
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MCLAUGHLIN YOUTH CENTER
ANCHORAGE, ALASKA

MARCH 15, 2017

ADDENDUM NO. 2

TO: ALL PLAN HOLDERS

FROM: PDC ENGINEERS
David Apperson, Mechanical EIT
Eric Bridgman, Electrical PE

SUBJECT: REQUEST FOR PROPOSALS
McLaughlin Youth Center Boiler Renovation & Replacement

This addendum consists of:

1. Addendum document.
2. Drawing Attachments; **Mechanical Sketch-01 and Sketch-02**

Information in this addendum takes precedence over original information. All other provisions of the document remain unchanged.

Note to Bidders: Bidders are required to acknowledge this addendum on the proposal form.
The following additions, corrections, and changes are hereby made to the subject invitation to bid.

Note: Bid due date has been extended to 2:00pm March 30, 2017

CLARIFICATIONS; IN RESPONSE TO QUESTIONS:

1. **Question:** The new Riello RTC 6000 specified boiler height dimension according to the submittal sheet is 92" tall. The existing double door to access the boiler room has only a clearance of 84". Will we be required to remove the door trim and concrete to move this boiler into the room?

Response (PDC Engineers): Provide Riello RTC 5000, or PRE-APPROVED EQUAL. See Boiler Schedule changes below. Demolition of existing CMU not required, not recommended. Riello RTC 5000 height per cutsheet: 86.8 inches. Height from finished floor to bottom of CMU with door frame and flashings removed: 88 inches. See changes below to Sheet Notes associated with Boiler Room double-door.

2. **Question:** M201 sheet note 2 calls out to provide a sample and testing of the glycol and to drain and reuse. It is my understanding that this system is water only. Clarification.

Response (PDC Engineers): The system is treated water, no glycol. Storage of removed hydronic heating water not required.

CHANGES TO SPECIFICATIONS:**ITEM # CHANGES TO SPECIFICATIONS**

1. Sheet M002, **CHANGE** NATURAL GAS BURNER (B-1, B-2, B-3) to read, "RIELLO RS SERIES OR PRE-APPROVED EQUAL. BURNER MANUFACTURER FOR REFURBISHED B-1 AND B-2 BOILERS SHALL MATCH BURNER MANUFACTURER FOR NEW BOILER B-3 FOR OPERATION AND MAINTENANCE CONSISTENCY. ALTERNATE BOILER MANUFACTURERS ACROSS BOILERS IS NOT PERMITTED. ..."

CHANGES TO DRAWINGS:**ITEM # CHANGES TO DRAWINGS**

1. Sheet M004, Boiler Schedule; **CHANGE** Boiler B-3 row to read, INPUT (MBH) "5000", GROSS OUTPUT (MBH) "4700", BURNER ELECTRICAL HP "3", BASIS OF DESIGN "RIELLO RTC 5000", COMMENTS "PROVIDE RIELLO RS130/E LINKAGELESS MODULATING NG BURNER, NG GAS-TRAIN, AND ASSOCIATED BOILER SAFETIES AND CONTROLS."
2. Sheet M101, **ADD** Sheet Key Note 9, "DEMOLISH BOILER ROOM DOOR FRAME AND FLASHINGS, RETAIN EXISTING DOORS AND HARDWARE FOR REINSTALLATION. NOTE COLOR PRIOR TO DEMOLITION. PROVIDE TEMPORARY SECURE ACCESS DURING CONSTRUCTION."
3. Sheet M201, **ADD** Sheet Key Note 11, "PROVIDE NEW BOILER ROOM DOOR FRAME, FLASHINGS, AND SKID PLATE TO MATCH EXISTING 3'-2" W x 7'-0" H DOORS, STANDARD FIRE-RATED INSULATED STEEL DOOR FRAME. INSTALL PER MANUFACTURERS RECOMMENDATIONS. PAINT TO MATCH EXISTING MYC DOOR COLOR."
4. Sheet M201, Note 2; **CHANGE** to read, "PROVIDE TREATED HYDRONIC HEATING WATER SAMPLING AND TESTING TO OWNER PRIOR TO CONSTRUCTION. STORAGE OF REMOVED HYDRONIC HEATING WATER NOT REQUIRED."
5. Sheet E001, Mechanical Equipment Schedule; **CHANGE** B-3 load from 6300VA to 3960VA and change HP from 5 to 3.
6. Sheet E101, **ADD** sheet keynote 8 directed at panel (E) 4C location to read: "RE-USE EXISTING 20/3 AMP CIRCUIT BREAKER FOR THE NEW BOILER B-3".

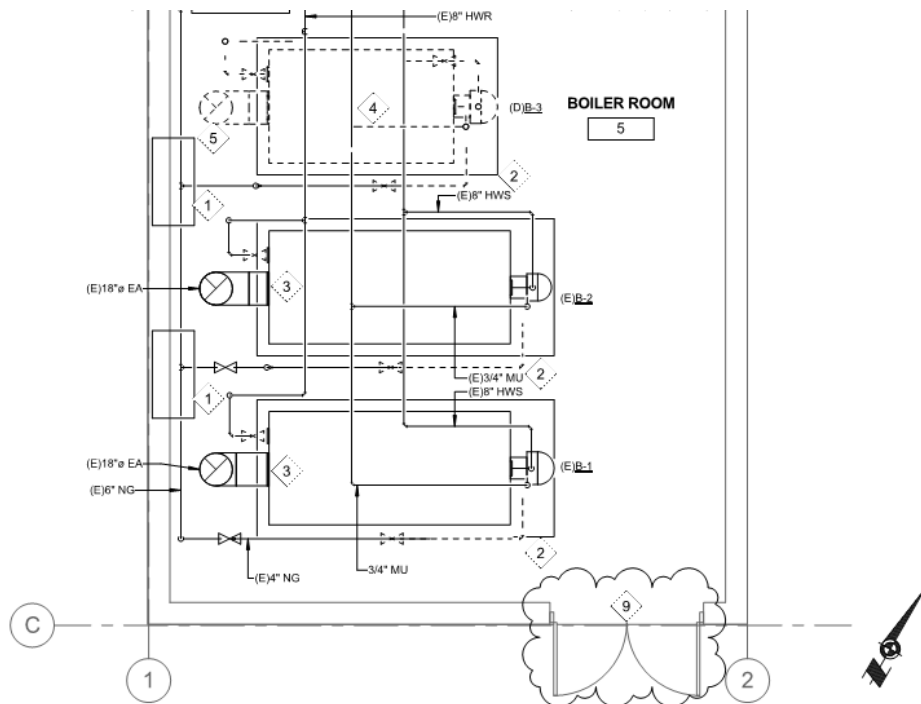
ATTACHMENTS:

1. Specifications: None.
2. Drawings: None.
3. Sketch: **Sketch-01, Sketch-02**

Issued by: Mark Moon, Project Manager

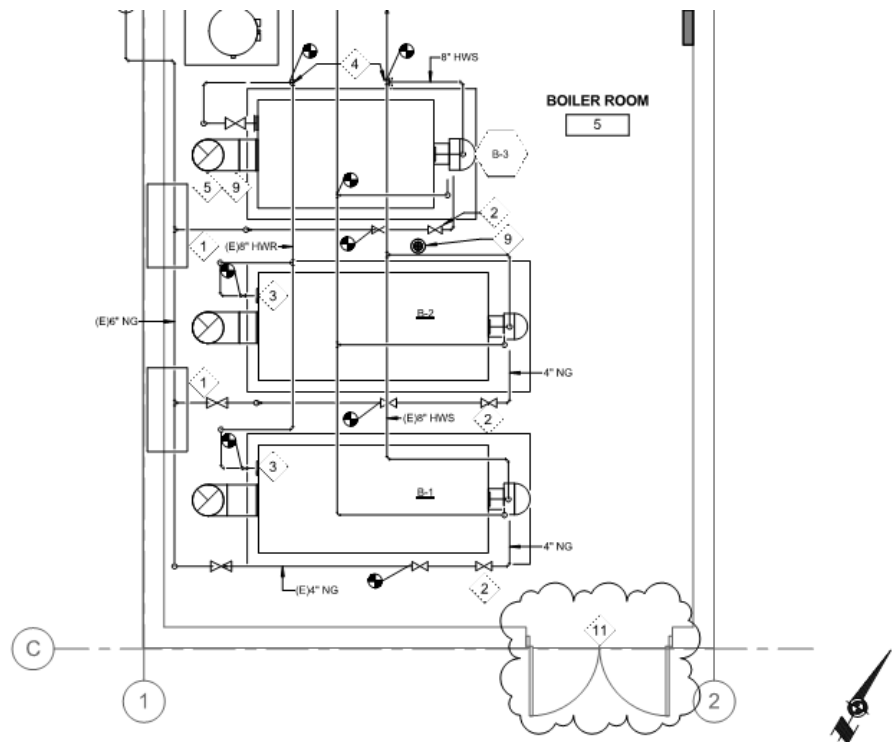
Issue Date: March 16, 2017

END OF ADDENDUM



1 MECHANICAL BOILER ROOM - DEMO
M101 1/4" = 1'-0"

Sketch-01



1 MECHANICAL BOILER ROOM - NEW
M201 1/4" = 1'-0"

Sketch-02