



REQUEST FOR INFORMATION RESPONSE

RJR Project No.: 14104 VA Design Contract No.: VA528-15-C-0001 VA Construction Bid No.: VA242-17-B-0004	Date: 2016-12-14
Client: Bath VA Medical Center	Prepared By: Jonathan F Fabian
RJR Document: RFI-14104-C001.REV00 Request For Information Response	
Design Phase: Construction Services	

Q1. Drawing EP701
a. Switchboard DNBEQ-3: There are several loads that state “Contractor to size breaker and cable based on existing field conditions”?? Can the VA offer more information regarding these loads?

A1. The A/E could not definitively determine the existing ratings of the indicated loads during the design period as we were unable to open this panel. The contractor must perform site investigative work to determine the ratings of the existing overcurrent protective devices used and replace in kind in the new switchboard.

Q2. Can the VA identify the manufacturer of the following items?
a. ATSEQ-3N
b. ATSEQ-2N

A2. ATSEQ-2N and ATSEQ-3N are ASCO 7000 Power Transfer Switched by Emerson Network Power. See photos below.



- Q3. Drawing EP701
- a. Exterior Generator / Switchboard Enclosure:
 - i. Drawing states to change trip unit on LSIA to 800 AMP Trip Unit, can the VA tell us what the manufacturer of the breaker is that the trip unit is being changed on?
- A3. The breaker is a Cutler-Hammer CHND 65k (see photo).



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- Q4. The Demo Drawings for the South Service Room appear to show that the Bus Duct gets removed and on the new layout it is back but in sections. Are we to supply new bus duct? If so, can the VA provide specifications on the bus duct to be used?
- A4. The bus duct in the south service room is to be completely removed at the completion of the project. As a part of the project phasing, as shown on drawings ES103 and ES104, the

bus duct is to remain in service to support existing loads until all loads are completely transferred to the newly installed switchboards.

Q5. Drawing ES102 shows Temporary Generator Sets that we are to connect T-MDS01-2. Is the VA supplying the Gen Sets and fuel?

A5. No the VA is not supplying the generator sets and fuel. It is the responsibility of the contractor to provide the generator sets, fuel, and any other work required to support their continued operation during the construction period.

Q6. Drawing ES104 Detail 1 states to relocate the (2) AC Units as directed by the VA. Can the VA give an approximate location so that the length of conduit and cable can be estimated?

A6. Contractor shall bid on 100ft distance for relocation, and include new concrete housekeeping pad for each A/C unit.



Q7. Does the VA want all of the old Transformers and Switchgear to be turned over or removed from site?

A7. The contractor shall turn over all major equipment to the VA including transformers and switchgear.

Q8. Drawing FA101:

a. General Requirements Note 1:

i. "New Campus Wide FA System to be installed"? Is the FA System in this part of the building part of another FA Project? A note on the same drawing also states that the Pull Station and Horn are By Others? Is this accurate?

A8. At the time of design, a new campus wide fire alarm system was in the process of being designed and installed. It is the A/E's understanding that that fire alarm project has been subsequently completed.

As a part of this electrical upgrade project, it is the contractor's responsibility to complete all work shown on drawing FA101, coordinating as necessary with the campus's new fire alarm system.

The pull station and speaker strobe indicated by the note on detail 2 of drawing FA101 were to have been previously installed by others as a part of the fire alarm upgrade project. It is the responsibility of the contractor for this electrical upgrade project to relocate them as shown on the contract drawings.

Q9. At the job walk it was discussed that the road by the new addition and tunnel would not be allowed to be shut down for any extended period of time. This creates a problem installing the new foundation for the addition. The specs do not have a section for shoring included. Shoring will be required to hold back the existing road and curb from caving in when the foundations are excavated. If we do not shore the area then we will be required to slope the excavation back to the middle of the tunnel road. Likewise the brick and block scaffolding will be setup at least 3' on the existing road for several weeks while the masonry work is completed.

A9. See Specification 312000 "Earthwork." Section 3.2 "Excavation" of the referenced specification covers Shoring, Sheeting, and Bracing requirements. The road will not be allowed to be shut down for extended periods of time.

Q10. One of the electrical subcontractors started at the job walk that there is a concrete duct bank that runs under ground for approx. 20'. This duct bank is filled with concrete that

dimensions are 3' wide by 3' deep. I could not find any record of this or any other structures below grade on the drawings.

- A10. It is unclear which duct bank is being referred to, as there are more than one that will be impacted by this project. See drawings ES103 and ES104 and the associated south side phasing plan notes for additional information. Additional utilities may be present that are unknown to the A/E. Best available site duct bank as-built is E002B, dated 08/24/09. An excerpt is included here.



- Q11. Could you please verify that the Seismic Restraint requirements section 13 05 41 are required for this bid?

- A11. Yes, the specification section 13 05 41 Seismic Restraint Requirements for Non-Structural Components are required for the bid. Note the list of exceptions in Part 1.6.B. After submittal phase equipment anchors and restraints must be verified compliant.