



HARRIMAN

ADDENDUM

Date November 12, 2014

To Prospective Bidders

Re Addendum No. 1 to the Bidding Documents for:

USM
Central Heat Plant Boiler Upgrade
Portland, ME
Project No. 14411

This Addendum forms a part of the Contract Documents and modifies the original Bidding documents dated October 31, 2014. Acknowledge receipt of this Addendum in the space provided in the Bid Form.

This Addendum consists of four pages and Drawing Nos. listed on page four.

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Addendum No. 1

CLARIFICATIONS TO SPECIFICATIONS

1. SECTION 260741 - TELEPHONE/DATA SYSTEM
 - a. See paragraph 1.6-A & B. the intent of this specification is that this contract will provide all interior and exterior raceways and junction boxes for tel/data cabling. The Owner will provide all cabling, racks, patch panels, switches, testing, etc...
2. SECTION 270000 - COMMUNICATIONS
 - a. This section is provided for reference only and shall not be included as part of the Electrical filed-sub-bid.

CHANGES TO SPECIFICATIONS

1. SECTION 235233 – STEEL FIRE-TUBE BOILERS
 - a. Article 2.1, add the following:
“C. Superior Boiler works as an acceptable boiler and deaerator manufacturer, subject to requirements of spec section 235233 Steel Fire Tube Boilers and 016300 Substitution and Product Options.”
 - b. Article 2.2, add the following:
“C. ST Johnson as an acceptable burner manufacturer, subject to requirements of spec section 235233 Steel Fire Tube Boilers and 016300 Substitution and Product Options.”
 - c. Article 2.3, add the following:
“C. Superior Boiler works as an acceptable boiler and deaerator manufacturer, subject to requirements of spec section 235233 Steel Fire Tube Boilers and 016300 Substitution and Product Options.”
 - d. Article 2.5. A, delete and replace with the following:
“A. Construct boilers in accordance with the ASME Boiler and Pressure Vessels Code for a maximum working pressure of 15 psig steam. Safety relief valves shall be sized for 15 psig.”
2. SECTION 260470 - PANELBOARDS
 - a. Paragraph 2.7, A, add the following:
“4. Siemens.”
 - b. Paragraph 2.8, A, add the following:
“6. Provide CT’s in pad for Woodbury Campus Center feeder (four sets 3#350MCM & 1#250MCM) and all connecting wiring in 1” conduit back to meter enclosure in Boiler Plant.”
3. SECTION 263213 – ENGINE GENERATORS
 - a. Article 2.9.C.2. delete in its entirety.

CLARIFICATIONS TO DRAWINGS

1. DRAWING E05.1 – EXISTING CONDITIONS FLOOR PLANS

- a. The three conduits shown as rising on the back wall of the Boiler Plant adjacent to the underground communications conduits are the same conduits indicated on Drawing E20.1 as “emergency phone wiring and miscellaneous conduits“. The intent is to intercept these conduits and reroute into the new hand hole. The existing conduits at the building shall be completely removed.

2. DRAWING E20.1 – POWER AND SYSTEMS FLOOR PLANS

- a. All existing communications conduits that are being intercepted and rerouted will be empty. The Owner will remove all cables prior to Contractors work.
- b. The 4' x 6' hand hole being used for communications conduit rerouting is specified on Drawing C00.1 and shall be included under Division 32.
- c. The three ¾” emergency phone wiring and miscellaneous conduits should not be indicated as bold. These are existing conduits intercepted close to and rerouted into the new hand hole.
- d. Disregard stub conduits shown on left side of hand hole. Demolition of existing foundations and concrete slabs is indicated on Drawing A05.1, this work is not to be included in Division 26 filed-sub-bid.

CHANGES TO DRAWINGS

1. DRAWING P00.1 – LEGEND, SCHEDULES, DETAILS AND GENERAL NOTES

- a. General Notes – Add the following notes:
 - “6. At the Contractor’s option, John Dwyer with F.W. Webb Company (207) 541-3551 can be contacted to obtain a price to fabricate the flash tank detailed on drawing P00.1.”
- b. Delete Detail 1 and replace with sketch SKA01.

2. DRAWING P10.3 – ROOF PLAN DRAINAGE

- a. Delete notes (4 total) associated with the size of roof drains and associated storm drain piping and replace with the following:
“3 INCH SD DOWN, 3 INCH ROOF DRAIN”

3. DRAWING M00.1 – LEGEND, GENERAL NOTES & SCHEDULES

- a. General Notes – Add the following notes:
 - “11. In lieu of providing stop check valves at the low pressure steam boilers, redundant manual shut-off valves are shown in the steam main of each boiler on Drawing M20.1.
 12. For clarification, the existing #6 fuel oil storage tank is manufactured by Highland Tank, with a storage capacity of 25,000 gallons. The tank is 12’-0” in diameter and 29’-7” tall. Contractor to assume that the existing #6 fuel oil will be consumed to the greatest extent as practicable prior to the start of the tank cleaning. Tank to be emptied and cleaned to the greatest extent possible with any remaining oil removed and properly disposed of as hazardous waste.
 13. Any control valves not provided as part of a specific piece of equipment are provided by IB Controls for installation by the Contractor within the piping systems as identified on the mechanical drawings. IB Controls will size the control valves based upon Cv ratings and the Contractor will need to transition piping systems as necessary to match the valve sizes. Additionally, IB Controls is providing all steam and gas flow meters for

installation by the Contractor within the piping systems as identified on the mechanical drawings.

14. For clarification, the fuel oil transfer pumpset FOP-1 is scheduled on drawing M00.1 with model number, pump capacities and power requirements as required. The automatic fuel oil transfer pump set is a factory packaged, pre-engineered, pre-wired, and pre-plumbed system that includes pumps, industrial motors and accessories.
15. At the Contractor's option, John Dwyer with F.W. Webb Company (207) 541-3551 can be contacted to obtain a price to fabricate a 46" OD x 72" tall stainless steel condensate tank."

4. DRAWING M30.1 – TYPICAL BOILER SCHEMATIC DETAIL

- a. Remove the following from the drawing:
"Remove anti surge valve from fuel oil return line on typical boiler schematic detail."

5. DRAWING M30.3 – DETAILS

- a. Detail 4 – Add the following:
"Provide a fusible link safety shutoff valve in the fuel oil supply line, readily accessible inside the building immediately upstream of the duplex fuel oil filter."

6. DRAWING E05.1 – EXISTING CONDITIONS FLOOR PLANS

- a. Note for communications conduits between Woodbury Campus Center and the Boiler Plant; change "COMPLETELY REMOVED" to "COMPLETELY REMOVED (INCLUDING PVC CONDUIT RISING ON BUILDING WALL)".

7. DRAWING E20.1 – POWER AND SYSTEMS FLOOR PLANS

- a. Note for communications conduits between Woodbury Campus Center and new hand hole; change "CONNECT TO EXISTING AS REQUIRED" to "CONNECT TO EXISTING JUNCTION BOX AS REQUIRED".

8. DRAWING E50.1 – RISER DIAGRAMS

- a. Add one 1" underground conduit from transformer pad to metering system enclosure at panel MDP for wiring required for Woodbury Campus Center feeder CTs. make all connections as required.

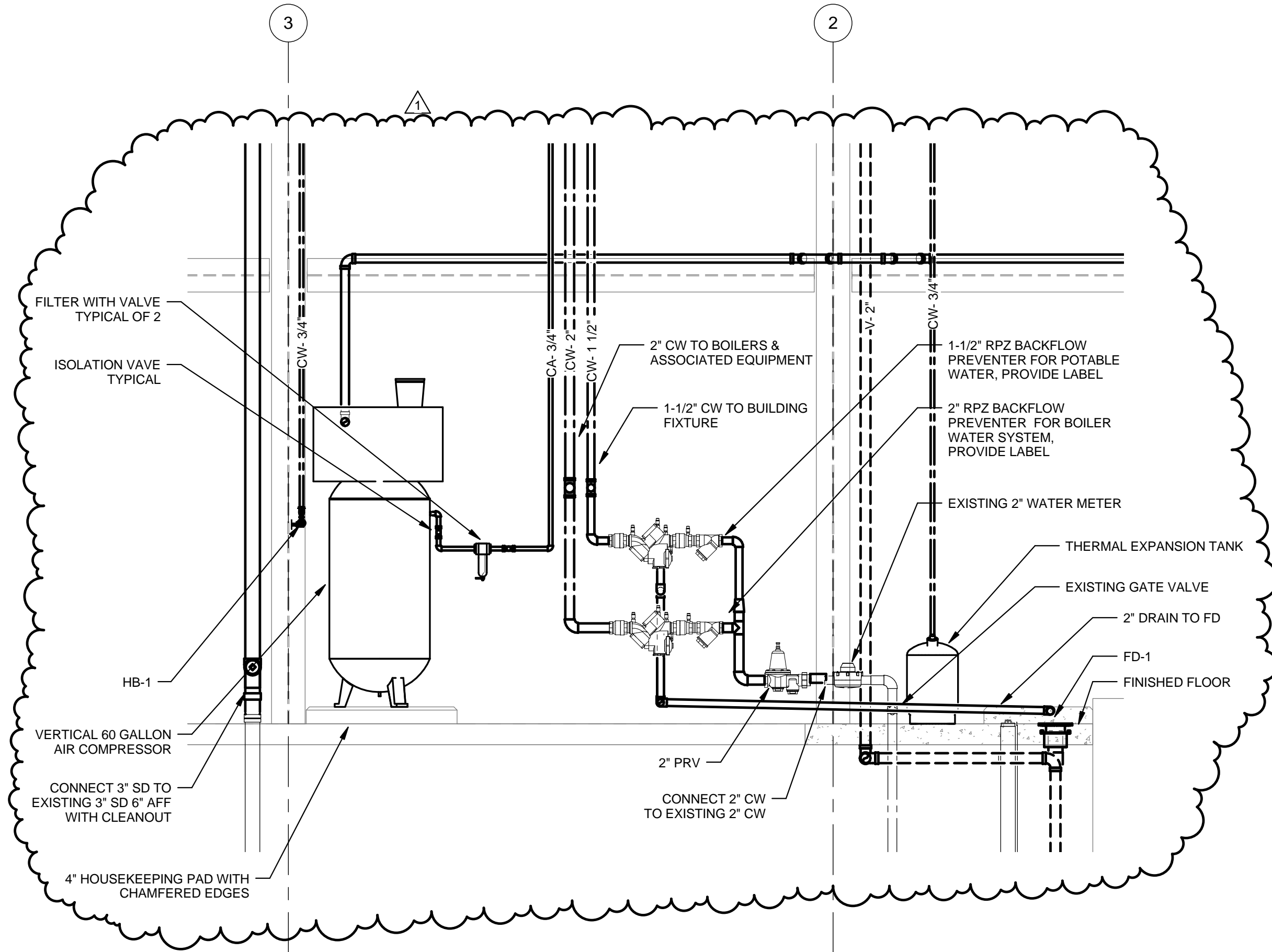
DRAWINGS ISSUED WITH THIS ADDENDUM, DATED 11/12/14:

1. DRAWING SKA01 – DOMESTIC WATER ENTRANCE DETAIL

UNIVERSITY OF
 SOUTHERN MAINE
 CENTRAL HEAT PLANT
 UPGRADES

PORTLAND, ME

HA Project No. 14411



Date	11/12/14
Scale	1/2" = 1'-0"

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DOMESTIC WATER
 ENTRANCE DETAIL

SKA01