

ADDENDUM NO. 3

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**ABATE AND REPLACE PIPING
MOBERLY CORRECTIONAL CENTER
MOBERLY, MISSOURI**

PROJECT NO. C1601-01

Bid Opening Date is **UNCHANGED**: 1:30 PM, Thursday, January 18, 2018

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

SPECIFICATION CHANGES:

1. Section 013300 – Submittals: DELETE Section 230130.51 from Paragraph 3.2-A Required Submittals Table.
2. Section 230130.51 – HVAC Air Duct Cleaning: DELETE this specification in its entirety.
3. Section 230800 – Commissioning of HVAC: REVISE Paragraph 1.01-B as follows:
 - B. The HVAC hydronic piping system being renovated is to be commissioned, including commissioning activities for the following specific items:
 1. New piping systems and existing equipment including Fin Tube Heaters, FCU's and Air Handlers served by the piping system.
 2. New FCU's specified in the construction drawings.
 3. Other equipment and systems explicitly identified elsewhere in Contract Documents as requiring commissioning.
4. Section 232113 – Hydronic Piping: REVISE Paragraph 2.08 as follows:

2.08 VALVES

 - A. For valves up to and including 2", valves shall be Nibco or equivalent 200 psi or greater, full port ball valves.
 - B. For valves greater than 2", Nibco or equivalent Gate Valves, Class 125, Cast Iron, Flanged.
 - C. Grooved valves of equivalent ratings are acceptable.

DRAWING CHANGES:

1. Sheet G-002: ADD General Construction Note 5 as follows:
 5. SOME EXISTING FCU'S NOT BEING REPLACED IN THE SCOPE OF THIS WORK, MAY NOT BE IN GOOD WORKING CONDITION. CONTRACTOR SHALL FIELD VERIFY WORKING CONDITION OF EQUIPMENT PRIOR TO START OF RENOVATION WORK. MAKE NOTE OF ANY DEFICIENCIES AND NOTIFY GENERAL CONTRACTOR AND OWNER PRIOR TO RENOVATION WORK. CONTRACTOR SHALL PROVIDE STARTUP OF EXISTING EQUIPMENT AFTER CONNECTION TO NEW PIPING AND VERIFY PROPER WATER FLOW. EQUIPMENT OPERATION SHALL MEET PRE-RENOVATION CONDITIONS.
2. Sheet H-101: ADD the following sentences to Asbestos Abatement Specific Note 3:

NUMBER OF CORE DRILL HOLES REQUIRED TO BE DETERMINED BY THE CONTRACTOR BUT SHOULD BE KEPT TO A MINIMUM. THE OWNER WILL RESTORE THE 12" HOLES IN THE FOUNDATION AFTER SUBSTANTIAL COMPLETION.

3. Sheet H-104: ADD the following sentences to Asbestos Abatement Specific Note 6:
GLOVE BAG AND HEPA VACUUM THE THERMAL SYSTEM INSULATION AND DEBRIS THAT CAN BE ACCESSED FROM PANELS ON 1ST AND 2ND FLOORS. CONTRACTOR NOT RESPONSIBLE FOR PIPE WRAP NOT ACCESSIBLE FROM THESE ACCESS PANELS.
4. Sheet P-102: REVISE Specific Plumbing Renovation Note 2 as follows:
 2. MAKE OWNER AWARE OF ANY LEAKS FOUND IN EXISTING PIPING DURING THE COURSE OF THE PROJECT. OWNER SHALL INSULATE PLUMBING PIPING WITH THERMAL INSULATING PAINT.
5. Sheet P-103: REVISE Specific Plumbing Renovation Note 3 as follows:
 3. MAKE OWNER AWARE OF ANY LEAKS FOUND IN EXISTING PIPING DURING THE COURSE OF THE PROJECT. OWNER SHALL INSULATE PLUMBING PIPING WITH THERMAL INSULATING PAINT.
6. Sheet M-101: ADD the following sentence to Specific Mechanical Demolition Note 21:
REPLACE APPROXIMATELY 10' OF 48" X 22" RETURN DUCT, RECONNECTING IT TO EXISTING SYSTEM RETURN. CLEAN REMAINING SECTION OF RETURN DUCT (APPROXIMATELY 4') OF ANY FOREIGN DEBRIS PRIOR TO BEING REASSEMBLED.
7. Sheet M-207: ADD Specific Mechanical Construction Note 17 as follows:
 17. CONTRACTOR SHALL BALANCE FLOW TO NEW FCU'S ACCORDING TO SCHEDULE ON SHEET M-501.
8. Sheet M-208: ADD Specific Mechanical Construction Note 7 as follows:
 7. CONTRACTOR SHALL BALANCE FLOW TO NEW FCU'S ACCORDING TO SCHEDULE ON SHEET M-501.
9. Sheet M-501: REVISE Fan Coil Unit Schedule Note 1 as follows:
 1. MFG: DESIGN BASIS: CARRIER, PROVIDE VERTICAL SLANTED TOP SUPPLY/LOW FRONT RETURN AIRFLOW ARRANGEMENT, 2-PIPE HEATING AND COOLING, 4 ROW COILS, VARIABLE SPEED FAN, GALVANIZED DRAIN PAN, INSULATION, SINGLE POINT POWER CONNECTION, CONDENSATE OVERFLOW SWITCH, 3-WAY MOTORIZED ACTUATOR, 150 PSI, SUPPLY LINE, STRAINER, CIRCUIT SETTER, COOLING COIL, FACTORY MOUNTED 24V THERMOSTAT WITH UNIT. ALTERNATE MANUFACTURERS ARE TRANE, AIRTHERM, OR EQUIVALENT BASED ON THE SPECIFICATIONS ABOVE.

January 8, 2018

END ADDENDUM NO. 3