

VA Iowa City 60201421

Ellerbe Becket/

AECOM

Response to Contractor Questions 2014.08.15

636-14-2-4111-0009 | Construction | Relocate Surgical Operating Rooms | VAMC Iowa City

1. Drawing 1-MH601 Air Handling Unit Schedule indicates basis of design "factory packaged rooftop air handling unit"

- a. Provide clarification on whether the AHU will be entirely packaged with controls.

RESPONSE: The factory packaged rooftop air handling unit will be provided with unitary (packaged) controls.

- b. In regards to the AHU- Would it be acceptable to provide an AHU with a remote condensing unit that would allow for full BAS controls?

RESPONSE: No

2. Will the overloads for the four (4) supply fan and four (4) return fan motors be supplied by the AHU manufacture or the VFD manufacture?

RESPONSE: Drives will be provided with the AHU, especially since these units are fan walls units with multiple fans controlled by one or more drives

3. On the Fan schedule on sheet MH602 the BHP for the four (4) supply fans is 12hp. (4 x 12 = 48hp).

- a. Would it be fair to say the AHU manufacture be supplying four (4) 15hp motors since they do not manufacture a 12hp motor?

RESPONSE: YES, this is a matter for the manufacturer to coordinate.

- b. For proper operation this should be a 60hp drive instead of the 50hp drive called out in the schedule. (15x 4 = 60hp).

RESPONSE: Agreed a 60 hp drive would be acceptable, however please understand the drives are being provided by the equipment manufacturer and it is their responsibility to coordinate.

4. Will the drives be in a controlled environment and can be in a NEMA 1 enclosure or mounted outside and will it need to be in a NEMA 3R out door enclosure?

RESPONSE: The NEMA 3R enclosure will be provided by the packaged rooftop manufacturer.

5. Sheet 1-E603 there is a note 3 to motor schedule. Note deals with alternate # 5, there is no Alternate # 5.

RESPONSE: There is no Alternate #5. Note 3 on Sheet 1-E603 should be deleted.

6. As detailed on Sheet 1-SS901, #3, #4, #5, #6 & #7 the design content is calling out a completely welded system. Can a proven bolted system be substituted in lieu of the welded system?

RESPONSE: A welded system as designed should be bid. A commercially engineered system equal to Healthcare Technology Corporation, 300 series Header Mount system would be acceptable. Conventional Uni-strut system is not acceptable. All systems will be required to meet the vendors maximum deflection test.

7. Will the detailed vendor drawings, (Skytron & Philips), showing design loads be added as an Addendum?

RESPONSE: Answer will be posted later in an amendment.

8. Alternate #4 talks about the medical gas system. Does this pertain to room 3W103C on the new finish schedule

RESPONSE: YES

9. In the Finishes the architect has chosen Sherwin Williams Harmony line.

RESPONSE: The Sherwin Williams Harmony product is "brand name or equal," meaning you are free to utilize any equivalent product.

10. On Sheet E401 and E701 there is an apparent discrepancy with the Alternate number references.

RESPONSE: Architects currently reviewing and determining what, if anything needs to be corrected. Answer will be posted later in an amendment.

Pre-bid conference questions not submitted in writing.

1. Lighting fixture sheet shows pictures of fixtures. No model numbers.

a. This is from VA standards.

b. It is as non-proprietary.

RESPONSE: No change required to the bid documents.