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**Project 596-332 Construct Continuing Care Facility Ph. 1, Lexington VAMC, Leestown Division Questions**

1. Reference Drawing T-502.
  - a. Nurse Call System Riser Diagram Note 22. We cannot locate any wiring or equipment associated with the integration to the main facility as noted. Please advise.  
**RESPONSE:** The Nurse call system is routed via the fiber optic network to the Rauland Responder V located in Main Building 17.
  - b. Are we providing phone or pagers? Or are we integrating to the existing pagers?  
**RESPONSE:** The VA is to provide any required and necessary phone and pagers.
  - c. Where is the PBX located?  
**RESPONSE:** The PBX is located in Room 32 in Building 1. See Attached plan. Keep in mind that any repeaters required as well as all active components will be by the VA/Phone Contract.
  - d. What brand of beds are being used? Is it Stryker/Hilrom?  
**RESPONSE:** Coordinate the brand of bed with the VA. These will be provided by the owner.
  - e. Will the software be based on virtual servers?  
**RESPONSE:** No virtual servers are anticipated.
  - f. Does a breakout price need to be provided for the RTLS system or just integration to?  
**RESPONSE:** No breakout price is required, just integration.
2. Reference Drawing TS-102.
  - a. Drawing Note 8. What size hand holes are to be provided?  
**RESPONSE:** We recommend a minimum of 30" W X42" L by 48" Deep
  - b. Drawing Note 10. How will the medical gas alarm panel wiring be brought into the building?  
**RESPONSE:** See TS-101 and T-601 for more info, there is a 4 inch conduit for the medical alarm gas wiring. Coordinate with the Mechanical/Medical alarm system contractor. The medical alarm wiring is connected to both the main alarm location and backup alarm location indicated on the site plan, Buildings 22 and 17 (for reference).
3. Reference Spec Section 275223, Nurse Call System, 2.1 J, Item 2, a-d. Is the Nurse Call/Code Blue Annunciation required to ring in the new building only or in the old building as well?  
**RESPONSE:** The Nurse Call will annunciate at the new buildings only, as this building is constantly manned 24 hours a day..
4. Will local electrical permit/inspections be required for this project? In our experience, normally federal government projects do not.  
**RESPONSE:** No local electrical permits/inspections are anticipated.

5. Reference Drawing PP-601. Medical Lab Alarm Wiring Detail 1/PP601 references 16 gauge twisted pair with shield. This wiring will be installed a very long distance underground and subject to moisture. Please provide a specification for the type of wire required.  
**RESPONSE:** Suggestion: Belden 8719 can be installed outside in conduit (per Belden information), but contractor will need to confirm with Medical Gas equipment contractor/manufacturer.
6. Who is responsible for locating existing underground utilities?  
**RESPONSE:** Contractor
7. Reference Drawing TS-102. Does the communications duct bank require concrete encasement?  
**RESPONSE:** ONLY under drive way if not bored.
8. Reference Drawing ES-101. Please provide the manufacturer part number and serial number for the existing transformer PMT-9. This cannot be seen on the outside of the enclosure.  
**RESPONSE:** This information is unavailable.
9. Reference Drawing E-601. Please provide specifications for:
  - a. 12.47 kV Primary/208/120V Secondary Pad Mounted Transformer
  - b. Pad mounted four position dead front medium voltage switch.**RESPONSE:** See response to Question #21 at the end of this document.
10. Reference Drawing TS-102, Drawing Note 8 details replacing existing handholes. What are the existing cables and conduit in the existing handholes? How shall the existing conduit and wiring be terminated/spliced at these locations?  
**RESPONSE:** Contractor to filed verify the existing conduits, per the VA, the existing cables are NOT used, the conduits are 4 inch in and 4 inch out
11. Reference Drawing T-0001 Technology General Notes 22. Should the contractor include cost for the required WAP's and if so, what should be included?  
**RESPONSE:** Note reads: Contractor shall install cabling and equipment per the survey.
12. Reference Drawings ES-101 and TS-101.
  - a. What should be included with Alternate #2 in regards to Building 202 underground services, including electric, generator and communications, should these conduits be extended to building location if the alternate is accepted?  
**RESPONSE:** If alternate #2 is accepted, there will be NO conduit and NO wiring included.
  - b. Reference Drawings TS-101 and TS-601. If Alternate #2 is accepted and Building 202 is not provided, where is the conduit and wire for this building terminated?  
**RESPONSE:** If alternate #2 is accepted, there will be NO conduit and NO wiring included, just conduit stub from the MH at building 201 toward building 202.
13. Can excavation spoils remain onsite?  
**VA RESPONSE:**
14. Reference Drawings T-601 and PP-601, Medical Gas Alarm Points Wiring.
  - a. T-601 Key Note 10 details a conduit for medical gas wire for Building 202, Drawing PP-601 does not detail any medical gas wiring for the building. Is there wiring required for building 202?  
**RESPONSE:** Building 202 does not have medical gases. No medical gas wiring is needed for Building 202.
  - b. Reference Drawings TS-101 and T-601. TS-101 does not detail any conduit or wire to Building 202 for medical gas alarm, yet Drawing T-601 does. Please advise  
**RESPONSE:** Building 202 does not have medical gases. No medical gas wiring is needed for Building 202.

15. Reference Drawing T-601. Sheet Note 3 references boring under parking lots and sidewalks.
  - a. There are other conduits to be provided adjacent to this; must they also be bored?
  - b. There are conduits passing under roadways; must those be bored?
  - c. Is cutting and patching sidewalks, parking lots and roadways an option in lieu of boring?  
**RESPONSE:** Contractor shall coordinate with other trades. Cutting and patching sidewalks, parking and roadways shall be approved by the VA
  
16. Reference Drawing TS-101, Drawing Note 1. Are the MH-10 and MH-9 manholes or handholes?  
**RESPONSE:** They are communications handholes per note #1.
  
17. Reference Drawing T-601 Key Notes 2, 3 & 4. How many 12 strand SM fiber cable are required between MH-8 through MH-4 and MH-8 through MH-10? Are each of these notes referring to the same 12 strand cables, for a total quantity of two or are they referring to different cables?  
**RESPONSE:** 2-12 strand SM Fibers as shown on the T-601 drawings and TS-101 and TS-102
  
18. Reference Spec Section 26 05 19 2.1.3. Will stranded wire be acceptable for wire sizes No. 10 AWG and smaller?  
**RESPONSE:** No
  
19. Please reference Question #2's response in Amendment #3. Is the conduit existing or new for the medical alarm gas wiring?  
**RESPONSE:** Conduit is NEW per TS-101 and TS-102
  
20. Reference Amendment #3 Drawings TS-101 and T-601. TS-101 details one 25 pair CAT5 between Buildings 201 and 202. Drawing T-601 details one 50 pair CAT5 between Buildings 201 and 202, then running to Building 17. Is there one or two 50 pair cables running to Building 17? What is required between Buildings 201 and 202?  
**RESPONSE:** One 50 PR cable for voice to building 201, and one 25 PR Cable for voice for Building 202 from Building 201
  
21. There is not a specification for the medium voltage switch. Are we to use the information from E601 to price the switch or can you send us the specification?  
**RESPONSE:** Add to General Notes "... SIMILAR AND EQUAL TO S&C, MODEL PME-10"