.00

Bids were due in by 10:00 a. m. Monday, August 29, 2022

Present at opening: Jana Soileau (Purchasing Manager), Krystle Noto (Assistant Purchasing Agent), Todd Landry (Supreme roofing), Owen Peyton (Roofing Solutions), and Tony Dunn (Roof Restored).



**City Of Hammond
Purchasing Department**

**RFP # 23-23
For**

Mayor's Office Roof Replacement

**Sealed Proposals Shall Be Received by the Purchasing Department,
City of Hammond
310 East Charles Street
P. O. Box 2788
Hammond, Louisiana 70404-2788**

Until

10:00 a. m. on August 29, 2022

At Which Time All Proposals Will Be Opened and Read Aloud

**Advertisement in the Official Journal, Daily Star, to be published (1) Time
August 16, 2022**

Jana Thurman Soileau - Purchasing Manager- (985)-277-5633

**Pre-Proposal Conference has been scheduled for August 19, 2022 at 8:00am at the location of
City Hall 310 E Charles St., Hammond, La. 70401**

This is the Proposal of:

Date: _____

Company: _____

Section 3 Business/WBE/SBE/MBE/DBE: _____

Address: _____

City: _____ **State:** _____ **ZIP Code:** _____

Person to Contact: _____

Phone: _____ **Fax:** _____

Email: _____

Your Proposal is important to us.

However, should you choose NOT to submit a Proposal for this project, the City would still ask you to complete this sheet and indicate "No Proposal". This shall NOT affect your participation in future RFPs, but only serve as a means of verifying you received notification of this RFP.

Section 3 Business/WBE/SBE/MBE/DBE

The City encourages Proposals from Section 3 businesses, Woman Business Enterprises, Minority Business Enterprises, Small Business Enterprises, and other potentially Disadvantaged Business Enterprises. If your company is one of these types of businesses, please indicate "Section 3," "WBE," "SBE," "MBE," or "DBE" in the space provided above.

Nondiscrimination Requirements

By submitting and signing this Proposal, the Proposer agrees to comply with Title VI and VII of the Civil Rights Act of 1964 as amended; the Vietnam Era Veterans Readjustment Assistance Act of 1974; Section 503 of the Rehabilitation Act of 1973; Section 202 of Executive Order 11246 as amended; and the Americans with Disabilities Act of 1990.

The Proposer also agrees to keep informed of and comply with all federal, State, and local laws, ordinances, and regulations which affect the Proposer's employees or prospective employees.

Name of Project

Project No.

STATE OF _____

PARISH OF _____

ATTESTATIONS AFFIDAVIT

Before me, the undersigned notary public, duly commissioned and qualified in and for the parish and state aforesaid, personally came and appeared Affiant, who after being duly sworn, attested as follows:

LA. R.S. 38:2227 PAST CRIMINAL CONVICTIONS OF BIDDERS

- A. No sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes:

(a) Public bribery (R.S. 14:118)

(c) Extortion (R.S. 14:66)

(b) Corrupt influencing (R.S. 14:120)

(d) Money laundering (R.S. 14:23)

- B. Within the past five years from the project bid date, no sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes, during the solicitation or execution of a contract or bid awarded pursuant to the provisions of Chapter 10 of Title 38 of the Louisiana Revised Statutes:

(a) Theft (R.S. 14:67)

(f) Bank fraud (R.S. 14:71.1)

(b) Identity Theft (R.S. 14:67.16)

(g) Forgery (R.S. 14:72)

(c) Theft of a business record
(R.S. 14:67.20)

(h) Contractors; misapplication of
payments (R.S. 14:202)

(d) False accounting (R.S. 14:70)

(i) Malfeasance in office (R.S. 14:134)

(e) Issuing worthless checks
(R.S. 14:71)

LA. R.S. 38:2212.10 Verification of Employees

- A. At the time of bidding, Appearer is registered and participates in a status verification system to verify that all new hires in the state of Louisiana are legal citizens of the United States or are legal aliens.
- B. If awarded the contract, Appearer shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.
- C. If awarded the contract, Appearer shall require all subcontractors to submit to it a sworn affidavit verifying compliance with Paragraphs (A) and (B) of this Subsection.

Name of Project

Project No.

LA. R.S. 23:1726(B) Certification Regarding Unpaid Workers Compensation Insurance

- A. R.S. 23:1726 prohibits any entity against whom an assessment under Part X of Chapter 11 of Title 23 of the Louisiana Revised Statutes of 1950 (Alternative Collection Procedures & Assessments) is in effect, and whose right to appeal that assessment is exhausted, from submitting a bid or proposal for or obtaining any contract pursuant to Chapter 10 of Title 38 of the Louisiana Revised Statutes of 1950 and Chapters 16 and 17 of Title 39 of the Louisiana Revised Statutes of 1950.
- B. By signing this bid /proposal, Affiant certifies that no such assessment is in effect against the bidding / proposing entity.

NAME OF BIDDER

NAME OF AUTHORIZED SIGNATORY OF BIDDER

DATE

TITLE OF AUTHORIZED SIGNATORY OF BIDDER

**SIGNATURE OF AUTHORIZED
SIGNATORY OF BIDDER/AFFIANT**

Sworn to and subscribed before me by Affiant on the ____ day of _____, 20__.

Notary Public

STATE OF LOUISIANA

PARISH OF _____

PROJECT NO. _____

NAME _____

LOCATION _____

AFFIDAVIT

Before me, the undersigned authority, duly commissioned and qualified within and for the State and Parish aforesaid, personally came and appeared _____ representing _____ who, being by me first duly sworn deposed and said that he has read this affidavit and does hereby agree under oath to comply with all provisions herein as follows:

PART I.

Section 2224 of Part II of Chapter 10 of Title 38 of the Louisiana Revised Statutes, as amended.

- (1) That affiant employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for affiant; and
- (2) That no part of the Contract price received by affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the Contract, other than the payment of their normal compensation to persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for affiant.

PART II.

Section 2190 of Part I of Chapter 10 of Title 38 of the Louisiana Revised Statutes, as amended.

That affiant, if an architect or engineer, or representative thereof, does not own a substantial financial interest, either directly or indirectly, in any corporation, firm, partnership, or other organization which supplies materials for the construction of a public work when the architect or engineer has performed architectural or engineering services, either directly or indirectly, in connection with the public work for which the materials are being supplied.

For the purposes of this Section, a "substantial financial interest" shall exclude any interest in stock being traded on the American Stock Exchange or the New York Stock Exchange.

That affiant, if subject to the provisions of this section, does hereby agree to be subject to the penalties involved for the violation of this section.

AFFIANT

SWORN TO AND SUBSCRIBED BEFORE ME THIS _____ DAY OF _____, 20____.

NOTARY

SECTION 010000

GENERAL REQUIREMENTS

Scope of Work

THIS PROJECT SCOPE CONSISTS OF REPLACING THE EXISTING SHINGLE ROOF, INCLUDING WALKWAY AND DAMAGED FACIA AT THE CITY OF HAMMOND MAYOR'S OFFICE LOCATED AT 310 EAST CHARLES ST. HAMMOND LA. 70401. SIZE IS ESTIMATED 6,800 SQUARE FEET, ACUTAL MEASUREMENTS RESPONSIBILTY OF PROPOSER. ESTIMATED BUDGET \$39,000.00

PRE-PROPOSAL CONFERENCE

A Proposer's conference has been scheduled for **August 19, 2022 at 8:00 am** at the location of City Hall:

310 E Charles St., Hammond, La. 70401

Attendance is not mandatory but interested proposers are highly encouraged to attend. In order to make the meeting more effective for all participants, attendees should read this document thoroughly prior to the meeting.

Substantial clarifications or changes required as a result of the meeting will be issued in the form of a written addendum to the RFP.

Instructions to proposers

PROPOSERS ARE URGED TO PROMPTLY REVIEW THE REQUIREMENTS OF ALL SPECIFICATIONS AND SUBMIT QUESTIONS FOR RESOLUTION AS EARLY AS POSSIBLE DURING THE SUBMITTAL PERIOD. QUESTIONS OR CONCERNS MUST BE SUBMITTED TO THE PURCHASING MANAGER DURING THE PROPOSAL PERIOD AND SHALL BECOME PART OF YOUR PROPOSAL PACKAGE. OTHERWISE, THIS WILL BE CONSTRUED AS ACCEPTANCE BY THE PROPOSERS THAT THE INTENT OF THE SPECIFICATIONS IS CLEAR AND THAT COMPETITIVE PROPOSALS MAY BE OBTAINED AS SPECIFIED HEREIN. PROTESTS WITH REGARD TO THE SPECIFICATION DOCUMENTS SHALL NOT BE CONSIDERED AFTER PROPOSALS ARE OPENED.

RFP Packages are mailed only as a courtesy. The City of Hammond does not assume responsibility for proposers to receive RFP packages. Proposers should rely on advertisements in the local newspaper, City Website, and personally pick up RFP packages with specifications. Full information may be obtained, or questions answered, by contacting the Purchasing Department, Hammond City Hall Complex, 310 East Charles Street.

These specifications are written in a manner to invite open competition. Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of

describing and establishing general quality levels. Such references are not intended to be restrictive unless the RFP states that only the brand name will be considered for reasons of compatibility, etc.

The RFP number, Proposers name, address, Louisiana Contractor License number and RFP opening date shall be clearly printed or typed on the outside of the Proposal envelope, if mailed. Only one (1) proposal shall be accepted from each proposer. Alternates shall not be accepted unless specifically requested in the RFP specifications. Proposals can be delivered or mailed.

The method of delivery of proposals is the responsibility of the proposer. All proposals shall be received by the Purchasing Department, Hammond City Hall Complex, 310 East Charles Street Hammond, Louisiana on or before the specified RFP opening date and time.

Normally, bid bonds will not be required on bids for materials, supplies, annual contracts or small labor contracts. If a bid bond is required, it will be specifically requested on the RFP form and included in the specifications.

Proposals shall be accepted only on the RFP forms furnished by the City of Hammond Purchasing Department. The City of Hammond shall only accept proposals from those proposers in whose name the RFP forms and or specifications were issued. Altered or incomplete proposals forms, or use of substitute forms or documents, shall render the proposal non-responsive and subject to rejection.

The RFP package, including the specifications and copies of any addenda issued shall be submitted to the Purchasing Department as THE RFP.

All proposals must be typed or written in **BLUE/BLACK INK**. Any erasures, strikeover and/or changes to prices shall be initialed by the proposer. Failure to initial shall be cause for rejection of the proposal as non-responsive.

All proposals shall be signed. Failure to do so shall cause the proposal to be rejected as non-responsive.

Where one (1) or more vendor's exact products or typical workmanship is designated as the level of quality desired or equivalent, the Purchasing Agent/Building Director, after study and review, reserves the right to determine the acceptability of any equivalent offered. The decision, after study and review, shall be final and binding.

If proposing "equivalent" products, specifications, illustrative literature and any deviations shall be submitted with proposal. Representative samples shall be submitted upon request, if appropriate.

Liability:

The Contractor at all times during the term of the contract shall maintain and pay for property damage and public liability insurance with limits of at least (\$1,000,000.00) one million dollars inclusive of bodily injury and property damage for any one occurrence.

Prior to commencing work under this contract the Contractor must file with the City a "certificate of insurance" meeting aforementioned requirements with the City of Hammond named insured by added endorsement. All premiums and expense incurred with this insurance shall be paid for by the Contractor.

The Contractor shall assume the defense of and indemnify and save harmless the City and its Officers and Agents from all claims relating to work.

The Contractor shall be responsible for any and all damages or claims for damages or injuries or accidents done or caused by him or his employees, or resulting from the execution of the work, or any operations, or caused by reason of existence or location or condition of facilities or of any materials, supplies, or machinery used thereon or therein, or neglect or omission on his part, or all of the several acts or things required to be done by them, under and by these conditions, and covenants, and agrees to hold the City harmless and indemnified for all such damages and claims for damages.

The Contractor shall indemnify and save harmless the City from and against all losses and all claims, demands, payments, suits, actions, recoveries, all attorney fees, and judgments of every nature and description made, brought or recovered against the City by reason of any act or omission of the Contractor, his agents or employees, in the execution of his work.

Worker's Compensation:

The Contractor shall, at all times, pay or cause to be paid, any assessment or compensation required to be paid pursuant to the Worker's Compensation Act.

The Contractor shall, at the time of entering into a Contract with the City, provide satisfactory proof that all assessments or compensation payable to the Worker's Compensation Board have been paid and the City may, at any time during the performance or upon the completion of such Contract require a further declaration such Contract require a further declaration that such assessments or compensations have been paid.

Performance Bond:

The Contractor shall furnish and pay for a Performance Bond written by a company licensed to do business in Louisiana, and shall be countersigned by a person who is contracted with the surety company or bond issuer as an agent of the company or issuer, and who is licensed as an insurance agent in this state, and who is residing in this state, in an amount equal to the 100% contract amount.

Sealed RFP Form for Public RFP 23-23

As a qualified proposer for the project, I have carefully examined all of the RFP Documents and have examined the conditions and specifications of the work to be done, and I hereby propose to furnish all labor, materials, equipment, tools, etc., as called for by the RFP specifications.

I hereby acknowledge that I have received the following Addenda and they are reflected as part of this proposal,

List by date and Addendum number _____

I certify that I am duly licensed in Louisiana to perform the work. Louisiana License # _____

Work to be complete within _____ days after receipt of order.

Proposal Amount

Proposer agrees to Furnish All Material, Supplies and Services in complete accordance with all RFP 23-23 Specifications for the sum indicated:

(Amounts shall be shown in words and digits. In case of discrepancy, words shall govern.)

Total Price _____ **DOLLARS**

(\$ _____)

Signature of Proposer _____

Company Name _____

The above signature on this Sealed Proposal certifies that proposer has carefully examined the instructions to proposers, terms and specifications applicable to and made a part of this Seal Proposal Package. Proposer further certifies that the prices shown are in full compliance with the conditions, terms and specifications of this Sealed RFP.

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
310 E Charles Street
Hammond, La. 70401

SECTION 011000

SUMMARY OF WORK

PART 1 GENERAL

1.01 RELATED SECTIONS

- A. Division 010000 – General Requirements
- B. Division 061000 – Rough Carpentry
- C. Division 073113 – Asphalt Shingles and Accessories
- D. Division 076200 – Sheet Metal Flashing, Fascia, Copings, Trim, Gutters, and Downspouts

1.02 PROJECT INFORMATION

- A. Project Identification: City of Hammond Mayor's Office Building and Walkway Cover Roof Replacement
 - 1. Project Location: 310 E Charles Street, Hammond, La. 70401
- B. Owner Representative: Jana Thurman , City of Hammond Purchasing Department , Purchasing Manager 985-277-5633

1.03 DESCRIPTION

- A. The Work includes the provision of all labor, material, equipment, management, coordination, supervision and administration to complete the Work as outlined.
- B. The Contractor shall complete the following Work in a safe manner. The following outline of Work is noted by System. The Work includes, but is not limited to the following:
 - 1. Completely remove existing asphalt shingles and accessories down to the existing plywood deck. Install new asphalt shingles including necessary accessories to receive the manufacturers warranties. Shingles shall be installed to meet IBC Code for the project's location. All trash and debris shall be legally and properly disposed of in a landfill.
 - 2. Install new asphalt shingles and all required accessories. (Including but not limited to Underlayment, Ice and Water Shield, Hip and Ridge Shingle, Starter Shingle , Ventilation, and Sheet metal.

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
310 E Charles Street
Hammond, La. 70401

NEW ROOFING SYSTEM DESCRIPTION

- a. Replace any rotten or missing plywood deck and fascia. Fascia is missing in a couple locations.
- b. Install synthetic underlayment and ice and water shield.
- c. Install new asphalt shingle system with manufacturer's Starter, Hip and Ridge, vent stack flashings, and Ridge Ventilation.
- d. Install new sheet metal including fascia, and copings.

1.04 PROJECT COORDINATION RESTRICTIONS:

1. Owner will be occupying the building during reroofing activities. Coordination with the owner will be required to not disturb activities. Safety must be considered and required during construction.
2. Maintain access to the building entrance/exit. Do not close off or prevent exit from the building doors or walkways without owner's approval or authorities having jurisdiction.
3. Owner must be notified a minimum of 72 hours in advance of construction activities.

1.05 PERMITS

1. Contractor is responsible for applying and obtaining permits required to successfully complete this project's specific work. Submittal to owner required.

1.06 BUILDING CODES

1. Compliance with Current International Building Code is required. Submit all compliance for the roofing system called out in specifications.

END OF SECTION

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
310 E Charles Street
Hammond, La. 70401

SECTION 061000

ROUGH CARPENTRY

PART 1 GENERAL

1.01 SUMMARY

1. Section Includes:
 - a. Replace the Fascia Board that's damaged or missing

1.02 RELATED SECTIONS

- A. Division 010000—General Requirements
- B. Division 011000 – Summary of Work
- C. Division 073113 – Asphalt Shingles and Accessories
- D. Division 076200 – Sheet Metal Flashing, Fascia, Copings, Trim, Gutters, and Downspouts

1.03 QUALITY ASSURANCE

- A. Match the existing Fascia board size.
- B. Factory mark each piece of lumber to identify type, grade, agency providing inspection service. Producing mill, and other qualities as specified.
- C. Only competent carpenters shall be employed and used to install materials.
- D. Provide dressed lumber, S4S, unless otherwise indicated.
- E. Maximum moisture content of Lumber, 19 % percent unless otherwise noted.
- F. Remove and do not use any boards that are warped or show signs of defects.

1.04 DELIVERY AND STORAGE

- A. Materials must be kept dry during delivery and storage
 1. Protect against weather and contact with wet or damp surfaces.
 2. Stack lumber and provide air circulation within stacks.

PART 2 PRODUCTS

2.01 MATERIALS

- A. GENERAL WOOD PRODUCTS

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
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1. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. Provide Lumber that complies with applicable rules of any ruling agency certified by ALSC board of review.

B. WOOD PRESERVATIVE TREATED LUMBER

1. Preservative Treatment by pressure process: AWPAC U1; Use Category UC3b for exterior construction not in contact with the ground
 - a. Preservative Chemicals: acceptable to authorities having jurisdiction.

2.02 FASTENERS

1. Use only the type, size, material and finish recommended by applicable Federal specifications for screws, bolts, nuts, washers and anchoring devices. New wood nailers must meet requirements of Factory Mutual 1-49. Fastener type and finish/material must be acceptable for use with treated wood.

2.03 INSTALLATION

- A. Provide new treated wood blocking as show in shop drawings.
- B. Wood Blocking must match the height of the new roofing system's cover board.
- C. Set rough carpentry to required levels and lines with boards plumb, true to line, cut and fitted.
- D. Where wood preservative-treated lumber is installed adjacent or in contact with metal decking, install continuous flexible flashing separator between wood and metal decking.
- E. Securely attach rough carpentry work to substrate by fastening and anchoring as indicated. Comply with NES NER-272 for power driven fasteners.

END OF SECTION

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
310 E Charles Street
Hammond, La. 70401

SECTION 073113

ASPHALT SHINGLE ROOFING SYSTEM

Part 1 General

1.01 section includes:

- A. Granule surfaced shingle roofing.
- B. Underlayment, eave, valley and ridge protection.
- C. Metal flashing.

1.02 Submittals

- A. Submit under provision of Section (11000).
- B. Product Data: Provide data indicating material characteristics, performance criteria, and limitations.
- C. Manufacturer's Installation Instructions: Indicate preparation and installation procedures. Installation of shingles, underlayment, flashing, fasteners, vents, and other roof accessories shall be in accordance with instructions published by Atlas Roofing Corporation.
- D. Manufacturer's Certificate of Compliance: Provide Certificate of Compliance indicating that the asphalt shingles made in normal production meet or exceed the requirements. of:
 - 1. Class A Fire Resistance.
 - 2. ASTM D 3161 Test method for wind resistance of asphalt shingles.
- E. Shop Drawings: Indicate Shingles, metal flashing, jointing methods and locations, fastening methods and locations and installation details, as needed.

1.03 Regulatory requirements

- A. Provide certificate of compliance from shingle manufacturer for ASTM, FM and UL Standards, indicating conformance of specified products.

1.04 Environmental requirement

- A. Do not install Atlas Shingles or WeatherMaster Granular Underlayment when (ambient) (wind chill) temperatures are below (45) degrees Fahrenheit. Fasten the ice and water protection in place with blind nailing at the overlaps at 6" O.C. if it does not adhere immediately to the deck.

PART 2 PRODUCTS

2.01 ASPHALT SHINGLE

- A. Acceptable products
 - 1. Pinnacle® Pristine featuring Scotchgard™ Protector
 - 2. Equal products by Certaineed
 - 3. Prior Approved Products meeting specification requirements

2.02 Asphalt Shingle/CHARACTERISTICS

- A. Fiberglass
 - 1. Pinnacle® Pristine featuring Scotchgard™ Protector: (14" x 40" with 6" Exposure)

Roof Replacement City of Hammond City Hall and Mayor's Office Building
310 E Charles Street
Hammond, La. 70401

- **ASTM**
D 7158, Class H Wind Resistance, Passed at 150 mph
D 6381, Uplift Resistance
D 3018, Type 1
D 3161, Class F, Tested at 110 mph
D 3462, As Manufactured
E 108, Class A Fire Resistance
- **UL**
2390, Class H Wind Resistance
790, Class A Fire Resistance
997, Wind Resistance
- **CAN/CSA-A123.5-M90**
Florida Building Code Approved - FL 9792
Miami-Dade County-Dade Product Control Approved
Algae Resistant - Standard

2.03 Sheet Materials

- **A.** Summit 60 Synthetic Underlayment – Woven polymeric scrim with UV + water resistive coating. 60 day exposure, synthetic shingle underlayment. ASTM D 6757

2.04 Accessories

- **A.** Nails: Standard round wire type roofing nails, corrosion resistant (hot dipped zinc coated steel) (aluminum) (copper) (chromated steel) (____); nominal 3/8" head diameter; minimum; 11 or 12 gauge shank diameter; shank to be of sufficient length to penetrate 3/4" into solid wood, plywood, or non-veneer wood decking, or 1/8" through the thickness of the decking.
- **B.** Asphalt Roof Cement: ASTM D4586. Asbestos free.

2.05 Flashing Materials

- **A.** Sheet Flashing: (ASTM A361) (ASTM B209) (ASTM B370) to meet shingle manufacturer's requirements. Shall meet or exceed local building code requirements.
- **B.** Bituminous Paint: Acid and alkali resistant type; black color.
- **C.** Tinnings Paint: (Red) (Green) (Brown).
- **D.** Nails: Standard round wire type roofing nails, corrosion resistant (hot dipped zinc coated steel) (aluminum) (copper) (chromated steel) (____); nominal 3/8" head diameter; minimum 11 or 12 gauge shank diameter; shank to be of sufficient length to penetrate 3/4" into solid wood, plywood, or non-veneer wood decking, or 1/8" through the thickness of the decking.

2.06 Flashing Fabrication

- **A.** Form flashing (indicated on Drawing s) to protect roofing materials from physical damage and to shed water.
- **B.** Form sections square and accurate to profile, in maximum possible lengths, free from distortion or defects detrimental to appearance or performance.

Part 3 Execution

3.01 Examination

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
310 E Charles Street
Hammond, La. 70401

- A. Verify existing site conditions under provisions of Section 11000.
- B. Verify that roof penetrations and plumbing stacks are in place and flashed to deck surface.
- C. Verify roof openings are correctly framed prior to installing work of this section.
- D. Verify deck surfaces are dry, free of ridges, warps, or voids.

3.02 Roof Deck Preparation

- A. Follow shingle manufacturer's recommendations for acceptable roof deck materials.
- B. Broom clean deck surfaces prior to the roof installation.

3.03 Installation - Eave Ice Dam Protection

- A. Place (eave edge) (and) (gable edge) metal flashing tight with fascia boards. Weather lap joints 3 inches and seal with roofing cement. Secure flange with nails spaced () inches o.c.
- B. Apply Atlas Roofing Corp. WeatherMaster Granular Underlayment Waterproofing Membrane, a self-adhering, SBS rubberized asphalt membrane as eave protection in accordance with manufacturer's instructions.
- C. Extend eave protection membrane minimum (24) (48) () inches up the slope beyond interior face of exterior wall.

3.04 Installation - Protective Underlayment

- A. When roof slope is between 2" and 4" per foot, install one layer of WeatherMaster Granular Underlayment, or two layers of ASTM D226 TYPE () underlayment over areas not protected by WeatherMaster Granular Underlayment at eave, with ends and edges weather lapped a minimum (6) () inches. Stagger end laps between each consecutive layer. Nail in place.
- B. When roof slope is 4" per foot or greater, install one layer ASTM D226 TYPE () one layer of WeatherMaster Granular Underlayment or underlayment perpendicular to slope of roof and lap minimum (4) () inches over eave protection.
- C. Weather lap and seal watertight with plastic cement ASTM 4586 around items projecting through or mounted on the roof.

3.05 Installation - valley protection

- A. For "Closed-Cut," "Woven," or "Open" valleys, first place one-ply of WeatherMaster Granular Underlayment minimum (36) inches wide, centered over valleys. Lap joints minimum (6) inches. Follow shingle and waterproofing membrane manufacturer's instructions.

3.06 Installation - Metal Flashing

- A. Weather lap joints minimum (3) inches (and seal weather tight with plastic cement).
- B. Secure in place with nails at 3 inches o.c. Conceal fasteners.
- C. Seal work projecting through or mounted on roofing with asphalt roof cement (not required for step flashing).

3.07 Installation - Asphalt Shingles

- A. Install shingles in accordance with manufacturer's instructions for the type of product and application specified.

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Hammond, La. 70401

3.08 Field Quality Control

- **A.** Field inspection will be performed under provisions of Section 073113.

3.09 Protection of Finished Work

- **A.** Protect finished work under provisions of all Sections.
- **B.** Do not permit traffic over finished roof surface.

END OF SECTION - 2012

Roof Replacement City of Hammond Mayor's Office Building and Walkway Cover
310 E Charles Street
Hammond, La. 70401

SECTION 07 62 00

SHEET METAL FLASHING AND TRIM

PART 1 GENERAL

1.01 SUMMARY

- A. Work shall include, but is not limited to, the following:
 - 1. Preparation of existing substrates.
 - 2. Sheet metal flashings and sheet metal Fascia, coping, roof edge system, gutters and downspouts.
 - 3. All related materials and labor required to complete specified roofing necessary to receive specified manufacturer's warranty.

1.02 RELATED SECTIONS

- A. Division 010000 – General Requirements
- B. Division 011000 – Summary of Work
- C. Division 061000 – Rough Carpentry
- D. Division 073113 – Asphalt Shingle Roofing System

1.03 DEFINITIONS

- A. ASTM D 1079-Definitions of Term Relating to Roofing, Waterproofing and Waterproofing.
- B. The National Roofing Contractors Association (NRCA) Roofing and Waterproofing Manual, Fifth Edition Glossary.

1.04 REFERENCES

- A. AMERICAN SOCIETY OF CIVIL ENGINEERS - Reference Document ASCE 7, Minimum Design Loads for Buildings and Other Structures.
- B. AMERICAN STANDARD OF TESTING METHODS (ASTM):
 - 1. ASTM C 920 - Standard Specification for Elastomeric Joint Sealants
 - 2. ASTM D 41 - Standard Specification for Asphalt Primer Used in Roofing, Damp proofing, and Waterproofing.
 - 3. ASTM D 4586 - Standard Specification for Asphalt Roof Cement, Asbestos-Free.
- C. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)::

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310 E Charles Street
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1. ANSI/SPRI/FM 4435/ES-1 Wind Design Standard for Edge System Used with Low Slope Roofing System.
2. ANSI/SPRI FX-1, Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners.
- D. INTERNATIONAL CODES COUNCIL (ICC):
 1. 2012 International Building Code (IBC).
- E. NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) Roofing and Waterproofing Manual.
- F. SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION INC. (SMACNA) Architectural Sheet Metal Manual.

1.05 ACTION SUBMITTALS

- A. Product Data Sheets: Submit manufacturer's product data sheets, installation instructions and/or general requirements for each component.
- B. Safety Data Sheets: Submit manufacturer's Safety Data Sheets (SDS) for each component.
- C. Sample/Specimen Warranty from the manufacturer and contractor.
- D. Shop Drawings: Provide roof plan and applicable roof system detail drawings.

1.06 INFORMATIONAL SUBMITTALS

- A. Contractor Certification: Submit written certification from roofing system manufacturer certifying that the applicator is authorized by the manufacturer to install the specified materials and system.

1.07 CLOSEOUT SUBMITTALS

- A. Warranty: Provide manufacturer's and contractor's warranties upon substantial completion of the roofing system.

1.08 QUALITY ASSURANCE

- A. MANUFACTURER QUALIFICATIONS:
 1. Manufacture shall have 20 years of experience manufacturing roofing materials.
 2. Trained Technical Field Representatives, employed by the manufacturer, independent of sales.
 3. Provide reports in a timely manner of all site visit reports.
 4. Provide specified warranty upon satisfactory project completion.
- B. CONTRACTOR QUALIFICATIONS:

1. Contractor shall be authorized by the manufacturer to install specified materials prior to the bidding period through satisfactory project completion.
2. Applicators shall have completed projects of similar scope using same materials as specified herein.
3. Contractor shall provide full time, on-site superintendent or foreman experienced with the specified roof system through satisfactory project completion.
4. Applicators shall be skilled in the application methods for all materials.
5. Contractor shall maintain a daily record, on-site, documenting material installation and related project conditions.
6. Contractor shall maintain a copy of all submittal documents, on-site, available at all times for reference.

1.09 DELIVERY, STORAGE AND HANDLING

- A. Refer to each product data sheet or other published literature for specific requirements.
- B. Deliver materials and store them in their unopened, original packaging, bearing the manufacturer's name, related standards, and any other specification or reference accepted as standard.
- C. Protect and store materials in a dry, well-vented, and weatherproof location. Only materials to be used the same day shall be removed from this location.
- D. When materials are to be stored outdoors, store away from standing water, stacked on raised pallets or dunnage, at least 4 in or more above ground level. Carefully cover storage with "breathable" tarpaulins to protect materials from precipitation and to prevent exposure to condensation.
- E. Properly dispose of all product wrappers, pallets, cardboard tubes, scrap, waste, and debris. All damaged materials shall be removed from job site and replaced with new, suitable materials.

1.10 SITE CONDITIONS

- A. SAFETY:
 1. The contractor shall be responsible for complying with all project-related safety and environmental requirements.
 2. The contractor shall refer to product Material Safety Data Sheets (MDS) for health, safety, and environment related hazards, and take all necessary measures and precautions to comply with exposure requirements.
- B. ENVIRONMENTAL CONDITIONS:
 1. Monitor substrate temperature and material temperature, as well as all environmental conditions such as ambient temperature, moisture, sun,

cloud cover, wind, humidity, and shade. Ensure conditions are satisfactory to begin work and ensure conditions remain satisfactory during the installation of specified materials. Materials and methods shall be adjusted as necessary to accommodate varying project conditions. Materials shall not be installed when conditions are unacceptable to achieve the specified results.

2. Precipitation and dew point: Monitor weather to ensure the project environment is dry before, and will remain dry, during the application of roofing materials. Ensure all roofing materials and substrates remain above the dew point temperature as required to prevent condensation and maintain dry conditions.

1.11 PERFORMANCE REQUIREMENTS

A. ROOF EDGE SYSTEM:

1. Performance testing shall be in accordance with ANSI/SPRI/FM 4435/ES-1 Wind Design Standard for Edges Systems Used with Low Slope Roofing Systems. To meet ASCE 7-10.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. PRODUCT QUALITY ASSURANCE PROGRAM: Manufacturer shall be an ISO 9001 registered company. A 'Quality Compliance Certificate (QCC) for reporting/confirming the tested values of the materials will be supplied upon request.
- B. ACCEPTABLE MANUFACTURER:
 1. Petersen Aluminum Corporation
 2. Imetco
 3. Mcelroy Metal
 4. Prior Approved equal
- C. Contractor shall furnish all sheet metal flashings, counter flashings, roof edge system, and all other related sheet metal flashings, fasteners and sealants necessary to flash and counter flash the specified roofing system at all roof terminations, transitions and penetrations.
- D. Sheet metal flashing materials and fasteners shall be compatible with adjacent materials, to accommodate all project related exposures.
- E. Pre-Finished Sheet Metal Flashing Material: Galvanized.

2.02 SHEET METAL FLASHING

A. SHEET METAL, ROOF EDGE SYSTEM:

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1. Coping metal and Roof edge system shall include all components and associated fasteners necessary to comply with specified performance requirements. Contractor to shop break flashings and provide all other related fasteners and sealants necessary for the roof edge system.
 - a. Material: 22 gauge Cleat with 24 gauge face material
 - b. Gauge/Thickness: 22 gauge/24 gauge
 - c. Finish: Kynar 500 Color selected from manufacturer's color chart.
 2. GUTTERS AND DOWNSPOUTS:
 - a. Material: 24 gauge Kynar 500
 - b. Gutter size to be minimum match existing gutters
 - c. Downspout size to be minimum match existing downspouts
 3. REGLET AND FLASHING: Engineered, formed metal counterflashing metal.
 - a. Material: Stainless Steel
 - b. Gauge/Thickness: 24 gauge
- B. FASTENERS:
1. #9 Stainless Steel Screw w/ Neoprene Washer
 - a. Length as required.
 2. #12 Galvanized Self-Drilling Screw:
 - a. Length as required.
 3. Stainless Steel Ring Shank Nails:
 - a. Length as required.
 4. 3/16" Tapcon Screws:
 - a. Length as required.
 5. Flat Head Screw w/ Extruded Washer:
 - a. Length as required.
 6. Masonry Pins
 - a. Length as required
- C. GENERAL PURPOSE SEALANT
1. General purpose, paintable, gun-grade, elastomeric, polyether moisture curing sealant for sealing membrane terminations, Kynar 500 PVDF, horizontal and vertical construction joints.
 - a. VOC Content: 20 g/L or less.
 - b. Meets or exceeds ASTM C920, Type S, Grade NS, Class 50.
 - c. Standard color,
 - d. Chem Link Duralink Sealant
 2. Butyl Sealant: Butyl rubber and polyisobutylene water resistant sealant for concealed sheet metal joints.

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3. Butyl Sealant Tape: Butyl rubber and polyisobutylene water resistant sealant tape for concealed sheet metal joints.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examination includes visual observations, qualitative analysis, and quantitative testing measures as necessary to ensure conditions remain satisfactory throughout the project.
- B. The contractor shall examine all roofing substrates including, but not limited to: insulation materials, roof decks, walls, curbs, rooftop equipment, fixtures, and wood blocking.
- C. The applicator shall not begin installation until conditions have been properly examined and determined to be clean, dry and, otherwise satisfactory to receive specified roofing materials.
- D. During the application of specified materials, the applicator shall continue to examine all project conditions to ensure conditions remain satisfactory to complete the specified roofing system.

3.02 PREPARATION

- A. Before commencing work each day, the contractor shall prepare all roofing substrates to ensure conditions are satisfactory to proceed with the installation of specified roofing materials. Preparation of substrates includes, but is not limited to, substrate repairs, securement of substrates, eliminating all incompatible materials, and cleaning.
- B. Where conditions are found to be unsatisfactory, work shall not begin until conditions are made satisfactory to begin work. Commencing of work shall indicate contractor's acceptance of conditions.

3.03 SHEET METAL FLASHING APPLICATION

- A. Refer to manufacturer's sheet metal flashing and roof edge system detail drawings, and follow product data sheets and published general requirements for installation instructions.
- B. General Requirements:
 1. Follow the most recent edition of the SMACNA Architectural Sheet Metal Manual for fabrication and installation requirements.
 2. Follow the most recent edition of the NRCA Roofing and Waterproofing Manual for fabrication and installation requirements for specified roofing and flashing.

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- C. Isolate all metal components from ACQ treated wood or other incompatibles material using specified membrane flashing materials.
- D. Appliances such as lightning rods, signs, or antennae shall be separate from the roof edge system.

3.04 GENERAL PURPOSE SEALANT

- A. Refer to published installation instructions. Ensure sheet metal and adjacent substrates are clean and free of oils, dust and other incompatible materials.
- B. Apply general purpose, paintable, gun-grade, elastomeric, polyether moisture curing sealant to seal SBS and PVC membrane terminations, exposed fasteners, Kynar 500 PVDF, and other compatible sheet metal horizontal and vertical joints, laps and transitions.

3.05 CLEAN-UP

- A. Clean-up and properly dispose of waste and debris resulting from these operations each day as required to prevent damages and disruptions to operations.

END OF SECTION