

P251-12613

ADDENDUM NUMBER: Addendum - Two

PROJECT TITLE: Milwaukee County Parks Department
CENTRAL SERVICES MAINTENANCE GARAGE
Roof Replacement
Site Number: 240
Building Number: 4250
1150 North 68th Street
Wauwatosa, Wisconsin 53213

PROJECT NUMBER: P251-12613

DATE OF ADDENDUM: November 13, 2013

This Addendum to the Contract Documents is issued to modify, explain or correct the original Documents, Dated October 18, 2013, and is hereby made part of the Contract Documents. Acknowledge receipt of this addendum in the space provided on the Bid Form, or bid maybe rejected.

SPECIFICATIONS

DOCUMENT 00 30 00 – INFORMATION AVAILABLE TO BIDDERS

1.3 ROOF REPORT

- B. The Roof Report by Schranz Roofing, Inc. issued in Addendum One is informational and while data has been collected with reasonable care, there is no expressed or implied guarantee that conditions indicated do entirely representative of those actually exist across the entire roof area of this project.

DOCUMENT DBE 00 MC – DISADVANTAGED BUSINESS ENTERPRISE (DBE) UTILIZATION SPECIFICATIONS

2. DBE Goal

Revise DBE participation goal.

- 2. This contract's DBE participation goal is 25%.

SECTION 01 10 00 – SUMMARY

1.3 CONSTRUCTION CONDITIONS

- B. Add sub-paragraph 1.
 - 1. It is highly recommended that the roof contractor take additional roof-cores of the existing roof to verify existing conditions of the roof construction.

SECTION 07 53 03 – ELASTOMERIC MEMBRANE ROOFING – FULLY ADHERED

1.3 PERFORMANCE REQUIREMENTS

Add paragraph C, in its entirety:

- C. Wind Resistance of roofs: Roof system shall be designed for wind loads in accordance with Chapter 16 and Sections 1504.2, 1504.3 and 1504.4 of the State of Wisconsin – Commercial Building Code.

1.4 SUBMITTALS

Revise paragraph B, in its entirety:

- B. Shop Drawings: For roofing system include plans, elevations, sections, details, and attachments to other work, including:
 - 1. Base flashings and membrane terminations.
 - 2. Tapered (roof saddles) insulation, including slope.
 - 3. Roof plan showing flat stock insulation layout, roof saddles, and orientation of roof membrane.
 - 4. Fastener spacing and patterns for mechanically fastened flat stock roof insulation.
 - a. Include insulation fastening patterns for corners, perimeter, and field-of roof fastener locations.

2.1 TOTAL ROOF SYSTEM

Revise paragraph F, in its entirety:

- F. Self-Adhered Vapor Barrier Membrane:
 - 1. Material: SBS rubberized asphalt compound, which is integrally laminated to a blue cross-laminated polyethylene film.
 - 2. Thickness: 0.8 mils
 - 3. Elongation: 180% Minimum; ASTM D412-modified.
 - 4. Tensile Strength: 3.4Mpa minimum; ASTM D412-modified.
 - 5. Minimum Puncture Resistance: 178 N; ASTM E154
 - 6. Acceptable Manufacturer:
 - a. Henry Company
 - 1). Vapor-Bloc SA

2.2 ACCESSORIES

Revise paragraph C, in its entirety:

- C. Insulation Mechanical Attachment:
 - b. Insulation fastening density will vary based on insulation type, thickness, and required warranty. For code compliance, increased fastening density may be required depending upon project wind speed and wind up-lift requirement. Insulation securement is to comply with Section 1505.4 of the State of Wisconsin – Commercial Building Code and Factory Mutual approvals.
 - c. Fasteners: Factory-coated steel fasteners and metal or plastic plates complying with corrosion-resistance provisions in FM Global 4470, designed for fastening insulation to substrate, and is acceptable to roofing system manufacturer.

3.2 PREPARATION

Omit sub-paragraph A.2, in its entirety.

3.3 INSTALLATION

Revise paragraph A, in its entirety.

- A. Self-Adhering Vapor Retarder Application: Install self-adhering-sheet vapor retarder over area to receive vapor retarder, side and end lapping each sheet a minimum of 3 1/2-inches and 6-inches respectively. Seal laps by rolling.
 - 1. Completely seal vapor retarder at terminations, obstructions, and penetrations to prevent air movement into roof system.

Revise paragraph B, in its entirety.

- B. Flat Stock Insulation Application:
1. Ensure vapor retarder is clean and dry.
 2. Install flat stock insulation in two layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6-inches in each direction.
 3. Trim insulation as detailed to create a sump at each roof drain and does not restrict the flow of storm water.
 4. Mechanically Fasten Insulation: Install each layer of insulation and secure to deck using mechanical fasteners specifically designed and sized for fastening specified board type roof insulation.
 - a. Fasten insulation according to requirements in FM Global's "RoofNav" for specified Windstorm Resistance Classification.
 - b. Fasten insulation to resist uplift pressure at corners, perimeter, and field of roof.
 5. Wind Resistance of roofs: Roof system shall be designed for wind loads in accordance with Chapter 16 and Sections 1504.2, 1504.3 and 1504.4 of the State of Wisconsin – Commercial Building Code.
 6. Lay boards with edges in moderate contact without forcing. Cut insulation to fit neatly to perimeter blocking and around penetrations through roof.
 7. Apply no more insulation than can be covered with membrane in same day.

END OF ADDENDUM TWO