

Midland Engineering Company • 52369 State Road 933 North • South Bend, Indiana 46637
P.O. Box 1019 • South Bend, Indiana 46624
Telephone (574) 272-0200 • Fax Number (574) 272-7400
e-mail address: midland@midlandengineering.com
www.midlandengineering.com



September 24, 2024

Mr. Zach Hurst, P.E.
Project Engineer
City of South Bend, Indiana

Reference: Central Fire Station Reroofing (Project #124-032A)

Dear Mr. Hurst,

Midland Engineering is providing the following scope of work, for the above referenced job for your review and consideration based on previous site visit February 21, 2023 along with documents issued by WDI:

1. We will remove and dispose of existing TPO roof and leave the existing tapered insulation in place and prep for overlay. We will also remove all existing TPO base flashing at walls, curbs, penetrations, etc.
2. We will provide and install new ½" High Density Polyisocyanurate Coverboard and fasten per manufacturer's **25-year** system warranty requirements, utilizing #15 XP fasteners and PVC Coated Rhinobond plates.
3. We will provide and install new White Sarnafil S-327-60 PVC membrane, hot air-weld all seams and then induction weld the membrane to the PVC coated RhinoBond plates per manufacturer's warranty requirements.
4. At parapet walls that have existing limestone coping caps, we will install polyisocyanurate vertically on the walls to provide a smooth/flush transition up the wall. We will take the PVC membrane up and over the existing limestone coping cap to make the walls water-tight. **NOTE: Currently WDI shows nothing on the walls and show NO termination bar below the limestone overhang caps, which is not warrantable. Also, this will create a small space for insects, bees, etc. to nest up under the metal coping cap.**
5. Provide and install all necessary flashings at parapet walls, curbs, penetrations, roof drains, etc.

ROOFING / SHEET METAL / MASONRY RESTORATION / WATERPROOFING

MEMBERS: SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
NATIONAL ROOFING CONTRACTORS ASSOCIATION • MIDWEST ROOFING CONTRACTORS ASSOCIATION

TERMS AND CONDITIONS: If the work is completed within 30 days of its commencement, payment in full is due upon receipt of invoice. In all other cases, payment of 95 % of the work completed shall be due upon receipt of invoice covering partial billing with final payment due upon receipt of invoice covering final billing. Non-payment in accordance with the above shall be cause for terminating performance. If payments are not made when due, interest, costs incidental to collection and attorney's fees shall be added to the unpaid balance. Interest shall accrue at the rate of 1 ½ % per month. Customer waives application of valuation and appraisal laws. Not liable for failure to perform caused by strikes, fire or anything beyond our control. Quotations subject to change without notice. Estimates limited to 15 days acceptance.

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6. We will provide and install new 24-gauge pre-finished steel (standard colors) shop fabricated coping caps to go over the existing limestone coping caps to make water-tight. We will also provide demo of existing metal components and provide new shop fabricated counterflashings, roof edge fascia's, gutters and downspouts in the same locations as currently installed.
7. Midland will be providing a **25-year** manufacturer's (standard wind speed) system warranty upon completion of this work.
8. On the existing paver/pedestal roof we will mark all pavers/pedestals and map out their existing locations and take off roof to store temporarily. We will then provide new overlay roof system as we are everywhere else. We will install new fabric filter overlayment mesh over the PVC membrane and then re-install the pavers/pedestals to match the existing layout. We will modify existing pavers as required to fit back into the original position. We will adjust pedestals accordingly to accommodate the additional 1/2" thickness we are adding to the overall roof system, to ensure the "site lines" remain the same as what is currently in place.

Inclusions

1. Dumpsters and temporary restroom facilities
2. Roof permit
3. Temporary restroom facilities for our employees while on-site
4. All hoisting of our material and equipment required for our work
5. Cleanup of all debris generated from our scope of work
6. \$25,000.00 contract allowance for an unforeseen conditions/repair that may be required
7. Cost of 100% Payment/Performance Bond
8. 5% MBE and 5% WBE participation as a material supplier for this project

Exclusions

1. All snow/ice removal and winter conditions
2. 7% sales tax
3. Interior protection
4. No tapered insulation. The existing tapered insulation will remain in place. **NOTE: WDI calls for a whole new tapered system which doesn't appear to make sense with what the existing tapered insulation layout currently is.**
5. Any costs associated with drain or drain parts replacement/repair. (if determined required)
6. Any wood blocking repair/replacement. Blocking is assumed to be present at the perimeter of the roof and in good condition underneath the existing metal edging and gutters. If any is discovered we will provide and install this on a time and material basis **ADD** to our contract amount.
7. Any costs associated with any wet insulation replacement. If any is discovered we will provide on a time and material basis **ADD** to our contract amount.

Clarifications

1. Assume to have a small "lay-down" area near the building, if necessary, for a small number of materials, dumpsters, temporary restroom facility, forklift, etc.
2. We assume we will be able to get up close and around the building with our truck crane to load and download materials, equipment, etc.
3. This re-roof will produce noise and we assume to work during normal business hours of (6am – 5pm).
4. Our roofing construction is bid to meet the manufacturer's 20-year (standard wind speed) warranty requirements. Adjustments to the roofing system that may be required by the owners' insurance would be an add to our contract amount.
5. Fall protection included in our bid is limited to the requirements of OSHA standard 29 CFR, part 1926, subpart M.
6. All fastener colors are standard for both insulation and membrane. Any painted fasteners to a specific color would be an upcharge.
7. Please take note that the above system will be PV Solar ready if owner decides down the road to want to put solar up on the roof. Please note that if owner wants the PV Solar to be included in the roof warranty that the PV Solar system would need to be designed by Sarnafil, and would need to be installed within 5 years of the new roof being installed. The roof would have to be inspected first to determine if the above is applicable.
8. Please also take note that we are providing a 25-year warranty in lieu of 20-year warranty that is specified.

Sarnafil S-327-60 PVC Overlay:

Contract Price: SIX HUNDRED FIFTEEN THOUSAND, FOUR HUNDRED DOLLARS (\$615,400.00)

If you have any questions or concerns, please do not hesitate to call (574) 271-3805, extension 131.

Sincerely,

MIDLAND ENGINEERING COMPANY



Landon Conrad
Estimator/Sales Representative

LC/kjt

Central Fire Station Reroofing (9-24-24)-p



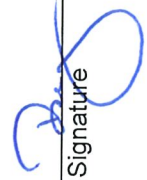
**CITY OF SOUTH BEND
MINORITY, WOMEN, AND VETERAN'S BUSINESS ENTERPRISE INCLUSION PROGRAM PLAN
FORM WBE-1.0
WBE UTILIZATION PLAN**

This completed form should be supplied with Bids that pertain to City of South Bend Public Works Projects involving WBE participation. It is the bidder's sole responsibility to verify whether any listed woman-owned business meets the WBE qualifications.

Project Number: 124-032A Project Name: Central Fire Station Reroofing WBE Goal: 2.1%
 Bidder: Midland Engineering Company, Inc. Total Bid Amount: \$615,400.00 Page 1 of 1

Name & Address of WBE	Primary Contact Person (Name/Telephone)	Scope of Work to be Performed (Attach scope/schedule if you need additional space)	Dollar Amount of WBE Component	Percentage of Total Bid/Proposal
JMH Roofing Company, Inc. 1215 E. 9th Street Indianapolis, Indiana 46202	Jeri Huntington 317-423-9035	Material Supplier	\$31,000.00	5%

Submitted by: Ryan J. Haas
Print Name


Signature

9/24/2024
Date



**CITY OF SOUTH BEND
MINORITY, WOMEN, AND VETERAN'S BUSINESS ENTERPRISE INCLUSION PROGRAM PLAN
FORM MBE-1.0
MBE UTILIZATION PLAN**

This completed form should be supplied with Bids that pertain to City of South Bend Public Works Projects involving MBE participation. It is the bidder's sole responsibility to verify whether any listed minority-owned business meets the MBE qualifications.

Project Number: 124-032A Project Name: Central Fire Station Reroofing MBE Goal: 0.6%
 Bidder: Midland Engineering Company, Inc. Total Bid Amount: \$615,400.00 Page 1 of 1

Name & Address of MBE	Primary Contact Person (Name/Telephone)	Scope of Work to be Performed (Attach scope/schedule if you need additional space)	Dollar Amount of MBE Component	Percentage of Total Bid/Proposal
JMH Roofing Company, Inc. 1215 E. 9th Street Indianapolis, Indiana 46202	Jeri Huntington 317-423-9035	Material Supplier	\$31,000.00	5%

Submitted by: Ryan J. Haas 9/24/2024
 Print Name Date
[Signature]
 Signature

CITY OF SOUTH BEND
MINORITY, WOMEN, AND VETERAN'S BUSINESS ENTERPRISE INCLUSION PROGRAM PLAN
FORM MBE-2.1
WBE CONTACTED



This completed form should be supplied with Bids that pertain to City of South Bend Public Works Projects requiring Good Faith Efforts to contact WBEs. It is the bidder's sole responsibility to verify whether any listed woman-owned business meets the WBE qualifications. Attach additional pages if necessary.

PAGE 1 OF 1

Project Number: 124-032A WBE Participation Goal 2.1%

Project Name: Central Fire Station Reroofing

Bidder: Midland Engineering Company, Inc.

By: _____ President/CEO 9/24/2024
 (Signature) (Title) (Date)

WBE Firm JMH Roofing Company, Inc.

Owner or Contact at WBE Firm Jeri Hunington

Telephone: 317-423-9035 Fax: _____ Email: _____

TYPE OF WORK SOLICITED FOR THIS PROJECT: Material Supplier

RESULTS OF CONTACT WITH THE WBE FIRM: They can provide materials to exceed the goal. The cost is more than direct from Manufacturer, but we have included 5% participation in our bid proposal, which is 2.9% more than the specified "goal" in the specifications.

WBE Firm _____

Owner or Contact at WBE Firm _____

Telephone: _____ Fax: _____ Email: _____

TYPE OF WORK SOLICITED FOR THIS PROJECT: _____

RESULTS OF CONTACT WITH THE WBE FIRM: _____

CITY OF SOUTH BEND
MINORITY, WOMEN, AND VETERAN'S BUSINESS ENTERPRISE INCLUSION PROGRAM PLAN



FORM MBE-2.1
MBE CONTACTED

This completed form should be supplied with Bids that pertain to City of South Bend Public Works Projects requiring Good Faith Efforts to contact MBEs. It is the bidder's sole responsibility to verify whether any listed minority-owned business meets the MBE qualifications. Attach additional pages if necessary.

PAGE 1 OF 1

Project Number: 124-032A MBE Participation Goal 0.6%

Project Name: Central Fire Station Reroofing

Bidder: Midland Engineering Company, Inc.

By: _____ President/CEO 9/24/2024
(Signature) (Title) (Date)

MBE Firm JMH Roofing Company, Inc.

Owner or Contact at MBE Firm Jeri Hunington

Telephone: 317-423-9035 Fax: _____ Email: _____

TYPE OF WORK SOLICITED FOR THIS PROJECT: Material Supplier

RESULTS OF CONTACT WITH THE MBE FIRM: They can provide materials to exceed the goal. The cost is more than direct from Manufacturer, but we have included 5% participation in our bid proposal, which is 4.4% more than the specified "goal" in the specifications.

MBE Firm _____

Owner or Contact at MBE Firm _____

Telephone: _____ Fax: _____ Email: _____

TYPE OF WORK SOLICITED FOR THIS PROJECT: _____

RESULTS OF CONTACT WITH THE MBE FIRM: _____