



August 29, 2017

Alexander Santiago, P.E.  
Department of Veterans Affairs Medical Center  
508 Fulton Street  
Durham, NC 27705

RE: ADG13002.00 – VAMC Durham – Outpatient Care Building 17 – RFI Questions

Please see below responses to your RFI comments in **Bold**.

1. The door schedule lists several openings as being Aluminum/glass door in Hollow Metal Frames. This is not typical. Please confirm that aluminum/glass doors will be going into aluminum frames. (004, 102B, 103B, 104). Please also confirm that 004 is to be aluminum glass.

**ADG Response: Aluminum/glass doors will be going into aluminum frames. As for the doors noted:**

**004: Door should be revised to a Hollow Metal door in a Hollow Metal frame.**

**102B: Door is an alum/glass door in a clerestory/aluminum frame.**

**103B: Door is an alum/glass door in an aluminum framed door system – refer to Door Types – 4A Bi-Part Sliding entry door..**

**104: Door is an alum/glass door in aluminum clerestory/aluminum frame.**

2. Spec Section 22 07 11, 3.03 does not list an insulation requirement for domestic cold water on storm drain. Will these systems require insulation?

**ADG Response: Response To Be forwarded ASAP.**

3. Will the acoustical ceiling in the crawl space be above or below the plumbing services in the crawl space that serve the first floor? The cuts on drawings AS301, AS301A, and so on, do not indicate enough room between the batt insulation on top of the 11' ceiling height and bottom of the first floor structural steel beams to allow for the installation of all of the services shown on plumbing drawings PL101, especially with the slope of the drainage systems. Please advise:

**ADG Response: Contractor shall coordinate plumbing services located in the crawl space ceiling with structural system.**

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4. Where are the specifications for the video system?

**ADG Response:** *See attached specification section 28 23 00 Video Surveillance*

5. (Ceiling lift) Will this be a recessed installation where our rail will be installed before the ceiling is installed so the track is somewhat hidden in the ceiling?

**ADG Response:** *No. The equipment track can be surface mounted flush with ceiling grid with contractor provided structural support system mounted to structure above the ceiling. Refer to structural drawings for additional details and information.*

6. (Ceiling lift) Will stamped engineered drawings with details and calculations be required?

**ADG Response:** *The contractor will be required to submit engineered shop drawings with calculations.*

7. (Ceiling lift) I did not find any specification for ceiling lifts but did find them on the RCP. Are these lifts being purchased by the VAMC and vendor/contractor installed?

**ADG Response:** *The patient lifts are part of Activation Equipment (See sheet AS140 – Equipment symbol A1200) and will be provided by the VAMC. Contractor shall provide the framing for all steel supports and the utility connections, refer to structural drawings for details.*

8. (Ceiling lift) For lifting capacity of the ceiling lift motors, will 625 lbs acceptable for standard motors and 1000 lbs for bariatric motor?

**ADG Response:** *Coordinate with VAMC for final equipment selection prior to installation and framing and equipment manufacturers recommendations. Basis of design is min. 600lb.*

9. Will electrical outlets be provided by others?

**VAMC Response:** *It will be a determination of the General Contractor as to who installs electrical outlets.*

10. Does certified payroll and wage determination apply to this project?

**VAMC Response:** *Yes, this project is a federal project and subject to the relevant sections of the FAR.*

11. Is there badging and orientation our installers will need to attend prior to installing?

***VAMC Response: The badging requirements are outlined in the specifications.***

12. Will there be an area to store material and tools, or will we need to arrange for a local storage unit?

***VAMC Response: The General Contractor will determine what parts of the site will be available for storage.***

13. (Ceiling lift) What hours can our installers work?

***VAMC Response: Typical working hours are specified in the bid documents. The General Contractor will determine exact working hours for subcontractors.***

14. As this will be a construction site, will our installers be able to cut track (non-heat producing) in the room they are working?

***VAMC Response: The General Contractor will be responsible for the 'Site Specific' safety plans.***

15. Will electricity be available within 50' of where we are working?

***VAMC Response: The General Contractor will be responsible for distributing temporary power around the site.***

16. Will contractor parking be made available? Installers will be arriving in pickup trucks.

***VAMC Response: The General Contractor will be responsible for determining parking allocations on-site.***

17. Do we have as-builts of the two buildings slated for demolition at Durham VA? It appears that most everything is related to the new construction of Building 17.

***VAMC Response: Demolition drawings are provided in the bid set.***

18. Will a RFQ be sent out for the construction materials testing scope or has the firm already been chosen for this project?

***ADG Response: Construction materials testing shall be provided by the contractor and coordinated with the VAMC COR.***

19. Do you know if the curb and gutter has any ABC underneath or is it sitting on the subgrade? The detail only shows the curb and gutter part. Is there a Geotech report by any chance?

**ADG Response:** *Response To Be forwarded ASAP.*

20. The storefront specifications mention Automatic Sliding Door Spec 08 42 29, but they were not provided. Please provide the specifications.

**ADG Response:** *Section 08 42 29 was incorrectly referenced. Refer to section 08 71 13 Automatic Door Operators for additional information.*

21. The doors 102B, 103A, 103B, and 104 all are aluminum but the door schedule page AE601 calls out for them to be going into Hollow metal frames. Shouldn't they be going into aluminum storefront frames?

**ADG Response:** *Duplicate question - refer to response #1.*

22. Doors 103A and 103B both look like automatic sliding doors but the door schedule does not call them out as automatic sliding doors. Please confirm that they are automatic sliding doors.

**ADG Response:** *Doors 103A & 103B are automatic doors as referenced on sheet AE601 on the Door Schedule and Door Types – 4A*

23. The door schedule lists several openings as being aluminum/glass door in Hollow Metal Frames. This is not typical. Please confirm that aluminum/glass doors will be going into aluminum frames. (004, 102B, 103A, 103B, 104). Please also confirm that 004 is to be aluminum all glass.

**ADG Response:** *Duplicate question - refer to response #1.*

24. Spec Section 22 07 11 3.03 does not list an insulation requirement for domestic cold water or storm drain. Will these systems require insulation?

**ADG Response:** *Response To Be forwarded ASAP.*

25. Will the acoustical ceiling in the crawlspace be above or below the plumbing services in the crawlspace that serve the first floor? The cuts on drawings AS301, AS301A, and so on, do not indicate enough room between the batt insulation on top of the 11' ceiling height and bottom of the first floor structural steel beams to allow for the installation of all of the services shown on plumbing drawing PL101, especially with the slope of the drainage systems. Please advise.

*ADG Response: Duplicate question - refer to response see #3.*

26. Drawing MP102 has 27 VRFs (VRF 13 and VRF 29 are missing). The VRF schedule has 29 VRFs. Which one is the correct amount?

*ADG Response: Response To Be forwarded ASAP.*

27. The VRF description states that a fan high and fan low alarms, but there are no wired inputs. Are these expected to come from BacNET or did they want them to be hard wired?

*ADG Response: Response To Be forwarded ASAP.*

28. Is there a valve schedule? Flow meter schedule? Flow switches schedule? It appears that we are supposed to provide the instruments, yet I cannot seem to locate any schedules with them.

*ADG Response: Response To Be forwarded ASAP.*

29. Page 23 09 23 -4 has a table the says we furnish the automatic dampers that are nor furnished with equipment? Is there a damper schedule that shows which dampers these are?

*ADG Response: Response To Be forwarded ASAP.*

30. Is there a VFD schedule? It appears there are VFDs in the DOAU as well as in the VRF Or are we to assume that all VRF VFDs are the only ones?

*ADG Response: Response To Be forwarded ASAP.*

31. Is there a schedule for the project?

*VAMC Response: The General Contractor is responsible for generating a critical path construction schedule.*

32. The dental equipment schedule on P-001 lists D.I.S.S outlets for the natural gas w all outlets NG-1 and NG-2. Typically, these are turrets with barbed fittings and not DISS outlets. Please advise.

*ADG Response: Response To Be forwarded ASAP.*

33. Spec section 23 11 23 indicates black steel, ASTM A53, schedule 40 for natural gas piping. Carbon steel piping is not compatible with the valve

Mr. Santago  
August 24, 2017

Page 6 of 7

inside the zone valve box or copper connection on the DISS outlets.  
Please advise.

*ADG Response: Response To Be forwarded ASAP.*

34. Please confirm that the site gas, gas meter, and the main PRV that reduces the NG pressure from site to 2psi will be provided by the gas company.

*R ADG Response: Response To Be forwarded ASAP.  
esponse:*

35. Can the extent of Deduct Alternate 1 be clarified? Aside from the room numbers listed to be completed on the 2<sup>nd</sup> floor, the bid form states "Plumbing terminated at all fixture locations with shut off valves." We assume this to mean that all in-wall rough in (domestic water supply, sanitary waste and vent, carriers, etc) will be completed by no fixtures installed. And the "shut off valves" are the supply stops for the fixtures. Please advise.

*ADG Response: Response To Be forwarded ASAP.*

36. The DOD minimum antiterrorism standards for Buildings UFC4-010-01 requirements were briefly mentioned spec section 08 80 00. If the project requires these standards be met we need to know the actual standoff distance, the charge weight, and the blast level required. Please clarify.

*VAMC Response: VAMC to provide project standard requirements.*

37. Generally, I can look at the plans by building type in most states to determine the required hourly assembly. For example, IIA&B only require a one hour assembly etc. etc. Your plans do not specify any type of Building, Fireproofing, or assemblies. How should I proceed?

*ADG Response: Fire proofing details and Fire Resistance ratings are located on sheet G1100. Refer to sheet AE000 Reference Symbols for rated wall symbols and sheets AS110A, AS111A, AS111B, AS1122A and AS112B Enlarged Floor plans, for wall rated partition locations.*

Sincerely,

**Avetech Design Group, plc**

Carmine R. Barone, AIA

Mr. Santago  
August 24, 2017

Page **7** of **7**

CRB/mlo