



ENGINEER'S COMMENTS

VA Learning Exchange – Phase 2
FF&H Project No. **12027**

Response to attached comments:

Description: Addendum 01

Date Received: 2013/07/11

Comments:

Question 1: Refer to drawing 1-M7 updated in Addendum 1 for response.
Question 2: Refer to drawing 1-E4 and 1-E6 updated in Addendum 1 for response.
Question 3: Refer to drawing 1-E2 updated in Addendum 1 for response.
Question 4: Refer to drawing 1-E4 updated in Addendum 1 for response.
Question 5: Refer to drawing 1-E4 updated in Addendum 1 for response.
Question 6: Refer to drawing 1-M3 updated in Addendum 1 for response.
Question 7: Refer to drawing 1-M3 updated in Addendum 1 for response.
Question 8: Refer to drawing 1-M3 updated in Addendum 1 for response.
Question 9: Refer to drawing 1-M3 updated in Addendum 1 for response.
Question 10: Refer to drawing 1-M3 updated in Addendum 1 for response.
Question 11: Refer to drawing 1-M3 updated in Addendum 1 for response.
Question 12: Refer to drawing 1-M3 updated in Addendum 1 for response.

By:

Name: Joseph Farley

Date: 2013/07/11



FACILITIES AUTOMATION DIVISION

3847 Crum Road, P.O. Box 4209

Youngstown, Ohio 44515-0209

(330) 793-5571

1-800-USA-ROTH

FAX: (330) 799-3369

www.rothbros.com

6/26/13

VA Upgrade Learning Exchange – Phase 2 – Technical Questions

- Regarding: Drawing 1-M7 – VAV box space temperature sensor locations.
Question: The space temperature sensor locations for VAV-26, VAV-28 and VAV-29 are not shown. Where should they be located?
- Regarding: Drawing 1-E4 and 1-E6 – Power for VAV-35.
Question: The power/J-box for VAV-35 is not shown on drawing 1-E4; however it is listed on the “LPC” panel schedule on drawing E6. Is the electrical contractor going to provide the power/J-box?
- Regarding: Drawing 1-E2 – VAV box occupancy sensor locations.
Question: The occupancy sensor locations for VAV-9, VAV-22 and VAV-24 are not shown. Where should they be located?
- Regarding: Drawing 1-E4 – VAV box occupancy sensor locations.
Question: The occupancy sensor locations for VAV-6, 7, 26 thru 29, and 32 thru 35 are not shown. Where should they be located?
- Regarding: Drawing 1-E4 – VAV box occupancy sensor symbols.
Question: The occupancy sensors for VAV-4, 5, 30, 31 and 36 have a symbol “R”, not an “H”. Are these sensors to be used for HVAC switching even though the symbol is different?
- Regarding: Drawing 1-M3 – General Controls Notes – Note E – “Interface with existing Andover...”.
Question: What is the intent for the Learning Exchange (LE) building to communicate with the main hospital building? Will the new 541-10-1014 riser have a connection in the LE Building? Please elaborate.
- Regarding: Drawing 1-M3 – General Controls Notes – Note F – “...monitor steam BTU meter...”.
Question: What is the intent for the steam BTU meter? Provide quantities and locations as well as all data required to appropriately size the meter. Please elaborate.
- Regarding: Drawing 1-M3 – General Controls Notes – Note G – “...monitor chilled water BTU meter...”.
Question: What is the intent for the chilled water BTU meter? Provide quantities and locations as well as all data required to appropriately size the meter. Please elaborate.
- Regarding: Drawing 1-M3 – General Controls Notes – Note H – “...from sewage ejector...”.
Question: Provide quantities and locations as well as all data required to appropriately monitor. Please elaborate.
- Regarding: Drawing 1-M3 – General Controls Notes – Note I – “...from electric condensate...”.
Question: Provide quantities and locations as well as all data required to appropriately monitor. Please elaborate.
- Regarding: Drawing 1-M3 – General Controls Notes – Note J – “...of decontamination tank...”.
Question: Provide quantities and locations as well as all data required to appropriately monitor. Please elaborate.
- Regarding: Drawing 1-M3 – Utility Metering diagram.
Question: Provide quantities and locations as well as all data required to appropriately size the gas, water and electric meter. Please elaborate.