ADDENDUM NO. 3

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

Replace Roofs – Laundry & Print Shop
Moberly Correctional Center
Moberly, Missouri
PROJECT NO.: C1913-02

Bid Opening Date: 1:30 PM, June 25, 2020

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

SPECIFICATION CHANGES:

1. SECTION 220719 – PLUMBING PIPING INSULATION
   a. REPLACE with REVISED Section 220719 – PLUMBING PIPING INSULATION (attached).

2. SECTION 221005 – PLUMBING PIPING
   a. REPLACE with REVISED Section 221005 – PLUMBING PIPING (attached).

3. SECTION 221006 – PLUMBING PIPING SPECIALITIES
   a. REPLACE with REVISED Section 221006 – PLUMBING PIPING SPECIALITIES (attached).

ATTACHMENTS:

1. Section 220719 – Plumbing Piping Insulation
2. Section 221005 – Plumbing Piping
3. Section 221006 – Plumbing Piping Specialties

June 18, 2020

END ADDENDUM NO. 3
SECTION 220719 - PLUMBING PIPING INSULATION

PART 1  GENERAL

1.01 SECTION INCLUDES
   A. Piping insulation.
   B. Jackets and accessories.

1.02 RELATED REQUIREMENTS
   A. Section 221005 - Plumbing Piping: Placement of hangers and hanger inserts.

1.03 REFERENCE STANDARDS

PART 2  PRODUCTS

2.01 REGULATORY REQUIREMENTS
   A. Surface Burning Characteristics: Flame spread index/Smoke developed index of 25/50, maximum, when tested in accordance with ASTM E84 or UL 723.

2.02 FLEXIBLE ELASTOMERIC CELLULAR INSULATION
   A. Manufacturers:
   B. Insulation: Preformed flexible elastomeric cellular rubber insulation complying with ASTM C534/C534M Grade 1; use molded tubular material wherever possible.
      1. Minimum Service Temperature: Minus 40 degrees F (Minus 40 degrees C).

PART 3  EXECUTION

3.01 INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Install insulation a minimum of ten (10) linear feet measured from the roof drain outlet in the horizontal downstream direction of piping.

END OF SECTION 220719
SECTION 221005 - PLUMBING PIPING

PART 1  GENERAL

1.01  SECTION INCLUDES

A.  Pipe, pipe fittings, specialties, and connections for piping systems.
   1.  Storm water.
   2.  Pipe hangers and supports.

1.02  RELATED REQUIREMENTS

A.  Section 220719 - Plumbing Piping Insulation.

1.03  REFERENCE STANDARDS


1.04  QUALITY ASSURANCE

A.  Perform work in accordance with applicable codes.

PART 2  PRODUCTS

2.01  GENERAL REQUIREMENTS

A.  Potable Water Supply Systems:  Provide piping, pipe fittings, and solder and flux (if used), that comply with NSF 61 and NSF 372 for maximum lead content; label pipe and fittings.

2.02  STORM WATER PIPING, BURIED WITHIN 5 FEET (1500 MM) OF BUILDING

A.  PVC Pipe:  ASTM D2665 or ASTM D3034.
   1.  Fittings:  PVC.
2.03 STORM WATER PIPING, ABOVE GRADE
   A. PVC Pipe: ASTM D2665 or ASTM D3034.
      1. Fittings: PVC.

PART 3 EXECUTION
3.01 PREPARATION
   A. Ream pipe and tube ends. Remove burrs.
   B. Remove scale and dirt, on inside and outside, before assembly.
   C. Prepare piping connections to equipment with flanges or unions.

3.02 INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Provide clearance in hangers and from structure and other equipment for installation of insulation and access to valves and fittings.
   C. PVC Pipe: Make solvent-welded joints in accordance with ASTM D2855.

3.03 SCHEDULES
   A. Pipe Hanger Spacing:
      1. Plastic Piping:
         a. All Sizes:
            1) Maximum Hanger Spacing: 6 ft (1.8 m).
            2) Hanger Rod Diameter: 3/8 inch (9 mm).

END OF SECTION 221005
SECTION 221006 - PLUMBING PIPING SPECIALTIES

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Drains.

1.02 RELATED REQUIREMENTS

A. Section 220000 – Plumbing
B. Section 220719 – Plumbing Piping Insulation
C. Section 221005 - Plumbing Piping.

1.03 REFERENCE STANDARDS

A. ASME A112.6.4 - Roof, Deck, and Balcony Drains 2008 (Reaffirmed 2012).

PART 2 - PRODUCTS

2.01 DRAINS

A. Manufacturers:
   2. Zurn Industries, LLC: www.zurn.com
   3. Watts: www.watts.com
B. Roof Drains:
   1. Assembly: ASME A112.6.4.
   2. Body: Cast iron with sump.
   3. Strainer: Removable aluminum or cast iron dome.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install in accordance with manufacturer's instructions.

END OF SECTION