

Date Issued: April 2, 2025

Invitation to Bid No.: 25-022

The City of Decatur will accept sealed bids for the following material, equipment or services:

Description: **Replace Roof at Decatur Senior Center**

A MANDATORY Pre-Bid Meeting will be held April 11th at 10:00am at the Decatur Senior Center, located at 221 Memorial Drive SW, Decatur, AL 35601

Sealed and Marked Bids must be received before 2:00 pm on April 17, 2025, where bids will be publicly opened at the Purchasing Department Conference Room located at 701 Railroad Street NW, Decatur, AL 35601

Return sealed bid to:

Regular Mail

City of Decatur
Purchasing Department
P.O. Box 488
Decatur, AL 35602

Courier

City of Decatur
Purchasing Department
Third Floor
402 Lee St., NE
Decatur, AL 35601

I/We agree to furnish at the prices shown and guarantee that each item offered will meet or exceed all specifications, terms and conditions, and requirements listed. I herein affirm I have not been in any agreement or collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding or otherwise. I have read and understand all terms and conditions of this bid.

Company Name

Authorized Signature

Mailing Address

Typed/Printed Authorized Name

City, State, Zip

Title

Contractor's License No. (if required)

Telephone

Email

PRICE SHEET

Opening Date: April 17th, 2025

Invitation to Bid No.: 25-022

Opening Time: 2:00pm

Total Bid Labor & Material for replacement of roof (overlay) at Decatur Senior Center Specifications and Drawing located on Pages 10-21	
Estimated Number of Days to Complete	\$

*A moisture inspection has been performed and can be provided in pdf format upon request. Will also be made available at Pre-bid Meeting.

Prices quoted in all bids for personal property shall be total delivered price.

- A bid bond **IS** required for this ITB.
- Delivery can be made _____ days or _____ weeks after receipt of order.
- Terms: _____ (Discounts offered in payment terms will be considered in the bid evaluation)
- Prices valid for acceptance within _____ days (not to be less than 180 days)

NOTE: FOR THIS BID TO BE CONSIDERED RESPONSIVE, ALL INFORMATION REQUESTED SHOULD BE SUPPLIED, AS APPROPRIATE OR THE ENTIRE BID MAY BE DISQUALIFIED. BID RESPONSE MUST BE IN INK OR TYPED WITH THE ORIGINAL SIGNATURE INCLUDED.

By signing this contract, (Insert Company Name) _____ represents and agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

Bidder Signature

Company

STANDARD TERMS AND CONDITIONS

IN ORDER TO SUBMIT A RESPONSIVE BID, IT IS VERY IMPORTANT THAT ALL TERMS AND CONDITIONS, SPECIFICATIONS AND INSTRUCTIONS ARE READ THOROUGHLY.

Bid response envelopes shall be properly identified on the front with the invitation to bid number, opening date and time. Each individual invitation to bid shall be submitted in a separate sealed envelope. Multiple bid responses submitted in the same envelope/courier package (that are not in separate envelopes properly identified) shall be rejected. The Purchasing Department assumes no responsibility for late bid responses that occur due to the U.S. Postal Service or private courier service.

Bid responses and signature page must be submitted on this form in ink or typewritten or the bid will be rejected. Submit this **original and (1) copy** of the original with your response.

For a “no-bid” response, return the signature page signed and marked “no bid”. Non-response may result in removal from active bidders list.

The attached specifications are being provided to potential bidders as guidelines that describe the type and quality of equipment, supply, and/or service the City of Decatur is seeking to purchase. The bidder must indicate compliance or list exceptions to each specification item for consideration. Failure to comply with this provision could be cause for rejection of the bid.

Bid responses must be received in the office of the Purchasing Department not later than the date and time specified.

The Purchasing Department will not accept facsimile (fax) nor email transmissions of bids.

Changes or modifications of this Invitation to Bid are allowed only by written authority of the Purchasing Agent.

Non Appropriation of Funds: Continuation of any agreement between the City of Decatur and a bidder beyond a fiscal year is contingent upon continued legislative appropriation of funds for the purpose of this bid and any resulting agreement. Non availability of funds at any time shall cause any agreement to become void and unenforceable and no liquidated damages shall accrue to the City as a result. The City will not incur liability beyond the payment of accrued agreement payment.

Descriptive Literature: Reference to brand names and numbers is not restrictive, unless otherwise specified. Bids on equivalent items meeting the standards of quality indicated will be considered, providing the bid clearly describes the item offered and indicates how it differs from the referenced brands. Descriptive literature on any supplemental information necessary for comparison purposes shall be submitted with the bid or the Purchasing Agent

may reject the bid for that item. Reference to literature submitted with a previous bid, or on file with the Purchasing Department will not satisfy this requirement.

The City of Decatur reserves the right to modify all or any portion of this Invitation to Bid when the best interest of the City is involved. The City reserves the right to award this bid to a single vendor or multiple vendors when in the best interest of the City. The City reserves the right to award parts of this bid or to reject all bid submissions.

The City of Decatur reserves the right to seek clarification of bid responses from vendors submitting responses.

The City of Decatur is exempt from all Federal, sales and use taxes.

All bidders shall maintain such insurance as will protect bidder and the City of Decatur from claims under Workman's Compensation Acts and from claims for damage and or personal injury, including death, which may arise from the operation and/or fulfillment of the resulting contract of this Invitation to Bid. Insurance shall be written by companies authorized to do business in Decatur, Alabama. **Evidence of insurance shall be furnished to the City of Decatur Purchasing Department with submitted bids.**

Any individual, company, or corporation doing business with the City of Decatur must possess and show proof thereof all proper licenses and/or proper certifications required by Federal, state and local statutes and regulations prior to award when requested.

The City of Decatur reserves the right to terminate any contract resulting from this bid for just and reasonable cause whereby it appears to be in the best interest of the City. The City shall give the Contractor 90 day's written notice of termination.

The successful bidder agrees, by entering into this contract, to defend, indemnify, and hold the City of Decatur harmless from any and all causes of action or claims of damages arising out of or related to bidder's performance under this contract.

The successful bidder shall abide by all Federal, State, and Local Statutes, laws, regulations, and ordinances. Including but not limited to a current business license and remittance of sales tax owed to the City.

A Bid Bond or a certified check in the amount of five percent (5%) of the price bid, or \$10,000, whichever is least, payable to the City of Decatur, must accompany each bid. Performance Bond and Payment Bond, each in the amount of one-hundred percent (100%) of the bid amount, will be required of the successful Bidder.

An electronic version of this bid is available on the City's website at www.decatURALabamAUSA.com or by emailing purchasing@decatURAL-al.gov. In order to decrease the evaluation time and insure award by the award date please enter your responses in the electronic version if possible, and return it with a hard copy with your bid response package.

The hard copy of the invitation to bid on file in the City of Decatur Purchasing office shall serve as the master document. Any alterations, deletions, additions or other changes that materially change the intent of the bid could be considered grounds for rejection of the bid response.

Materials incorporated into the Work are exempt from sales and use tax pursuant to Alabama Act No. 2013-205 (effective January 1, 2014). General Contractors and subcontractors interested in bidding are advised to contact the Sales, Use, & Business Tax Division of the Alabama Department of Revenue for information regarding required qualifications for exemption. Materials incorporated into the project are exempt from sales and use tax. General contractors and/or subcontractors are advised that the successful bidder will be required to submit a routine application to the Alabama Department of Revenue for an exemption certificate.

The exemption certificate application must be furnished to the City of Decatur Purchasing Department prior to submission to the State of Alabama.

Exclusion of the electronic files in a bid response is not a basis for rejection.

A BID RESPONSE MAY BE REJECTED IF:

- Bids improperly submitted or identified
- Bid bond not included
- Bid not signed or not original signature
- Requested information, or documentation not submitted with bid
- Failure to acknowledge receipt of addendum with bid
- Material alteration of the master document
- Invitation to bid number not on face of envelope
- Received late
- Bid response not on original form
- Bid not in ink or typed
- Proper licensing not included/provided as required by law

Notice: As a condition of contract, grant or incentive performance with the City of Decatur, compliance with the requirements of the Beason-Hammon Alabama Taxpayer and Citizen Protection Act must be provided. Please enter the name of your company and your name and complete the affidavit below. Your signature must be notarized.

BUSINESS NAME: _____

APPLICANT'S NAME: _____

E-VERIFY AFFIDAVIT

I am the applicant listed above. In my capacity as _____ of the business entity listed above, I do hereby execute this affidavit on behalf of the business listed above and, by executing this affidavit, I verify that business' compliance with Section 31-13-9 of the Code of Alabama, 1975, stating affirmatively that it does not knowingly employ, hire for employment or continue to employ an unauthorized alien. Further, the business has registered with and is participating and will participate during the performance of any contract with the City in the federal work authorization program known as "E-verify" web address <https://e-verify.uscis.gov/enroll> , operated by the United States Citizenship and Immigration Service Bureau of the United States Department of Homeland Security to verify information of newly hired employees pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P. L. 99-603, in accordance with the applicable provisions of Alabama's Immigration law. The undersigned further represents that, should the business employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to the contract with the City, it will secure from such subcontractor(s) verification of compliance with Section 31-13-9 of the Code of Alabama, 1975, in a form substantially similar to this affidavit. The Business further agrees to maintain records of such compliance and provide a copy of each said verification on request of the City.

E-verify Employment Eligibility Verification User Identification Number

Applicant

Sworn to and subscribed before me on this the _____ day of _____, 20_____

Notary Public

My Commission Expires: _____

Section 34-8-8

Copy of chapter to be included in plans of owners, architects, and engineers; inclusion of license number on bid.

(a) All owners, architects, and engineers preparing plans and specifications for work to be contracted in Alabama pursuant to this chapter shall include in their invitations to bidders, including but not limited to all public and private advertisements, and their specifications a copy of this chapter or the portions thereof as are deemed necessary to convey to the invited bidder, whether he or she is a resident or nonresident of this state and whether a license has been issued to him or her or not, the information that it will be necessary for him or her to show evidence of license before his or her bid is considered. Any person including an owner, architect, or engineer who violates this section shall be guilty of a Class B misdemeanor and shall for each offense of which he or she is convicted be punished, fined, or both, in accordance with Sections 13A-5-7 and 13A-5-12.

(b) All owners, architects, and engineers receiving bids pursuant to this chapter shall require the person, firm, or corporation to include his or her current license number on the bid. The owner, architect, and engineer shall reject all bids that do not contain the current license number of the general contractor submitting the bid. All persons who violate this subsection shall be guilty of a Class C misdemeanor and shall for each offense for which he or she is convicted be punished, fined, or both, in accordance with Sections 13A-5-7 and 13A-5-12.

(Acts 1935, No. 297, p. 721; Code 1940, T. 46, §79; Acts 1959, No. 571, p. 1429; Acts 1996, No. 96-640, p. 1013, §1.)

**CITY OF DECATUR, ALABAMA
Contractor Pre-qualification Form (PQF)**

This form must returned in your sealed bid submission

Safety Health and Environmental (FOR CONTRACTORS AND MAJOR SUPPLIERS)			
GENERAL INFORMATION			
1. Company Name:		Telephone:	
Street Address:		Mailing Address:	
2. Contact for Insurance Information (Name):			
Title:		Telephone:	Fax:
3. PQF Completed By (Name):			
Title:		Telephone:	Fax:
ORGANIZATION			
4. Project Description:			
<hr/>			
<hr/>			
SAFETY, HEALTH & ENVIRONMENTAL PERFORMANCE			
5. Injury & Illness Stats (Year) (Year) (Year)			
(previous 3 years)			
Total Recordable Incidents:	_____	_____	_____
Fatalities:	_____	_____	_____
6. Has your company received any Citations, Notice of Violations, or other penalties relative to safety, health, or environmental within the last three years?			
Yes _____ No _____			
If Yes, please provide detailed explanation.			
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7. Does your organization have a "Drug Free Workplace Policy" and/or Program?

Yes No

8. Does your organization have an Accident/Incident Reporting and Investigation procedure?

Yes No

9. Do you have a Safety Orientation Program?

Yes No

10. Do you conduct field safety inspections?

Yes No

11. Do you conduct Safety Meetings?

Yes No

12. Company Safety Health and Environmental contact:

Name: _____

Title: _____

Address: _____

Phone Number: Mobile _____

Office _____

Email Address: _____

13. Company Representative:

Signature _____

Date _____

Flex TPO Adhered Specification

PART 1 GENERAL

1.01 DESCRIPTION

A. The City of Decatur Senior Center is located at 221 Memorial Drive in Decatur, AL. Jeremy Sherrill is the purchasing representative and may be contacted regarding any questions or for a pre-bid job site inspection.

a. jsherrill@decatur-al.gov 256-341-4522

B. The project consists of installing a 60 mil TPO membrane fully adhered system as outlined below:

Apply a FlexMembrane Adhered Roofing System in conjunction with a new coverboard overtop of the existing roof system after any wet insulation has been cut out and removed.

1.02 EXTENT OF WORK

A. Provide all labor, material, tools, equipment, and supervision necessary to complete the installation of the .060" thick white reinforced TPO (Thermoplastic Polyolefin) membrane Adhered Roofing System including flashings, insulation, and edge metal as specified herein and as indicated on the drawings in accordance with the manufacturer's most current specifications and details.

B. The roofing contractor shall be fully knowledgeable of all requirements of the contract documents and shall make themselves aware of all job site conditions that will affect their work.

C. The roofing contractor shall confirm all given information and advise the building owner, prior to bid, of any conflicts that will affect their cost proposal.

1.03 SUBMITTALS

A. Prior to starting work, the roofing contractor must submit the following:

1. Manufacturer shop drawings showing details of construction, layout, and

identification of materials.

2. A sample of the manufacturer's Membrane System Warranty.

3. Submit a letter of certification from the manufacturer which certifies the roofing contractor is authorized to install the manufacturer's roofing system and lists foremen who have received training from the manufacturer along with the dates training was received.

4. Certification from the membrane manufacturer indicating the membrane thickness over the reinforcing scrim (top ply membrane thickness) is nominal .015" (15 mil).

B. Upon completion of the installed work, submit copies of the manufacturer's final inspection to the specifier prior to the issuance of the manufacturer's warranty.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Deliver materials to the job site in the manufacturer's original, unopened containers or wrappings with the manufacturer's name, brand name and installation instructions intact and legible. Deliver in sufficient quantity to permit work to continue without interruption.

B. Comply with the manufacturer's written instructions for proper material storage.

1. Store FlexMembrane in the original undisturbed plastic wrap in a cool, shaded area. FlexMembrane that has been exposed to the elements for approximately 7 days must be prepared with Viking Products Group Weathered Membrane Cleaner prior to hot air welding.

2. Store curable materials (adhesives and sealants) between 60F and 80F in dry areas protected from water and direct sunlight. If exposed to lower temperature, restore to 60F minimum temperature before using.

3. Store materials containing solvents in dry, well ventilated spaces with proper fire and safety precautions. Keep lids on tight. Use before expiration of their shelf life.

C. Insulation must be on pallets, off the ground and tightly covered with waterproof materials.

D. Any materials which are found to be damaged shall be removed and replaced at the applicator's expense.

1.05 WORK SEQUENCE

- A. Schedule and execute work to prevent leaks and excessive traffic on completed roof sections. Care should be exercised to provide protection for the interior of the building and to ensure water does not flow beneath any completed sections of the membrane system.
- B. Contractor must work with the management staff of the Decatur Senior Center to find a time to complete the work. It is the responsibility of the contractor to not disrupt activities in occupied spaces.

1.06 USE OF THE PREMISES

- A. Before beginning work, the roofing contractor must secure approval from the building owner's representative for the following:
1. Areas permitted for personnel parking.
 2. Access to the site.
 3. Areas permitted for storage of materials and debris.
 4. Areas permitted for the location of cranes, hoists and chutes for loading and unloading materials to and from the roof.
- B. Interior stairs or elevators may not be used for removing debris or delivering materials, except as authorized by the building superintendent.

1.07 EXISTING CONDITIONS

If discrepancies are discovered between the existing conditions and those noted on the drawings, immediately notify the owner's representative by phone and solicit the manufacturer's approval prior to commencing with the work. It is solely the responsibility of the contractor to verify all measurements and roof core samples prior to bids being submitted.

1.08 PRECONSTRUCTION CONFERENCE

- A. Prior to bid submittal, the roofing contractor should schedule a job site inspection to observe actual conditions and verify all dimensions on the roof. The job site inspection may occur on

the day of the pre-bid meeting or prior to such a meeting. Should access to the roof be necessary before or after the pre-bid meeting, the contractor must contact the owner's representative to coordinate an appropriate time.

B. Any conditions which are not shown on the shop drawings should be indicated on a copy of the shop drawing and included with bid submittal if necessary to clarify any conditions not shown.

1.09 TEMPORARY FACILITIES AND CONTROLS

A. Temporary, Sanitary Facilities

Sanitary facilities will not be available at the job site. The roofing contractor shall be responsible for the provision and maintenance of portable toilets or their equal.

B. Building Site:

1. The roofing contractor shall use reasonable care and responsibility to protect the building and site against damages. The contractor shall be responsible for the correction of any damage incurred as a result of the performance of the contract.
2. The roofing contractor shall remove all debris from the job site in a timely and legally acceptable manner so as to not detract from the aesthetics or the functions of the building.

C. Security:

Obey the owner's requirements for personnel identification, inspection and other security measures.

1.10 JOB SITE PROTECTION

A. The roofing contractor shall adequately protect building, paved areas, service drives, lawn, shrubs, trees, etc. from damage while performing the required work. Provide canvas, boards and sheet metal (properly secured) as necessary for protection and remove protection material at completion. The contractor shall repair or be responsible for costs to repair all property damaged during the roofing application.

B. During the roofing contractor's performance of the work, the building owner will continue to

occupy the existing building. The contractor shall take precautions to prevent the spread of dust and debris, particularly where such material may sift into the building. The roofing contractor shall provide labor and materials to construct, maintain and remove necessary, temporary enclosures to prevent dust or debris in the construction area(s) from entering the remainder of the building.

C. Do not overload any portion of the building, by either use of or placement of equipment, storage of debris, or storage of materials.

D. Protect against fire and flame spread. Maintain proper and adequate fire extinguishers.

E. Take precautions to prevent drains from clogging during the roofing application. Remove debris at the completion of each day's work and clean drains, if required. At completion, test drains to ensure the system is free running and drains are watertight. Remove strainers and plug drains in areas where work is in progress. Install flags or other telltales on plugs. Remove plugs each night and screen drain.

F. Store moisture susceptible materials above ground and protect with waterproof coverings.

G. Remove all traces of piled bulk material and return the job site to its original condition upon completion of the work.

1.11 SAFETY

The roofing contractor shall be responsible for all means and methods as they relate to safety and shall comply with all applicable local, state and federal requirements that are safety related. Safety shall be the responsibility of the roofing contractor. All related personnel shall be instructed daily to be mindful of the full time requirement to maintain a safe environment for the facility's occupants including staff, visitors, customers and the occurrence of the general public on or near the site.

1.12 WORKMANSHIP

A. Applicators installing new roof, flashing and related work shall be factory trained and approved by the manufacturer they are representing.

B. All work shall be of highest quality and in strict accordance with the manufacturer's published specifications and to the building owner's satisfaction.

C. There shall be a supervisor on the job site at all times while work is in progress.

1.13 QUALITY ASSURANCE

A. The FlexMembrane roofing system or approved equal must achieve a UL Class A and/or FM 1-90 rating.

B. Unless otherwise noted in this specification, the roofing contractor must strictly comply with the manufacturer's current specifications and details.

C. The roofing system must be installed by an applicator authorized and trained by the manufacturer in compliance with shop drawings as approved by the manufacturer.

D. Provide adequate number of experienced workmen regularly engaged in this type of work who are skilled in the application techniques of the materials specified including operation of hot air welding equipment and power supply. Provide at least one thoroughly trained and an experienced superintendent on the job at all times roofing work is in progress.

E. There shall be no deviations made from this specification or the approved shop drawings without the prior written approval of the specifier. Any deviation from the manufacturer's installation procedures must be supported by a written certification on the manufacturer's letterhead and presented for the specifier's consideration.

F. Perform work in accordance with all federal, state and local codes. It is the intent of this specification to install a quality roofing system that meets or exceeds all current NRCA and SMACNA guidelines.

1.14 JOB CONDITIONS, CAUTIONS AND WARNINGS

Refer to Viking Products Group FlexMembrane Adhered Roofing System specification, Part II - Application, for General Job Site Considerations.

A. Material Safety Data Sheets (MSDS) must be on location at all times during the transportation, storage and application of materials.

B. When positioning membrane sheets, exercise care to locate all field splices away from low spots and out of drain sumps. All field splices should be shingled to prevent bucking of water.

C. When loading materials onto the roof, the Viking Products Group Authorized Roofing Applicator must comply with the requirements of the building owner to prevent overloading and possible disturbance to the building structure.

D. Proceed with roofing work only when weather conditions are in compliance with the manufacturer's recommended limitations, and when conditions will permit the work to proceed in accordance with the manufacturer's requirements and recommendations.

E. Proceed with work so new roofing materials are not subject to construction traffic. When necessary, new roof sections shall be protected and inspected upon completion for possible damage.

G. The surface on which the insulation or roofing membrane is to be applied shall be clean, smooth, dry, and free of projections or contaminants that would prevent proper application of or be incompatible with the new installation, such as fins, sharp edges, foreign materials, oil and grease.

H. New roofing shall be complete and weather tight at the end of the work day.

I. Contaminants such as grease, fats and oils shall not be allowed to come in direct contact with the roofing membrane.

1.15 WARRANTY

A. Provide a manufacturer's 20 year Membrane System Warranty covering both labor and material. The maximum wind speed coverage shall be peak gusts of 55 mph measured at 10 meters above ground level.

B. Pro-rated System Warranties shall not be accepted.

C. Evidence of the manufacturer's warranty reserve shall be included as part of the project submittals for the specifier's approval.

PART 2 PRODUCTS

2.01 GENERAL

A. Basis of Design: Materials, manufacturer's product designations, and/or manufacturer's

names specified herein shall be regarded as the minimum standard or quality required for work of this Section. Comply with all manufacturer and contractor/fabricator quality and performance criteria.

2.02 ACCEPTABLE MANUFACTURERS

A. Basis of Design: Viking Products Group, which is located at 3812 E. 91st St. Cleveland, OH 44105; 800-350-2142

B. Any item or materials submitted as a substitution to the manufacturer specified must comply in all respects as to the quality and performance of the brand name specified. The Owner shall be the sole judge as to whether or not an item submitted as a substitute is truly equal. Should the Contractor choose to submit a substitute product, he shall assume all monetary or other risk involved, should the Owner find the substitution unacceptable.

2.03 MEMBRANE

Furnish FlexMembrane .060" thick white reinforced TPO (Thermoplastic Polyolefin) membrane as needed to complete the roofing system. Membrane thickness over the reinforcing scrim (top-ply thickness) shall be nominal .015" thick (15 mil).

2.04 INSULATION

A. Cover Board: ½" High Density Polyiso

2.05 ADHESIVES AND CLEANERS

All products shall be furnished by Viking Products Group and specifically formulated for the intended purpose.

A. Bonding Adhesive: FlexMembrane Bonding Adhesive

B. Edge Sealant: Cut Edge Sealant

C. Sealer: Water Cut-Off Mastic and PT 304 Sealant

D. Pocket Sealant: TPO Molded Pocket Sealant

E. Cleaner: Viking Products Group Weathered Membrane Cleaner

2.06 METAL EDGING AND MEMBRANE TERMINATIONS

A. Install new 24 ga. kyar coated gutters, downspouts, fascia, counterflashing, and trim metal.

Colors must be pre-approved by the City of Decatur to ensure that the color matches the existing color on the building.

B. FlexMembrane Coated Metal: 4'x 10' coated metal sheeets made from .040 kynar coated aluminum with a minimum .035" thick non-reinforced white FlexMembrane laminate.

FlexMembrane can be welded directly to the FlexMembrane Coated Metal in accordance with the manufacturer's detail.

C. Anchor Rite Termination Bar: A 1 inch wide and .098 inch thick extruded aluminum bar prepunched 6 inches on center; incorporates a sealant ledge to support Lap Sealant and provide increased stability for membrane terminations.

PART 3 EXECUTION

3.01 GENERAL

A. Comply with the manufacturer's published instructions for the installation of the membrane roofing system including proper substrate preparation, job site considerations and weather restrictions.

B. Position sheets to accommodate contours of the roof deck and shingle splices to avoid bucking water.

3.02 INSULATION PLACEMENT AND ATTACHMENT

ROOF OVERLAY:

A. Cut out wet insulation as determined by the roof scan and properly dispose of materials. For bidding purposes include 500 SF of wet and buckled insulation in base bid to be removed.

B. Install new insulation up to the existing roof height.

C. Remove all existing curb and wall flashings and dispose of properly. Vent the existing field EPDM membrane by cutting the membrane every 10' o.c. to allow it to relax.

D. Mechanically fasten into the decking a ½" High Density PolyIso roof board over top of the

existing roof system.

3.03 MEMBRANE PLACEMENT AND ATTACHMENT

A. Position FlexMembrane over the acceptable substrate. Fold membrane sheet back lengthwise (onto itself) so half the underside of the membrane is exposed.

B. Apply FlexMembrane Bonding Adhesive in accordance with the manufacturer's published instructions, to the exposed underside of the membrane and the corresponding substrate area. Do not apply Bonding Adhesive along the splice edge of the membrane to be hot air welded over the adjoining sheet. Allow the adhesive to dry until it is tacky but will not string or stick to a dry finger touch.

1. Roll the coated membrane into the coated substrate while avoiding wrinkles. Brush down the bonded section of the membrane sheet immediately after rolling the membrane into the adhesive with a soft bristle push broom to achieve maximum contact.

2. Fold back the unbonded half of the sheet lengthwise and repeat the bonding procedures.

C. Position adjoining sheets to allow a minimum overlap of 2 inches.

D. Hot air weld the FlexMembrane sheets using the Automatic Hot Air Welding Machine or Hot Air Hand Welder in accordance with the manufacturer's hot air welding procedures.

E. Pull the membrane back along the welded splice so the entire underside of the membrane is exposed once the Hot Air Weld has been completed.

F. Apply FlexMembrane Bonding Adhesive to the exposed underside of the membrane sheet and the substrate.

G. Allow adhesive to dry until tacky and roll the membrane into the substrate and brush down the bonded section with a bristle broom following the procedure noted above.

H. Continue to install adjoining membrane sheets in the same manner, overlapping edges a minimum of 2 inches and complete the bonding procedures as stated previously.

3.04 MEMBRANE SPLICING/HOT AIR WELDING PROCEDURES

A. Hot air weld the FlexMembrane using an Automatic Hot Air Welding Machine or Hot Air Hand Welder in accordance with the manufacturer's specifications. At all splice intersections, roll the seam with a silicone roller to ensure a continuous hot air welded seam.

City of Decatur

(Note: When using .060" thick membrane, all splice intersections shall be overlaid with FlexMembrane non-reinforced flashing)

B. Probe all seams once the hot air welds have thoroughly cooled (approximately 30 minutes).

C. Repair all seam deficiencies the same day they are discovered.

D. Apply Cut Edge Sealant on all cut edges of reinforced membrane (where the scrim reinforcement is exposed) after seam probing is complete. Cut Edge Sealant is not required on vertical splices.

3.05 FLASHING

A. Flashing of parapets, curbs, expansion joints and other parts of the roof must be performed using FlexMembrane reinforced membrane. FlexMembrane non-reinforced membrane can be used for flashing pipe penetrations, Sealant Pockets, and scuppers, as well as inside and outside corners, when the use of pre-molded accessories is not feasible.

B. Follow manufacturer's typical flashing procedures for all wall, curb, and penetration flashing including metal edging/coping and roof drain applications.

3.07 DAILY SEAL

A. On phased roofing, when the completion of flashings and terminations is not achieved by the end of the work day, a daily seal must be performed to temporarily close the membrane to prevent water infiltration.

B. Complete an acceptable membrane seal in accordance with the manufacturer's requirements.

3.08 CLEAN UP

A. Perform daily clean up to collect all wrappings, empty containers, paper, and other debris

from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner.

B. Prior to the manufacturer's inspection for warranty, the applicator must perform a preinspection to review all work and to verify all flashing has been completed as well as the application of all caulking.

END OF SPECIFICATIONS

