

VENDOR QUESTIONS/GOVERNMENT RESPONSE

QUESTIONS:

See Listing of Questions Submitted By Paradigm

GOVERNMENT RESPONSE:

RESPONSES TO DRAWING QUESTIONS:

1. Mechanical drawings and contract drawing notation clearly indicate the recommended "Steps" / sequencing of the mechanical demolition. This is a mechanical equipment-focused project. Traditional separate "phasing drawings" not required, but the intent of the phasing/sequencing/steps of the project is clearly documented. Please carry out a **coordinated/interdisciplinary** review of all contract documents in detail prior to bidding.
2. See response to #1 above.
3. Means and methods. General Requirements: Spec. Section 01 00 00.1.8.3.
4. Means and methods. General Requirements: Spec. Section 01 00 00.1.6.
5. Please review contract documents in detail prior to bidding. ICRA requirements clearly specified and ratings of mechanical room walls/damper/penetration requirements clearly identified both by drawings and specifications as well as labeled in the field. Details and plans indicate fire/smoke damper locations and mechanical room rated wall penetration/fire-stopping requirements.
6. Review and follow contract drawings and specifications.
7. No. Part of lump sum bid. Review and follow contract drawings and specifications.
8. Review/follow contract drawings and specifications. Sprinkler scope related to relocating existing heads within mechanical room/adjacent areas as documented to coordinate fully with changes to mechanical room MEP.
9. Means and methods.
10. Spec. 23 31 00 clearly describes the liner material (G90 galv. steel).
11. The slab will be cut to install the new access door.
12. There is no wall section through the areas of brick infill. We could not find existing sections and could not confirm any existing insulation. Once demolition has taken place in that area confirm with the COR if insulation will be required.
13. Architectural drawings are in error as related to the support for the temporary HVAC equipment in the existing courtyard. Please disregard. The Architectural notes will be modified to refer to Sheet MD1.01, SHEET KEYNOTE 3 for these requirements.
14. Means and Methods. Review and follow contract drawings and specifications.
15. Means and Methods. Review and follow contract drawings and specifications.
16. The material to be removed from the canopy at the location of the fresh air intake chase assembly shall include any material blocking the clear penetration of the chase through the canopy. The exact size being determined by the required size of the chase. The clear space within the chase shall not be less than 36" in width in the short dimension. Materials to be removed in the proposed opening include roofing, sheathing and decking.
17. No drawings of the canopy sections and details have been found by the VAMC. Once the affected canopy ceiling material is removed to expose the existing internal structure the contractor shall confirm the structural steel members, their configuration and sizes with the COR and Structural engineer

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before proceeding. At that time it will be determined if any sketch details from the architect or structural engineer are required.

18. Apply base ply of gypsum board to assure minimum number of joints in face layer. Apply face ply of wallboard to base ply so that joints of face ply do not occur at joints of base ply with joints over framing members. The area in question currently has no GWB.
19. Near grade on Sheet A5.10 Elevation 3, Left.
20. Yes.
21. No. Note 8 is for the metal roof as it is drawn. The arrow should be indicating the metal roof as shown. The metal roof and brick as shown on this drawing are correct.
22. Sheet A5.11, Detail 7.
23. Refer to Sheet S1.01, Section A.
24. See specification section 07 42 13, 2.1 EXTERIOR WALL PANELS, Insulating Sheathing. As per the drawing note, the insulation shall be a composite with a nail base. The newly completed adjacent entry is similarly constructed.
25. Metal liner requirements clearly notated. Drain Pan clearly indicated for floor of OA intake chase. Refer to mechanical drawings and specifications for additional liner and drain pan requirements. Repeat question. See responses to this similar question throughout. Please coordinate your review.
26. Liner (walls/underside of chase roof) is G90 Galv. (not as stated by contractor "G80") as indicated in spec. 23 31 00. Drain pan is sloped stainless steel, welded construction similar in material/design intent of drain pans indicated in spec. 23 74 43. Repeat question. See responses to this similar question throughout. Please coordinate your review.
27. Since the enclosure is below the roof insulation it should not need venting.
28. The extent of brick to be replaced is what can be reasonably be expected to be removed to insert new thru wall flashing which runs vertically at least 8" above the opening.
29. A drip diverter has not been shown because the specified louver is a wind driven rain resistant style louver. Confirm with VAMC COR whether they desire to add a diverter of the same material as the roofing as this would be additional scope.
30. No. The existing beam is not cut. The dark gray color of the beam in the drawing indicates that the beam is solid at that section.
31. M-R and PF&A were told by VAMC that no canopy structural drawings are available. See also responses to #16 and #17 above.
33. Standard attachment to metal studs shown on detail A/S1.01.
34. Lintel is existing at upper boundary of existing louvered opening location in existing wall. Please disregard reference to structural. No new lintels.
35. The size of existing steel is already indicated on the plan based on existing drawings.
36. Review and follow contract drawings and specifications.
37. Review and follow contract drawings and specifications.
38. Review and follow contract drawings and specifications.
39. Drawings and specifications work together as related to TAB requirements. Systems readiness TAB report (pre-construction) requirement is clearly specified in Spec. 23 05 93.1.4.D.4. Please carry out a coordinated/interdisciplinary review of all contract documents in detail prior to bidding.
40. Review and follow contract drawings and specifications.
41. Review and follow contract drawings and specifications.
42. Review and follow contract drawings and specifications. The requirements for the temporary equipment are found on drawing E6.01

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43. Correct. The reference should be to drawing E6.01 Notes 1.1-1.4
44. Means and Methods. As noted/specified. Refer to drawing E6.01 Keynote 1.
45. Means and Methods. Please review and follow contract drawings and specifications.
46. Correct. SB-1 is 480V, 1600A.
47. LBA is fed from Panel DP. Panel DP is shown on drawing E6.01 fed from SB-1.
48. Means and Methods. As specified/indicated by contract drawings and specifications.
49. Please review and follow contract drawings and specifications. Repetitive question.
50. Please carry out a coordinated/interdisciplinary review of all contract documents in detail prior to bidding. Process requirements are clearly defined and noted by the documents. Coordination will be required by contractors based on the pre-construction TAB report submission and documented existing offsets between building return air and supply air.

Questions 51. through 67.: All indicate either means and methods or lack of contractor coordinated/interdisciplinary review of the complete contract drawings and specifications.

68. See responses to #25 and #26. This is a repetitive question.
69. See MP1.01.
70. See M7.01.
71. See responses to #25 and #26. Again this is a repetitive question. Please coordinate your review.

Questions 72. through 83.: All indicate either means and methods or lack of contractor coordinated/interdisciplinary review of the complete contract drawings and specifications.

84. No. VAMC has reviewed and approved the inclusion of this system since schematic design.
85. Review and follow contract drawings and specifications.
86. Review and follow contract drawings and specifications. Tag of equipment "box" in this detail clearly indicates the SKID tag, which is the entire packaged heat transfer skid.

Questions 87. through 93.: All indicate either means and methods or lack of contractor coordinated/interdisciplinary review of the complete contract drawings and specifications.

94. Drain clearly identified as storm, not sanitary. Please coordinate your review.
95. Not required see answer to #94
96. No per VA guidelines and specification 211313 1.3 licensed contractors are to perform the work.
97. Existing backflow preventers to be removed and new backflow preventers installed as shown.
98. Means and methods.

RESPONSES TO SPECIFICATION QUESTIONS:

1. Please review and follow contract drawings. New light fixture is specified on drawing EP1.01 Keynote 7.
2. See attached specification section 26 29 21.
3. Please review and follow contract drawings and specifications. Please see attached specification 26 29 21. See below for specifications on molded case circuit breakers:

MOLDED CASE CIRCUIT BREAKERS

- A. Circuit breakers shall be per UL, NEC, as shown on the drawings, and as specified.
- B. Circuit breakers shall be bolt-on type.

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- C. Circuit breakers shall have minimum interrupting rating as required to withstand the available fault current, but not less than:
 - 1. 120/208 V Panelboard: 10,000 A symmetrical.
 - 2. 120/240 V Panelboard: 10,000 A symmetrical.
 - 3. 277/480 V Panelboard: 14,000 A symmetrical.
- D. Circuit breakers shall have automatic, trip free, non-adjustable, inverse time, and instantaneous magnetic trips for less than 400 A frame. Circuit breakers with 400 A frames and above shall have magnetic trip, adjustable from 5x to 10x.
- E. Circuit breaker features shall be as follows:
 - 1. A rugged, integral housing of molded insulating material.
 - 2. Silver alloy contacts.
 - 3. Arc quenchers and phase barriers for each pole.
 - 4. Quick-make, quick-break, operating mechanisms.
 - 5. A trip element for each pole, thermal magnetic type with long time delay and instantaneous characteristics, a common trip bar for all poles and a single operator.
 - 6. Electrically and mechanically trip free.
 - 7. An operating handle which indicates closed, tripped, and open positions.
 - 8. An overload on one pole of a multi-pole breaker shall automatically cause all the poles of the breaker to open.
 - 9. Ground fault current interrupting breakers, shunt trip breakers, lighting control breakers (including accessories to switch line currents), or other accessory devices or functions shall be provided where shown on the drawings.
 - 10. For circuit breakers being added to existing panelboards, match the breaker type and AIC rating with existing circuit breakers within panelboards. Modify the panel directory accordingly.

Questions 4. through 6.: Noted. No impact to Bid.

- 7. No. The term "deduct alternate" is not mentioned in spec. VAMC requested this scope listed as separate item for specific line item/break out pricing purposes. VAMC will coordinate purpose of this separate pricing at time of their BID review.
- 8. This is a repetitive question. Please coordinate your review. See response to #39.
- 9. Please review and follow contract drawings and specifications. Repetitive question.
- 10. Please review and follow contract drawings and specifications. Repetitive question.

Questions 11. through 15.: All indicate either means and methods or lack of contractor coordinated/ interdisciplinary review of the complete contract drawings and specifications.

- 16. New framed floor opening is specified on Contract drawing S1.01. The floor access door is new/to be replaced. Please add to the specification section language the following: PART 1, 1.1 DESCRIPTION, "10. FLOOR ACCESS DOOR". This section applies to the new floor access door.
- 17. Match the existing finish at the adjacent new entry to the left of this project.
- 18. Match the existing finish at the adjacent new entry to the left of this project.
- 19. Match the existing length and width of the panels at the adjacent new entry to the left of this project.
- 20. Match the existing lock zinc- alloy siding at the adjacent new entry to the left of this project.
- 21. See sheet A1.01, "NEW WORK ROOF PLAN. EPDM has been noted by the COR as the existing roofing for the canopy. This section is for residual EPDM work at the new penetration.
- 22. See sheet A1.01, "NEW WORK ROOF PLAN.

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23. SECTION 07 84 00 applies to any penetrations of fire rated assemblies as determined by the COR and as documented / specified by contract drawings. A Life Safety Drawing was not required.
24. Verify required labeling and ratings for doors with COR.
25. Re: 08 11 13, 2.3 A. 3. c. does not apply.
26. Substitute for HW-E8 the following hardware set.

HW-E8

Each Pair to Have:

- | | | |
|---|---|--|
| 2 | Continuous Hinge | |
| 1 | Set Auto Flush Bolts | TYPE 25 |
| 1 | Dust Proof Strike | L04021 |
| 1 | Storeroom Lock | F13-MOD x RIGID OUTSIDE LEVER x KEY
RETRACTS DEADBOLT AND LATCHBOLT
R0Y634 x R0Y154 x THRU-BOLTS |
| 1 | Overlapping Astragal with
Self-Adhesive Seal | |
| 1 | Coordinator | TYPE 21A |
| 2 | Closer | C02011/C02021 |
| 2 | Armor Plate | J101 x 3.125 MM (0.125 INCH) THICKNESS |
| 2 | Floor Stop | L02121 x 3 FASTNERS |
| 1 | Threshold (outswing door) | J32120 x SILICONE GASKET |
| 1 | Threshold (inswing door) | ALUMINUM, PER ARCHITECTURAL
DETAIL |
| 2 | Door Sweep | R0Y416 |
| 1 | Set Frame Seals | R0Y164 |
| 1 | Drip | R0Y976 |
27. Louvers in lead lined doors are not part of this project scope. 08 90 00 LOUVERS AND VENTS, 1.2 C shall be ignored.
28. Refer to note on drawing PL101.
29. No.
30. Refer to answer to #97.
31. No domestic hot water in scope.
32. Means and methods.
33. No.
34. Refer to plumbing Dwg P0.01 for list of symbols and abbreviations, and piping indicated as SD (in accordance with the VA guidelines) on the plans.

Questions 35. through 57.: Most of these questions, related to the book specifications of the project, are either redundant to questions already asked/responded to regarding the drawings, indicate means and methods, or lack of contractor coordinated/interdisciplinary review of the complete contract drawings and specifications.

Specific responses/clarifications of this range of questions are as follows:

51. Specification is not identical to TIL 23 73 00. Review contract drawings and specifications.
52. Please review and follow contract drawings and specifications.
53. Manufacturer complies with Buy American provisions and has already been successfully designed, bid and installed on multiple VAMC projects.
54. Incomplete question.

Project 603-14-303, Replace Air Handling Units (AHU), Phase IV
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- 55. Means and methods. Please review and follow contract drawings and specifications.
- 56. Please review and follow contract drawings and specifications.
- 57. No. Please review and follow contract drawings and specifications.
- 58. Please review and follow contract drawings and specifications. Temporary cables are to adhere to specification 26 05 19.