

**ADDENDUM NUMBER FOUR
FOR
DEPARTMENT OF VETERAN AFFAIRS
CHARLESTON, SOUTH CAROLINA**

**INSTALL SUMMER BOILER AND INSTANT WATER HEATER
PROJECT NUMBER: 534-10-105
LAI PROJECT NUMBER: 10502**

PREPARED BY:

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DATE OF ISSUE: February 22, 2012

TO: ALL BIDDERS OF RECORD

This Addendum modifies the Contract Documents only in the manner and to the extent stated herein and shown on any accompanying drawings and will become a part of the Contract Documents. Except as specified or otherwise indicated by this Addendum, all work shall be in accordance with the basic requirements of the Contract Documents.

BIDDERS SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY CONSTITUTE INFORMALITY IN THE BID.

This Addendum consists of five (5) pages including following enclosures:

I. ENCLOSURES:

1. Supplemental Drawing SD-1 regarding Signage Detail

II. GENERAL CLARIFICATIONS:

1. **TO CLARIFY**, burners on boilers shall comply with SC DHEC regulations. The boiler shown is the CB-LE.
2. **TO CLARIFY**, there are no conditions for boilers supported on concrete piers.
3. **TO CLARIFY**, the CRU detail at the top right corner on sheet P-2 shows the pump sitting on a concrete pad but the pad is not shown on the structural drawings; and therefore, a concrete pad is required at this location and shall be 6" thick, 4" all directions larger than equipment.

III. CHANGES TO SPECIFICATIONS:

1. Section 061000 Rough Carpentry – **TO CLARIFY**, the specification section for Rough Carpentry has been included as for items that may require such work within the project.
2. Section 092216 Non-Structural Metal Framing – **DELETE** Section in its entirety as it does not apply to this project.
3. Section 099100 Painting – **MODIFY** paragraph 3.9, subparagraph B as follows:
 - B. Interior and Exterior colors for walls, rails, door frames, etc. to be as follows, unless determined otherwise by COTR or Architect:

4. Section 101400 Signage – **TO CLARIFY**, signage shall be provided at the following locations and shall comply with the enclosed supplemental drawing SD-1:

Water Testing Room C104F
Fire Pump Room C104J

GC shall verify room naming and numbering with COTR.

5. Section 235239 Fire-Tube Boilers – **DELETE** the following sentence from paragraph 2.5, subparagraph A:

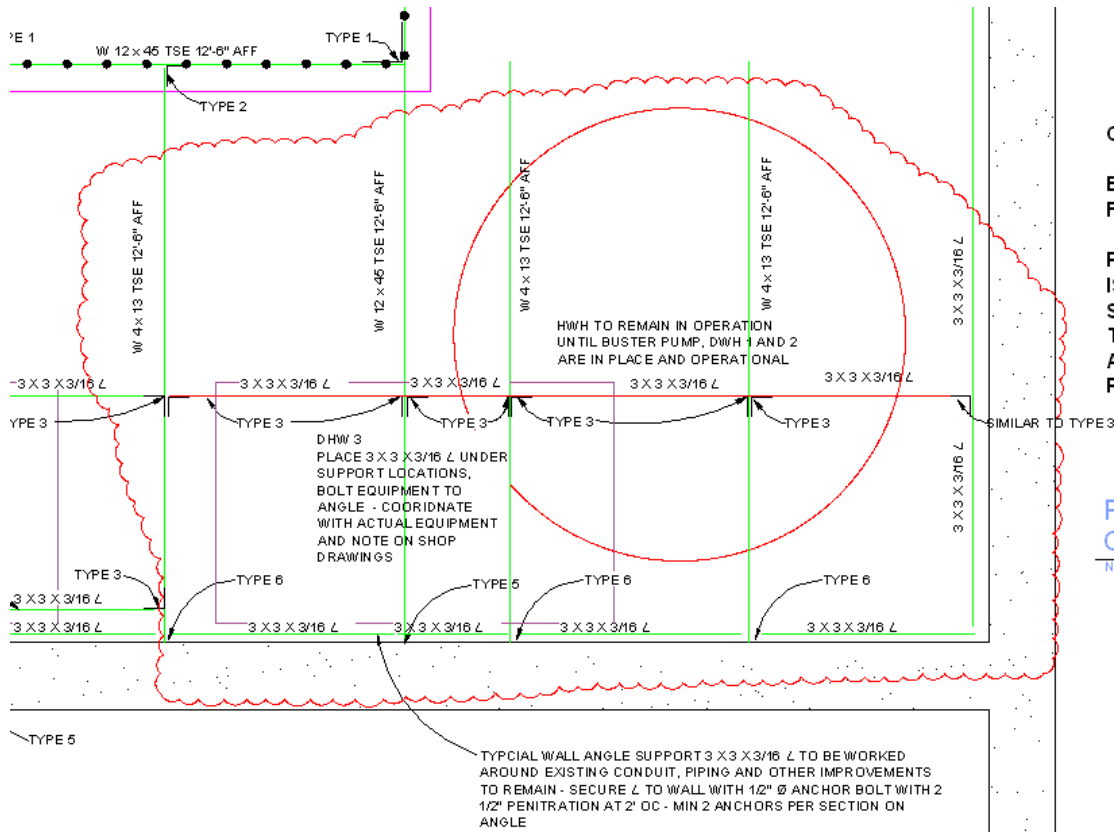
"Economizer shall be the condensing type with two coils."

IV. **CHANGES TO DRAWINGS:**

1. Drawing A-2 – **TO CLARIFY**, the extent of the epoxy floor finish identified by Construction Note 3 shall be the complete existing floor located within C104E (where Boilers #4 and #5 are located) but shall not extend past the new 8" CMU Concrete/CMU wall described as Construction Note 10 on A-2. In addition, Construction Note 5 describes new paint throughout the room (which includes but is not limited to floors, walls, concrete beams and columns, and ceilings) and is intended to be epoxy paint also per Specification Section 099115 Special Cleaning and Painting. However, if Bid Deduct Item # 2 is selected by the VA, the painting of walls and ceilings (only) shall be modified to meet the requirements of Specifications Section 099100 Painting. The requirement for painting of existing floor will be removed if Bid Deduct Item #2 is selected.
2. Drawing A-4 – **MODIFY** Construction Notes 5 and 7 as they are reversed; adjust accordingly.
3. Drawings A-5, DE-1, S-8, and S-9 – **TO CLARIFY**, new Stucco shall be applied to new construction as indicated by the rectangular areas of demolition and new construction on 1/A-5, S-8, and S-9. 9/DE-1 indicates limits of painting which align with stucco reveal joints as shown on 2/A-5. Note that the majority of the rectangular area of demolition and new construction on 1/A-5 will be comprised of a new rolling door, and several windows and louvers.
4. Drawing S-1 – **TO CLARIFY**, the raised platforms noted for demolition are steel post and beam with steel grating and are supported from the floor and braced from the walls. Coordinate all demolition with the mechanical and architectural drawings.
5. Drawing S-2 – **TO CLARIFY**, Specifications Section 033053, paragraph 2.3, subparagraph B states that no concrete shall be less than 4000 psi.

6. Drawing S-4 – **MODIFY** lower right portion of the Large Scale Phase 1 Plan to reflect the below:

Work shown in the below sketch is noted to support the DHW-3 to be installed after the removal of the existing HWH which is scheduled to occur in the second phase of the construction process. Modifications should also be added to 1/S-5. The support system shall be similar to that noted for the other two DHW Units 1 and 2.



CLARIFICATION 02-22-12

BUBLED AREA INDICATES CHANGE FROM ORIGINAL DRAWINGS

PROVIDE SUPPORT FOR DHW 3 THAT IS SIMILAR TO OTHER DHW UNITS - SEE DRAWING P-2 FOR LOCATION - THIS WORK WILL BE ACCOMPLISHED AFTER THE EXISTING HWH IS REMOVED.

PARTIAL LARGE SCALE PLAN ON DRAWING S-4

NTS

7. Drawings S-4, S-5, and S-6 – **TO CLARIFY** questions regarding indications of a 3x3x3/16 angle attached to the concrete wall along the perimeter; and a "Type 6" connection labeled at the same locations indicating a 4x4x1/4 angle per sheet S-5:

The referenced angles are noted at different locations and both are correct – the 3x3 angle is to support the grates at all edges along walls and at openings as required and 4x4 angle is to support the 4x13 beams

8. Drawing S-5 – **TO CLARIFY**, please note the following:

The floor thickness at detail 3/S-5 is 6" as dimensioned not as thickness referenced in note. The reinforcement will be as referenced in note.

The 1'-8" high embed plates shown on the Type 4 and Type 5 connection details are to be 12" wide and 3/4" thick.

9. Drawing S-6 – **TO CLARIFY**, please note the following:

The 3x3x3/16 angle shown on the west side of the mezzanine is intended to support the grates at all edges along walls and openings as required.

The W12x58 beam located near the northeast side of the mezzanine extends from concrete wall to concrete wall with bearing conditions Type 5.

The Typical Bearing Connection for all W12x58 beams shall be per either detail Type 5 or 6.

10. Structural Drawings – **MODIFY** all W4X13 members to W6X16; connections to remain the same; adjust elevations as required to maintain stated finish floor elevation.
11. Drawing G-2 –

ADD the following information to General Notes:

4. Valve sizes for the reduced port PRV's are:
PRV 1- 1.5 "
PRV 2- 2.5"
PRV 3-2"
PRV 4-2.5"
5. Pipe sizes for the steam traps should be 1"
6. Pipe sizes for the steam mains where PRV's are to be installed are shown on G-4.

TO CLARIFY, please note the following:

Water and steam do not tie together. Simply shows a capped connection that could be used to fill system.

Instrument taps to be 1/2" connection.

12. Drawing G-4 and G-8 – **TO CLARIFY**, the propane system is entirely new (except VA will lease tanks).

V. SUBSTITUTION REQUESTS:

1. None.

END OF ADDENDUM TWO