

ADDENDUM NO. 2

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

REPLACE ROOFS
ACADEMY DORMITORY & ADMINISTRATION BUILDING
MISSOURI STATE HIGHWAY PATROL GENERAL HEADQUARTERS
JEFFERSON CITY, MISSOURI
PROJECT NO: R1801-01

Bid Opening Date is NOT Changed: *1:30 PM, Thursday July 12, 2018*

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 000115 – List of Drawings

- a. REVISE Paragraph 3.1 due to new attached REVISED Drawing Sheets as follows:
 - 2. Demo Roof Plans Bldg: 55104 Dormitory Bldg, Sheet AD-101A, Revised 06/27/2018.
 - 3. Demo Roof Plans Bldg: 55105 Admin. Bldg, Sheet AD-101B, Revised 06/27/2018.
 - 4. Roof Plans Bldg: 55104 Dormitory Bldg, Sheet A-101A, Revised 06/27/2018.
 - 5. Roof Plans Bldg: 55105 Admin. Bldg, Sheet A-101B, Revised 06/27/2018.

2. Section 011000 – Summary of Work

- a. REVISE Paragraph 1.2 as follows:
 - A. The Project consists of installing a new fleece-back single-ply (TPO) roofing system membrane over the existing EPDM membrane roof and related work at **Academy Dormitory and Administration Building, Missouri State Highway Patrol General Headquarters**, 1510 East McCarty Street, Jefferson City, Missouri.
 - B. Contract Documents, originally dated May 1, 2018 (Drawings Revise date June 27, 2018) were prepared for the Project by The Architects Alliance, Inc., 631 West Main Street, Jefferson City, Missouri 65101, Phone: (573) 636-5000, Fax: (573) 573-6133, Email: mail@thearchitectsalliance.com
 - C. The Work consists of removal of all existing parapet wall membrane & metal flashings, copings, etc., leaving existing single-ply EPDM roof membrane, cover board & tapered insulation, and installing some new patching insulation, properly cleaning existing single-ply EPDM roof membrane, installing new single-ply thermoplastic-polyolefin (TPO) fleece-back membrane roofing and all new membrane & metal flashings, copings, etc., including removal of equipment and raising existing equipment curbs, reinstallation of equipment, equipment electrical disconnect and re-installation, new base support at existing stair with new pitch pockets, etc.

3. Section 024119 – Selective Demolition

- a. REVISE Paragraph 1.2-A.1 as follows:

1. Removal of the existing single-ply membrane parapet wall flashing.
 - b. REVISE Paragraph 3.5-A.1 as follows:
 1. Removal existing membrane flashing at parapet walls and penetrations.
 - c. DELETE Paragraph 3.5-A.2
4. Section 070150 – Preparation For Re-Roofing
- a. REVISE Paragraph 1.2-A.1 as follows:
 1. Removal of roof membrane flashing at parapet walls and roof penetrations, and removal of equipment curbs, roof hatch, etc. to be raised/replaced and at areas indicated on drawings.
 - b. ADD Paragraph 1.2-A.5 as follows:
 5. Properly cleaning existing roof membrane to remain, as required by new roof membrane manufacturer, for installation of new membrane over existing.
 - c. REVISE Paragraph 1.4 as follows:
 - B. Partial Roof Tear-off: Removal of some existing membrane flashing at parapet walls, roofing around curbs, roof hatches, etc. for installation of new curb, hatches, etc. and complete removal of existing copings, flashings and other related components and accessories from existing roofing system, as required for installation of new roof system, flashings, etc.
 - C. Roof Insulation: Providing new roof insulation replacement at areas around curbs, roof hatches, etc.; being replaced with new roof accessories.
 - d. DELETE Paragraph 3.2-C.1.a
5. Section 075423 – Thermoplastic-Polyolefin Roofing (TPO)
- a. REVISE Paragraph 1.2-B as follows:
 - B. Roof insulation filler around new roof hatches, new raised curbs and other new roof accessories.
 - b. REVISE Paragraph 2.2-A as follows:
 - A. Roofing System: Thermoplastic Polyolefin (TPO) single-ply (60 mil) Fleece-Back Membrane (Equal to Firestone UltraPly TPO XR 115 Membrane).
 1. Membrane Attachment: Fully adhered to existing EPDM roof membrane.
 2. Warranty: Full 20 Year System Warranty; covering membrane and all related new insulation, flashings, accessories, etc.
 - c. DELETE Paragraph 2.2-B.2
 - d. REVISE Paragraph 2.3-A as follows:
 - A. Membrane: Flexible, heat weldable sheet composed of thermoplastic polyolefin polymer and ethylene propylene rubber; 115 mil, complying with ASTM D6878, with

polyester weft inserted reinforcement, a polyester fleece backing and the following characteristics:

1. Thickness: 0.060 inch (1.52 mm) plus/minus 10 percent membrane, with coating thickness over reinforcement of 0.024 inch (0.61 mm) plus/minus 10 percent, with 55 mil, 8 ounce polyester fleece backing.
2. Sheet Width: Provide the widest available sheets to minimize field seaming.
3. Puncture Resistance: 265 lbf (1174 N), minimum, when tested in accordance FTM 101C Method 2031.
4. Solar Reflectance (SRI): 0.71, minimum, when tested in accordance with ASTM C1549.
5. Color: White/gray, as recommended by manufacturer and approved by Owner.
6. Acceptable Products: Equal to UltraPly TPO XR 115 (60 mil) by Firestone.
7. Adhesive: Adhesive beads equal to Firestone XR Bonding Adhesive or XR Stick Adhesive, as recommended, installed and Warranted by the Roofing Manufacturer.

DRAWING CHANGES:

1. REMOVE and REPLACE Existing Drawing Sheets with new attached REVISED Drawing Sheets as follows:
 - a. Demo Roof Plans Bldg: 55104 Dormitory Bldg, Sheet AD-101A, Revised 06/27/2018.
 - b. Demo Roof Plans Bldg: 55105 Admin. Bldg, Sheet AD-101B, Revised 06/27/2018.
 - c. Roof Plans Bldg: 55104 Dormitory Bldg, Sheet A-101A, Revised 06/27/2018.
 - d. Roof Plans Bldg: 55105 Admin. Bldg, Sheet A-101B, Revised 06/27/2018.

ATTACHMENTS:

1. Revised Drawings:
 - a. Demo Roof Plans Bldg: 55104 Dormitory Bldg, Sheet AD-101A, Revised 06/27/2018, one sheet.
 - b. Demo Roof Plans Bldg: 55105 Admin. Bldg, Sheet AD-101B, Revised 6/27/2018, one sheet.
 - c. Roof Plans Bldg: 55104 Dormitory Bldg, Sheet A-101A, Revised 06/27/2018, one sheet.
 - d. Roof Plans Bldg: 55105 Admin. Bldg, Sheet A-101B, Revised 06/27/2018, one sheet.

July 2, 2018

END ADDENDUM NO. 2