



November 22, 2011

VA Medical Center – Wade Park
Engineering Services,
10701 East Blvd Mail code Eng 138(A)
Cleveland, OH 44106

Attention: Steve Barlow

Regarding: VA Energy Conservation Upgrades – AMENDMENT 03

Mr. Barlow,

Please incorporate the following mechanical and electrical items in an upcoming amendment for the above referenced project.

Specification Items

A. Specification Section 01 00 00: *(Spec not re-issued)*

1. Delete Item B. BID ITEM 2 on the Bid Alternate schedule. Include all work indicated on sheet 2-H3 in the lump sum Base Bid Price for Bid Item 1.

B. Specification Section 02 82 11:

1. Delete this section, in its entirety.

C. Specification Section 23 64 00: *(Spec re-issued)*

1. Replace this section, in its entirety.

General Items

D. Drawing 1-AA1: *(Sheet re-issued)*

1. Delete the following abatement items from the schedule: 4. Fireproofing, 5. Duct Insulation, and 6. Soil.
2. Deleted references to sheet 1-AA2 from coded notes.

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ENGINEERS INCORPORATED

Mechanical Items

E. Drawing 2-H2:

1. Delete this sheet, in its entirety. Eliminate all ATU testing from the scope of this project.

F. Drawing 2-H3: *(Sheet not re-issued)*

1. Delete Item B. BID ITEM 2 on the Bid Alternate schedule. Include all work indicated on sheet 2-H3 in the lump sum Base Bid Price for Bid Item 1.

G. Drawing 5-H2: *(Sheet not re-issued)*

1. Chiller revision will change pipe layout. Evaporator and condenser barrel is now 2 pass, pipe connections are made on one end of each barrel. Contractor to layout piping to maintain new and existing equipment clearances and new chiller tube pull clearance. Submit piping layout prior to pipe fabrication for approval.

H. Drawing 5-H6: *(Sheet re-issued)*

1. Added 8" HP steam pipe to insulation scope.
2. Added coded note 6.

I. Drawing 5-H7: *(Sheet re-issued)*

1. Delete coded 4.
2. Remove 4" CHWS&R from insulation scope.

J. Drawing 5-H9: *(Sheet re-issued)*

1. Revise chiller schedule.

Electrical Items

K. Drawing 5-E2: *(Sheet re-issued)*

1. Refer to revised drawing 5-E2 for location of existing Substation EC3 - Section B and associated new electrical conduit path. The current Shell 112 walls are shown with the new location of panel 'DPE3'.

2. Refer to revised drawing 5-E2 for new feeder and breaker sizes for PCH-1 & PCH-2 on the equipment connection schedule.

L. Drawing 5-E4: (*Sheet re-issued*)

1. Refer to revised drawing 5-E4 for modified one-line diagram showing both existing Substation EC3 - Section A & B.
2. Refer to revised drawing 5-E4 for modified breaker and feeder size for PCH-1 & PCH-2.

Please contact us with any questions.

Sincerely,
Fredrick, Fredrick & Heller Engineers, Inc.

David Demagall

David Demagall, PE

Attachments:

Specification Section 23 64 00
Drawing Sheet 1-AA1
Drawing Sheet 5-H6
Drawing Sheet 5-H7
Drawing Sheet 5-H9
Drawing Sheet 5-E2
Drawing Sheet 5-E4