



ADDENDUM NO. 1 TO PROJECT NO. Q1507

**HVAC WORK
PROVIDE AND UPGRADE EXISTING
NATURAL GAS COMPONENTS
BARE HILL, FRANKLIN, AND UPSTATE CORRECTIONAL FACILITIES
VARIOUS DCCS FACILITIES**

October 11, 2012

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATIONS

1. Page 011000-1, ARTICLE 1.02 PHASING: Delete this Article in its entirety, and replace with the following:

“1.02 PHASING AND PHYSICAL COMPLETION DATE

- A. Complete the Work of each Phase to Substantial Completion. The Heating Plants, Upstate, Bare Hill and Franklin correctional, shall be carrying the facility heating load at all times. No shutdown of equipment before May 1st, 2013. All critical equipment must be functional after October 15th, 2013.
 1. Phase 1 Work: Complete before February 15, 2013 (45 days)
 - a. Submittals.
 - b. Physical demo/install on equipment not to start before May 1st.
 2. Phase 2 Work: Complete before July 31, 2013 (91 more days)
 - a. Complete Natural gas and propane piping as shown on drawings M-101, 102 and 103. Coordinate meter location with St. Lawrence Gas Company. Provide propane pilot operation on the boilers at Bare Hill and Franklin Correctional.
 - b. Complete Fuel trains and housings as shown on drawing M-501 for all boilers at Bare Hill, Franklin and Upstate Correctional.
 - c. Complete all burner drawers and pilots for all boilers at Bare Hill and Franklin Correctional.
 - d. At Bare Hill and Franklin, demonstrate that all boilers can fire on fuel oil in the local control position and can be utilized by the facility during the next phases of this project.
 - e. At Upstate, using existing burner drawers, demonstrate all boilers can fire on fuel oil in local control and can be utilized by the facility during the next phases of this project.
 - f. Demonstrate all equipment, in Bare Hill, Franklin and Upstate can operate in the local control mode for facility use.
 - f. Bollards as shown on drawings M-101, 102 and 103.

ADDENDUM NO. 1 TO PROJECT NO. Q1507

3. Phase 3 Work: Complete before August 31, 2013 (31 more days)
 - a. Complete burner management systems on the number one (1) boiler in Bare Hill, Franklin and Upstate, to fire on natural gas in local control
 - b. Commission and tune the number one (1) boilers at Bare Hill, Franklin and Upstate Correctional boilers for local control.
 - c. Submit burner performance sheet for approval. (Submit raw data and final data on burner performance sheet from the specification. Final data to be typed in Excel spreadsheet)
 4. Phase 4 Work: Complete before October 15, 2013 (45 more days)
 - a. Complete burner management systems on the remaining boilers in Bare Hill, Franklin and Upstate, to fire on natural gas in local control.
 - b. Remaining boilers completed consecutively, each boiler shall be approved before starting work on the next one.
 - c. Commission and tune the remaining boilers at Bare Hill, Franklin and Upstate Correctional boilers for local control..
 - d. Submit burner performance sheet for approval. (Submit raw data and final data on burner performance sheet from the specification. Final data to be typed in Excel spreadsheet)
 5. Phase 5 Work: Complete before November 30th, 2013 (45 days)
 - a. Complete remote panel work on PWC's and the Master Panels boiler in Bare Hill, Franklin and Upstate.
 - b. Complete the SCADA installation.
 6. Phase 6 Work: Complete before December 31, 2013 (31 days)
 - a. Commission plant masters, proving automatic operation with boiler operations, boiler lead lag operation and SCADA functioning."
2. Page 230523-6, ARTICLE 3.02 VALVE APPLICATION SCHEDULE 3 b: Change this sentence to say "2-1/2" to 6": Flanged end, AA plug valves."
 3. Page 230523-6, ARTICLE 3.02 VALVE APPLICATION SCHEDULE 3: Add the following subsection "c. 8": Welded end, AC plug valves."
 1. Page 230523-4, ARTICLE 2.06 PLUG VALVES: Add the following paragraph:
"C. Type AC: 300 psig WOG, 2" malleable iron operation square with locking device, brass packing actuator, steel bonnet ASTM A-216 Grade WCB, stainless steel stem, and weld ends. Similar to a Kerostat model # 1WL7 or equal"

DRAWINGS

4. Drawing No. M-103, GROUND FLOOR PLAN-FRANKLIN CORRECTIONAL FACILITY: Change 1/8" = 1'-0" scale to read 1/4" = 1'-0".
5. Drawing M-101, SECTION A-A: Change note pointing to natural gas valve to say "8" 300# weld end valve, type AC."
6. Drawing M-501, TYPICAL BOILER BURNER GAS PIPING SCHEMATIC – UPSTATE and TYPICAL BOILER BURNER GAS PIPING SCHEMATIC – BARE HILL & FRANKLIN: Delete note 1 in its entirety.

ADDENDUM NO. 1 TO PROJECT NO. Q1507

7. Drawing M-501, TYPICAL BOILER BURNER GAS PIPING SCHEMATIC – UPSTATE and TYPICAL BOILER BURNER GAS PIPING SCHEMATIC – BARE HILL & FRANKLIN: Add the following note “The (1) active vent located between the safety gas valves in the burner gas supply shall be 2”. All other vents shall be 1”. Provide vent screen at the termination of all vents.”

END OF ADDENDUM

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JRC:jc