

ADDENDUM #2

(MECHANICAL/ELECTRICAL)

Date:	08/07/13	To:	DPW
Job Number:	ME #12-249		502 N. 4th Street P.O. Box 83720
Prepared By:	Dave Asmus		Boise, Idaho 83720-0072
Sheet:	1 of 7	Attention:	Kelly Berard

Project: DPW #13605 – Boise Veterans Home – Replace Fan Coils

NOTICE TO BIDDERS: THIS ADDENDUM IS HEREBY MADE A PART OF THE PROJECT REQUIREMENTS AND CONTRACT DOCUMENTS FOR THE PROJECT REFERENCED ABOVE.

1. Plans and Specifications - Bid Alternate Numbering and Associated Scope of Work:

General Comment:

The Base Bid Scope of work is to remain as indicated on the plans and noted in the specifications. All references to the Bid Alternate Numbering and associated Scopes of Work shall be modified from what is indicated on the plans and in the specifications to this revised Bid Alternate Numbering and associated Scope of Work.

Bid Alternate #1: Remove and replace the existing hot water fan coil unit with a new hot water fan coil unit in resident room (FC-111). The new fan coil unit shall be provided with an "ECM motor" and provide unit with new hose kits.

Bid Alternate #2: Remove and replace the existing hot water fan coil unit with a new hot water fan coil unit in resident room (FC-110). The new fan coil unit shall be provided with an "ECM motor" and provide unit with new hose kits.

2. Plans:

A. Sheet M3.1 Fan Coil Unit Schedule – Note 1 Approved Alternate Manufacturers:

The following manufacturers shall be added to the Approved Alternate Manufacturer list as noted under the Fan Coil Unit Schedule. Final approval of all equipment shall remain based on requirements of the plans and specifications.



MUSGROVE ENGINEERING, P.A.

234 S. Whisperwood Way
Boise, ID 83709
Phone: 208.384.0585
Fax: 208.384.0765
www.musgrovepa.com

OVER 35 YEARS OF ENGINEERING EXCELLENCE

Description and Manufacturer

Fan Coil Units - Trane

First Company

IEC

B. Sheet M3.1 Fan Coil Unit Schedule – Delete remarks “Note No. 3”. Add remarks “Note No. 5” to all scheduled fan coil units.

3. Specifications:

A. Section 01230, Part 3, 3.1 Schedule of Alternates Please replace the existing shall read:

Bid Alternate #1: Remove and replace the existing hot water fan coil unit with a new hot water fan coil unit in resident room (FC-111). The new fan coil unit shall be provided with an “ECM motor”, and provide with new hose kit.

Bid Alternate #2: Remove and replace the existing hot water fan coil unit with a new hot water fan coil unit in resident room (FC-110). The new fan coil unit shall be provided with an “ECM motor”, and provide unit with new hose kit.

B. Section 15300, Part 2.4, Piping Systems Cleaning & Chemical Treatment – Replace “A.” “Chilled Water Piping System Cleaning and Chemical Treatment: with the following:

A. Chilled Water Piping Cleaning & Chemical Treatment:

1. The Mechanical Contractor shall fill the West wing chilled water piping system with clean fresh water prior to cleaning and thoroughly leak check system piping. A qualified water treatment contractor shall be utilized to furnish the cleaning material and supervise the flushing and treatment of the system. Approved water treatment contractors must show proof of similar service for not less than 3 years, and shall have full-time service personnel located within one-hour from the job site. A cleaning and passivating agent supplied by the Chemical Treatment Contractor shall be added to the system at the direction of the Treatment Contractor during the leak check process to minimize initial corrosion. If the system is filled multiple times during the leak check and repair process the Mechanical Contractor shall coordinate with the Treatment Contractor to maintain this initial protection. The Treatment Contractor is responsible for providing chemical for up to two refills of the system. If additional chemical is required due to multiple refilling's the Mechanical Contractor shall be responsible for the additional time and chemical.
2. The Mechanical Contractor shall close isolation valves at each chilled water coil and open the bypass valve to prevent flow through the strainer, flow control device and coil during the initial flushing and subsequent cleaning. The side stream filter bag shall be removed during the initial flushing process.
3. Following leak check the closed system shall be flushed by the Mechanical Contractor until the leaving water runs clear. All primary runs shall be flushed at their ends to obtain maximum sweep of debris from the system. The inlet screens on the

Copied To: File

Signed: Dave Asmus



MUSGROVE ENGINEERING, P.A.

234 S. Whisperwood Way
Boise, ID 83709
Phone: 208.384.0585
Fax: 208.384.0765
www.musgrovepa.com

OVER 35 YEARS OF ENGINEERING EXCELLENCE

circulating pumps must be kept clear during this initial cleaning process and inspected following cleaning. When flushing is complete the system is to be left full. The water treatment contractor shall insure that the system not be left dry during system drain-on.

4. Prior to flushing the Mechanical Contractor shall coordinate with Treatment Contractor so that the Treatment Contractor can be available immediately following flush to add cleaning chemical within 4 hours to prevent initial corrosion.
5. Following initial flushing the Chemical Treatment Contractor shall refill the West wing systems with cleaning and passivating agents raising the PH to a minimum of 10, circulate for a minimum of 8 hours and flush until thoroughly clean. All primary piping runs shall be flushed at the ends during this cleaning process. The side stream filter bags shall be inspected during cleaning and changed as required. Cleaning shall continue until these bags no longer show signs of debris.
6. Following cleaning process the Treatment Contractor shall close the bypass valves at each chilled water coil and open isolation valves for normal operation and check for leaks. The bypass valve handle shall be removed and tied to the valve. A clean bag filter shall be installed in the system.

The water treatment contractor shall refill system with a mixture of clean water and chemical inhibitor. Add nitrite to system to maintain a nitrite level of 800-1000 ppm. Test for nitrite using a "Drop Test" kit.

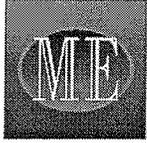
7. The Treatment Contractor shall provide final inspection report for inclusion in the Operation and Maintenance Manual. Additionally the Treatment Contractor shall take loop samples approximately 12 months following completion, add or adjust chemical as required and provide a post construction report to the owner prior to warranty closeout. Chemical required is the responsibility of the Treatment Contractor.

4. General:

1. Existing lay-in ceiling tiles that are removed shall be re-installed. If tiles are damaged during fan coil change out, the mechanical contractor is responsible to replace tiles to match existing as close as possible.
2. See new attached "Bid Proposal".
3. The "Base Proposal" and "Alternate Bid" items as denoted on the revised attached Bid Proposal shall take precedence over all similar notations on the Bid Document Plans and Specs.
4. Equipment Substitutions – equipment substitutions are allowed only if equipment is prior approved. A list of prior approved equipment is incorporated in this addendum. NOTE: maximum depth allowed for fan coil units is 11 inches.
5. New fan coil units will not be directly connected to the outside air. No balance dampers are required.
6. Existing control valves are to be re-used.
7. Existing shut-off valves are to be used to shut-off water during unit change-out.

Copied To: File

Signed: Dave Asmus



**MUSGROVE
ENGINEERING, P.A.**

234 S. Whisperwood Way
Boise, ID 83709
Phone: 208.384.0585
Fax: 208.384.0765
www.musgrovepa.com

OVER 35 YEARS OF ENGINEERING EXCELLENCE

8. Client room furniture and resident belongings must be protected from damage in the area of work. Move out of way and protect with Visqueen or equal. Areas of work must be cleaned daily.
9. Provide all new fan coil units with new hose kits for both supply and return for heating and cooling. Provide hose kits with new strainer, isolation valves and pressure independent balance valves.
10. See attached Pre-Bid "Sign-In Sheet" and Plan Holders List.

END OF ADDENDUM NO. 2

A copy of the Pre-Bid sign-in sheet and Plan Holders List is attached to this Addendum for everyone's information.

BID PROPOSAL Revision #1
(Revised August 7th and used as part of Addendum No.2)

TO: STATE OF IDAHO
DIVISION OF PUBLIC WORKS

Gentlemen:

The Bidder, in compliance with your Invitation for Bids for the construction of DPW Project No. 13605, Idaho Division of Veteran Services, Replace Fan Coil Units, Resident Rooms, West Wing, Boise, Idaho, having examined the bidding and Contract Documents and the site of the proposed Work, and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies and to provide the service and insurance in accordance with the Contract Documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents.

Bidder hereby agrees to commence Work under this Contract on a date to be specified in the written "Notice to Proceed" of the Owner and to substantially complete the Project within 150 consecutive calendar days thereafter, as stipulated in the specifications. Bidder further agrees to pay as liquidated damages, the sum of \$100.00 for each consecutive calendar day after the established substantial completion date or adjusted date as established by change order.

Bidder acknowledges receipt of Addenda No. _____
(List all Addenda)

BASE PROPOSAL: Bidder agrees to perform all of the base proposal Work described in the specifications and shown on the plans (Replace 23 fan coil units with ECM motors) for the sum of:

_____ Dollars (\$ _____)
(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Alternate No. 1: Remove and replace the existing hot water fan coil unit with a new hot water fan coil unit in resident room (FC-111). The new fan coil unit shall be provided with an "ECM motor", and provide with new hose kit.

Add the sum of _____ Dollars (\$ _____)

Alternate No. 2: Remove and replace the existing hot water fan coil unit with a new hot water fan coil unit in resident room (FC-110). The new fan coil unit shall be provided with an "ECM motor", and provide unit with new hose kit.

Add the sum of _____ Dollars (\$ _____)

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The bidder agrees that this bid shall be good for a period of forty-five (45) calendar days after the scheduled opening time for receiving bids.

Upon receipt of written Notice of Intent to Award of this bid, Bidder will execute the formal Contract within ten (10) calendar days and deliver a Surety Bond or Bonds as required by paragraph "Performance and Payment Bonds" first page (ITB-1) of the Instructions to Bidders.

PROJECT: DPW # 13605 - Replace Fan Coil Units - VETB
 ME Job No.: 12-249

Bid Date: Aug. 8, 2013 until 2:00 p.m.
 Deposit: \$50.00
 Pre-Bid Conference: 7/25/13 at 9:00 a.m.

BID SET NO.	COMPANY	PHONE #	FAX #	email address	DATE SET & CHECK RETURNED
1	AGC - Boise	344-2531	343-5321	kwade@idahoagc.org	
2	DPW - Kelly Berard	332-1925	334-4031	kelly.berard@adm.idaho.gov	
4	Blueprint Specialties	377-0294		shawn@bppsboise.com	
5	Arch of Idaho	342-4141	343-5894	boise.print@e-arc.com	
6	Idaho Veterans - Dave Challe			challed@veterans.idaho.gov	
7	Drake Mechanical - Fred Roberts	362-6200		fred@drakemech.com	
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					

