

Project No. 542-09-121, Building 3
"Construct Imaging Suite & Outpatient Services"
VA244-12-B-0080
COATESVILLE, PA

RESPONSES TO BIDDER RFIs

1. AE700.2 window schedule states windows as being hollow metal. AE607 shows details for an aluminum window system. Is a window spec section going to be issued to clarify this?

Response:

The exterior windows are to be aluminum and the interior borrowed lights are to be hollow metal to match door frames.

2. Demolition drawings show specific electrical items to be removed but do not mention conduits. Are they to remain?

Response:

No, they are to be removed and replaced with new conduits.

3. Is there going to be a specific lay-down area?

Response:

If referring to the staging area, it will be discussed at the notice to proceed.

4. Subcontractors are having problems obtaining disk for drawings. Will the bid date be extended due to this?

Response:

No.

5. Project drawings and specification indicate 2 different elevators, traction and hydraulic. Which is to be used?

Response:

Furnish and install dual piston hydraulic Elevator system indicated on the Drawings.

6. I can't tell if the owner or the GC is responsible for providing the Commissioning Agent for this project. We are interested in bidding any building commissioning that might be required, but it is unclear who is responsible. There are references to section 01 91 00 for General Commissioning Requirements, but I could not find that sections anywhere in the documents posted.

Response:

VA will provide a Commissioning Agent. See MEPFP specification sections for requirements to be met by subcontractors and contractor.

7. There are no add alternates include on price schedule. Drawings AE201.3 and AE201.4 call for add alternates. Are these 2 drawings part of base bid or will a new price schedule be

issued?

Response:

Drawings provide a description of the work; refer to Statement of Bid Items in the Specification for the listing of alternates.

8. Will work being done on existing roof nullify your warranty?

Response:

Work is to be coordinated with the existing warranty provider to continue full warranty period.

9. AE111 calls for partition #46 on corridor side of X-Ray #1 and 3. AE206.1 note A7 calls for running bond to match. What type of wall is this?

Response:

Partition is type #46. Sheet AE206.1 Note A7 incorrectly describes running bond – it should denote handrails.

10. We are bidding the Web Based DDC and the Building 3 projects, but both have totally different specs for the HVAC/Controls systems to be used. The Web Based DDC spec parameters call out for this to be Bacnet and a Tridium front end, using Tridium as the standard, but the Building 3 project spec does not move the VA to that same system and could add yet another front-end depending upon who gets the work. Leading to the same issues that are trying to be corrected with the Web Based DDC project.

Would it be a good idea that before either of these projects bid to get the specs to coincide with the overall system the VA is trying to accomplish?

Response:

The DDC project calls for communication over BACNet. This project calls for Building 3 to communicate with the existing Johnson Controls system in Building 17 via BACNet. Based on this, what goes in Building 3 should be able to communicate with what is installed as part of the DDC project. The DDC project has the existing equipment in Building 3 being tied in with new controllers as part of this project. Our project demolishes and/or replaces all those controllers as well. The VA will coordinate the installation between the two projects. Likewise, if the DDC project gets to the building first we need to reuse those new controllers as feasible.

11. Our question surrounds specification section 23 09 23, Direct Digital Control System for HVAC:

a. At the pre-bid meeting for solicitation VA24413B0164, Web-based DDC, bidders were informed that the DDC specification for the project is the new standard for work at the VA Coatesville. The Web-based DDC project is bidding concurrently with the Bldg 3 solicitation. The specification for the web-based DDC project describes an open DDC system architecture using the Niagara Ax platform from Tridium. The specification for the Bldg 3 project does not require the use of the Niagara Ax platform, but is written as an extension of an existing Johnson Controls system, with Siemens Apogee as another approved manufacturer. Under the current specification, it is very likely that the successful BAS contractor will not install a system that complies with the standards intended from the VA24413B0174, Web-Based DDC project. Will the specification for solicitation VA24413B0164, Web-based DDC, replace the current specification in the solicitation for Bldg 3, or are the requirements of the project unique enough to warrant a stand-alone system?

Response:

See response to No. 10 above.

b. Section 1.4, A, 5: We request the elimination of the last sentence in this paragraph. This sentence limits competition only to manufacturer-owned branches, eliminating competition from any independent and otherwise fully-qualified controls contractor.

Response:

Section will remain as written.

12. Are we required to provide hospital grade receptacles on this project? If so which rooms get hospital grade receptacles? The drawings don't show them.

Response:

Hospital grade receptacles are required everywhere except corridors, lobbies, storage rooms, offices, waiting rooms, and break rooms.

13. Drawing E-114, power plan tag note 6. Three junction boxes for future MRI connection: The first one has us installing 1- 36" x 36" x 12" NEMA 3R with 4" conduit and power conductors from existing panel MDP. When you go to the existing MDP panel schedule there is nothing shown for the future MRI. There is one in the new NMDP panel for the future MRI. Which is correct? The conduit sizes are different from the note on drawing E114 and the one

line drawing. Please clarify?

Response:

Future MRI is served from 'NMDP', the correct conduit size should be 4 inch.

14. Drawing E-116, third floor power plan. The HVAC unit 3-AH-3 and the VFD beside it. Are these new? If so we need conduit and wire sizes for this unit.

Response:

These are new and are served by the adjacent disconnect labeled 3-SF3. Conductor and conduit sizes for 3-SF3 can be found in the Equipment schedule on sheet E-612. Use the same sizes from disconnect to VFD and VFD to air handler.

15. Type 33 wall is called out for in trash room 1-116. This wall type is arch.concrete. Is this correct?

Response:

No. Wall type is 34. Also, provide a 4'length of this wall running North to the exterior wall.

16. Where are the structural drawings for Ramp to MRI AE201.3?

Response:

See Notes for Slab on Grade Sheet S110.

17. Exterior wall at ramp column line 0.1 between K & CW-0 calls for 34A. What is wall type 34A.

Response:

Wall tag should read 33 NOT 34A. Also, the wall along Col. Line CL between K and CW-D is similar type 33.

18. What type of ceiling is at elevator lobbies? The same plan look is shown at ramp to mri, entrance to corridor 105, vestibule, and entrance.

Response:

Graphic Symbol denotes: Wood-look finish perforated random width metal slat ceiling system.

19. Stair S-103 shows gypsum on AE112.2 and C-1 acoustical on AE113. Which is correct?

Response:

Gypsum Ceiling

20. I am continuing to have problems with the finish plan and the reflected plan. There are quite a few rooms that do not match. In lieu of pointing out all the rooms I suggest that someone scrub these two plans.

Response:

Must provide a question for response.

21. There seems to be some conflicting time between the when the bid docs were to be posted online, and when the only walk-thru was scheduled. Since the drawings for this project had to be distributed via CD mail, it took some extra time to distribute to subcontractors. Is there a possibility to schedule a new walk-thru now that most trades have had a good chance to review before the bid date approaches?

Response:

Scheduled walk-through has been completed

22. Alternate #2 calls for deducting labor and materials for the connecting links to bldgs. 2 & 4. Finish plan AE113 shows finishes to remain existing. Also there are no drawings for this area. Will alt.#2 be revised.

Response:

Alternate for finishes for connecting links to Bldgs. 2 and 4 shall provide for NEW CEILINGS & LIGHTING & WALL PAINT to match Corridor 1-108.

23. Will you give an adequate amount of time to process the information given on the RFI answers.

Response:

Adequate response time has been provided.

24. Curtain-wall specs point to operable windows per 08 51 13.11 Side Hinged Aluminum windows, this spec does not exist, please provide.

Response:

There are no side hinged aluminum windows – disregard reference.

25. Window types on the drawings do not match up on the schedule and some of them do not exist. For example, on the elevations, the window mark numbers do not correspond with the window types on the window legend of the "door and borrowed lights schedules" AE700.1 Also, type 17 does not exist on the window legend. There are also smaller numbers 2-308.1 which correspond to windows on drawing AE700.2 Door and Borrowed Light Frame Schedules the section labeled "3544 Window/Louver Schedule". Are these all of the windows? Are they mislabeled as hollow metal? Typically hollow metal is only for interior windows. Please ensure that all window schedules and details correspond.

Response:

See response to RFI question 1.

26. Are the cameras to connect to campus provided network switches and to the existing campus security system back to Bldg. 1?

Response:

Yes, except as noted on E-114, notes 13 & 21

27. Are the card readers and/or security devices to connect to the existing security system back to Bldg. 1?

Response:

Yes.

28. On drawing E-611, the primary conduits to the new emergency and new normal power transformers. We need a distance to know how far we need to run these conduits. Please clarify?

Response:

Transformer locations are shown on E-114

29. Drawing E-611 indicates the secondaries from the new transformers are being installed from underground up the outside of the building overhead to the new panels. Is this correct?

Response:

No. E-611 is a schematic representation, conduits enter the building from underground.

30. Drawing E-115, there are no exit signs. Are there any exit signs being installed under this

project?

Response:

Exit Signs are on FA111

31. Drawing FA 112 detail fire alarm riser 2/FA112 show smoke dampers. Is there any smoke dampers that get connected to the fire alarm system, if so where are they located?

Response:

2/FA112 is a standard detail, there are no smoke dampers in this project.

32. Drawing E-611. Where is the 300 KVA Transformer Located? What is the primary voltage of this transformer? What is the required conduit and feeder size for this transformer? How far is it to the primary emergency power source indicated on the drawing?

Response:

See E-114 for location.

13kV

Concrete encased, 4"PVC with 2 AWG 15kV, 2 AWG EG cable.

Emergency power transformer pad will be adjacent to building one emergency power transformer pad, see attached excerpt from the Emergency Generator project.

33. Drawing E-611 what is the primary voltage of the 1500 KVA normal power transformer? What is the required conduit and feeder size for this transformer? How far is it to the primary normal power source indicated on the drawing?

Response:

13kV

Concrete encased, 4"PVC with 2 AWG 15kV, 2 AWG EG cable.

Replace existing transformer on existing pad, reuse existing cable terminations.

34. Various rooms have a floor finish of EF-2 and I was wondering if they were supposed to be EP-2. Another case of this is EF-3, which I would assume would be EP-3.

Response:

Floor finishes designated as EF should read EP for seamless epoxy flooring.