

VA263-16-R0003-A00002 - Attachment 1

Replace Mail Electrical, Building 17
Answers to Vendor Questions to Government – Round 2

#	SOW Reference	Vendor Question	Government Answer
1.	Existing Chiller Transformer	Is there a spare conduit stubbed out of the primary side for use to tie into from the new switch, or are we to locate the existing conduit and tie into it?	It is unlikely a spare conduit is stubbed out of the chiller transformer. Either intercept the existing conduit and extend to the new switch, or provide a new conduit from the switch to the chiller transformer.
2.	Existing Chiller Transformer Primary Conduit	If we are to tie into the existing conduit, could you tell us if it is concrete encased and how deep it is?	Concrete encasement is the VA standard. Exact burial depth will need to be field verified.
3.		May we take existing louver out in MCC room to Demo/remove existing Xfmr and Unit Substation then reinstall?	No exception is taken to the removal and reinstallation of the mechanical room louver to gain access to the space. Exact details to secure the space, etc. will need to be coordinated with the facility.
4.		May we use Existing Site Generators for temporary power if needed during Sequence of operation outages?	No, the contractor is responsible for providing temporary generators to maintain power to the facility.
5.		Is there a one-line detail for Panel N17C1	Panels N17C1 and N17C2 are multiple sections of the same panelboard (shown as N17C2 on the one-line).
6.		In the drawings it states the owner has right to all salvage. Will the owner salvage ALL removed materials with exception of the Transformer, or will the contractor need to make provisions for disposal?	It is not anticipated the owner will salvage any materials. The contractor shall make provisions for disposal.

7.		What are the normal work hours not inclusive of any outages or phasing?	Because the location of the work being done is manned 24/7, contractor work hours for this project are 0600-1700. However, normal business hours for the hospital are 0730-1630 and support from engineering staff may be limited outside of those times.
8.		Are there existing oil sample reports for the Transformer that is being removed?	See Attachment 2 to this amendment.
9.		Section 26 05 33, para 2.1.C.2.....does not specify whether EMT fittings need to be "compression" OR "set screw". Please clarify?	Either compression or set screw fittings are acceptable.
10.		Are insulated throat connections required?	Conductors shall be protected in accordance with NFPA 70.
11.		Where are the new VFD's for the three 125hp chilled water pumps to be located? They are not shown on the drawings.	Refer to sheet ES1.1 for locations.
12.		Locations of Chilled water pumps P3, P4, and P5 are not shown on sheet E1.1. Please provide locations.	Refer to sheet ES1.1 for locations.
13.		Sheet E1.1 shows new panels N17C1 and N17C2. Sheet E2.1 only shows N17C2. Is there a schedule or one line diagram for N17C1?	Panels N17C1 and N17C2 are multiple sections of the same panelboard (shown as N17C2 on the one-line).
14.		"Are the three vertical 125 hp's, hollow shaft motors?"	Yes.
15.		It is 400' from the MDP17 to the motor/VFD location for pumps P3, P4, and P5 on sheet ES1.1. Are the feeder conductors between the two to be replaced?	Yes.
16.		Is ATS-MSB shown on E2.1 the same as ATS-14 on sheet E1.1?	Yes.

17.		<p>The demolition and replacement drawings for the VFD's and motors does not provide the frame size of rpm's for the respective locations. This is critical for pricing as this determines the costs for each dependent on these factors. Can you provide this information to us for each motor location noted on the plan?</p>	See Attachment 3 to this amendment.
18.		<p>Please be advised that subject solicitation is not "biddable" in our opinion. All of our motor suppliers have declined to bid the project due to inadequate information on the contract drawings. In order to price the motors for this project the following information is required:</p> <ol style="list-style-type: none"> 1. Voltage and phasing: 480v, three phase 2. Enclosure type: Unknown 3. Frame size: Unknown 4. Speed: Unknown 5. Shaft orientation: Partially known 6. Variable torque? Unknown <p>Without the above information PTA will not be bidding this project. In our opinion, provision of the above information is a basic responsibility of the design engineer and should be shown on the contract documents. We hereby request the above unknown information be provided on the contract documents so that all bidders will have the same basis for bid.</p>	See Attachment 3 to this amendment.