Owner Project No. CP00386106 State Project No. H40-9509

ADDENDUM NO. 02

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

Acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the bidder to disqualification.

Attachments

Documents: MD101, M201.

General

- 1. Bidders are hereby advised that information from bid documents which are not received from the sources listed in the Invitation for Bids is not legitimate and the bidder accepts full responsibility for any differences. RMF Engineering, Inc. has not authorized the scanning of their documents. Bidders should be aware that the plans are copyrighted and any unlawful use is subject to legal action. Bidders are further advised that the purchase and/or use of partial bid documents is not recommended and bidder will be responsible for any discrepancies which might have been avoided had a full set of documents been reviewed.
- 2. All communication regarding this project shall be through RMF Engineering Inc. Project contacts David Crutchfield <u>david.crutchfield@rmf.com</u>; Brian Keiser <u>brian.keiser@rmf.com</u>; 843-971-9639.
- 3. Bid closing date is scheduled for October 29, 2014 at 2:00pm at University of South Carolina, 743 Green Street, Conference Room 57, Columbia, SC 29208. Late Bids will not be accepted as responsive.

Clarifications

- 1. There appear to be (4) field devices that require control wiring: (2) temperature sensors/probes (I/O points 7 & 8), (1) differential pressure switch (I/O point 2) & (1) automatic butterfly valve with solenoid/actuator (I/O point 1). Is this correct?
 - Response: Please refer to updated mechanical schematic attached to this addendum.
- 2. If control wiring is required, can you provide the type control wiring required for each device? We're assuming all control wiring from these field devices go back to the BCP (Boiler Control Panel)...is this correct?
 - Response: The boiler shall be provided with integral control panel which will control boiler operation. Please refer to updated mechanical schematic attached to this addendum.

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- 3. I can't readily see the control devices on the layout drawing. Can you provide locations for each of these devices, as well as, the Control Panel; or a nominal footage to use for bid purposes?
 - Response: Please refer to updated mechanical schematic attached to this addendum.
- 4. Are the point connections for 3, 4, 5 & 6 of the Input/Output Summary wired internal within the BCP? Is this Control Panel coming preassembled, prewired & preinstalled on the Boiler? Response: Yes. Please refer to updated mechanical schematic attached to this addendum.
- 5. Is a communication gateway cable required between the new BCP and the existing system's BMS Panel? If so, what type cable and how far will the run be? Response: No. The new Boiler will not tie into the existing BMS panel. Please refer to updated mechanical schematic attached to this addendum.
- 6. According to drawing M101 drawing note 5, only one 120V circuit is required to feed power to both the Boiler and the Boiler Recirculation Pump. Is this the intent? Response: Yes.
- 7. What type of conduit is required for the installation?
 Response: Please refer to Drawing Notes located on drawing M101.
- 8. Is there a Division 26 specification?
 Response: There is not a Division 26 specification. All electrical information is listed on drawing MD101 and M101.
- 9. Does the combustion air inlet and the flue gas outlet need to have a 45* fitting with a bird screen on the end to keep rain and varmints out?

 Response: The combustion air inlet shall be turned down with a 90 degree elbow and insect screen shall be provided over opening. The boiler flue outlet shall be turned down with a 45 degree elbow and insect screen shall be provided over opening.
- 10. What type valves are required for the four inch (4") heating water supply and return at the existing tie-in points? Looks to be gate valves that will be removed in the demo.

 Response: Gate valves shall be located at the existing system tie-in points. Please refer to updated mechanical schematic attached to this addendum.

Substitutions

1. Fulton Model EDR-1500 Condensing Hydronic Boiler Response: Not accepted.

Revisions to Project Manual

Item Title and Revision

1. Specification section 230530

The footer for specification section 230530 shall be changed from Mechanical and Electrical General Provisions to Basic Materials and Methods

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Revisions to Drawings

Item Title and Revision

- 1. M201 MECHANICAL SCHEMATICS
 - Update drawing M201 to show schematic modifications as indicated by revision #1, Addendum #2, dated 10-24-2014.
- 2. MD101 MECHANICAL/ELECTRICAL DEMOLITION

Update drawing MD101 to include domestic water valve demolition as indicated by revision #1, Addendum #2, dated 10-24-2014.

3. M101 – MECHANICAL/ELECTRICAL NEW WORK PLAN

Update drawing M101 to include domestic water valve as indicated by revision #1, Addendum #2, dated 10-24-2014.

END OF ADDENDUM NO. 2





