

S05 644-14-003 VA258-15-R-0312 Electrical Distribution RFI Questions 47 - 59 Responses

Submitted: 8/24/2015 8:25:13 AM By: BRISTON CONSTRUCTION, LLC

Question: 47 - SKM Software

what bus level is required for this software package? This is needed to price the software accurately.

Answer Question: Please provide 2000.

Submitted: 8/24/2015 8:26:53 AM By: BRISTON CONSTRUCTION, LLC

Question: 48 - Underground

Will underground boring be allowed for the section of Duct bank that will route under the B1/B8 corridor?

Answer Question: **AE to supplement response:** Acceptable to VA in this instance. Duct bank to be concrete encased and existing structures protected and maintain standard clearances (4' below existing basement slab, etc.). Contractor to provide details from the boring company as required to ensure compliance as required.

Submitted: 8/24/2015 8:27:45 AM By: BRISTON CONSTRUCTION, LLC

Question: 49 - One Line

Will the existing feeders for T-D3 AND T-D4 be spliced at new manhole north of ACC corridor, or will they be required to be new cable back to MV-SES1 AND MV-SES2 respectively?

Answer Question: Please see Note 3 E-602 and ES-100. Additional Clarification: Note 8 requires interception of an existing raceway from the (E) MH#4. The contractor should assume that he will need to go all the way to (E)MH#4 to complete this as the exact location of available raceways is unknown as well as due to phasing requirement to re-utilize existing raceways. Existing manholes shall be required to be cleaned completely of all debris and dirt to include clean-out of the existing Sump as required.

Submitted: 8/24/2015 8:28:20 AM By: BRISTON CONSTRUCTION, LLC

Question: 50 - Manhole #3

Sheet ES-100 shows a new conduit ductbank in bold between manhole #3 and the add alternate #5 new manhole. Please clarify if this is a new underground ductbank between these manholes.

Answer Question: This is a new ductbank. In the event Alternate #5 is not taken the contractor shall install a new ductbank from the (E) MH-PVS to the (E) MH#3

Submitted: 8/24/2015 8:28:53 AM By: BRISTON CONSTRUCTION, LLC

Question: 51 - T-CW FUTURE

Sheet ES-100 note 17 states "provide spare 5" Conduit stubbed from MV-SES1A to existing T-CW pad for future extension to transformer. Is this conduit to be stubbed into the primary section of the transformer or left in the ground near the transformer pad?

Answer Question: The intent is to route the spare into the primary section of the transformer. See Sheet E-603 for new feeder requirement. Currently T-CW is fed from MV-SES-2A only. This will provide some coordination issues with the installation and cutovers. T-CW shall be required to be maintained online throughout construction and outages must be coordinated appropriately for off hours. T-CW serves the facility underground chilled water storage system. Current hours of operation require the system to be online M-F 10am to 9pm, and in order to charge the tank appropriately must be operation for a minimum of 10 non-consecutive hours between 9pm and 10am M-F.

Submitted: 8/24/2015 8:30:03 AM By: BRISTON CONSTRUCTION, LLC

Question: 52 - Duct Bank

Sheet ES-101 shows what looks like a ductbank connection coming from the new manhole to the existing building 31 transformer. Please provide ductbank details if this is correct.

Answer Question: Utilize existing typical ductbank details on sheet E-501. T-ESS5 to (E)31GPEH1 shall be per E-605. The single line shows an existing electrical vault. This vault is location East of (E)31GPEH1 and can be utilized. (E)31GPEH1 is currently fed from the 1000kW CAT generator utilizing this as well as other existing vaults. This portion will require coordination with the Dental Building contractor as required.

Submitted: 8/24/2015 8:31:03 AM By: BRISTON CONSTRUCTION, LLC

Question: 53 - RFI response #34

Please clarify if the custom image perforated panels are no longer part of this project. the response that was given would appear to remove this feature from the screen wall panels.

Answer Question: Custom perforated panels remain the intent for all screen wall panels. If Alternate # 6 is selected the contractor shall provide louvered panels in lieu of the custom perforated panels.

Submitted: 8/24/2015 8:31:40 AM By: BRISTON CONSTRUCTION, LLC

Question: 54 - Factory Witness

Will factory witness testing be required for this project?

Answer Question: Factory equipment manufacturing representative witness testing/documentation will be required (and priced accordingly) for new electrical equipment being provided on this project.

Submitted: 8/24/2015 8:33:11 AM By: BRISTON CONSTRUCTION, LLC

Question: 55 - Storage containers

Will the storage containers that were added as part of amendment #3 to be relocated, be assumed to be empty at the time of construction?

Answer Question: All storage containers are full. Contractor should include moving services to complete all labor involved with unloading and reloading as required. VA will assist, however does not have the labor to complete.

Submitted: 8/24/2015 8:33:43 AM By: BRISTON CONSTRUCTION, LLC

Question: 56 - Storage container location

Please provide a location for the relocated storage containers.

Answer Question: See Addendum #1. Sheet ES-101

Submitted: 8/24/2015 8:34:52 AM By: BRISTON CONSTRUCTION, LLC

Question: 57 - Tririga CPMS

Please confirm that TRIRIGA CPMS will no longer be required for this project and also that the fees for submittal exchange will not be at any cost to the contractor.

Answer Question: TRIRIGA CPMS is not required. Submittal Exchange will be setup by the AE to be utilized by all parties. Submittal exchange fees will be the responsibility of the VA and A-E firm.

Submitted: 8/24/2015 8:35:28 AM By: BRISTON CONSTRUCTION, LLC

Question: 58 - Construction Trailer

Will the VA provide a location for a construction trailer for this project?

Answer Question: Coordination and approval is expected to occur after award, however due to ongoing construction there is currently no dedicated location. Existing trailer or construction yard locations may be considered as they become available. Additionally, the location of work being completed under this contract such as the location of T-ESS2 for example may be utilized if phasing can be presented as allowing it to be an appropriate location. Contractor shall be required to complete any and all utility connections as approved. Parking shall be restricted to surface street parking around the facility for M-F 6am to 5pm.

Submitted: 8/24/2015 8:36:21 AM By: BRISTON CONSTRUCTION, LLC

Question: 59 - Planter

Sheet AD-101 shows a planter wall to be demolished, but does not address the plantings or soil and irrigation system. Please clarify what additional items will require demolition.

Answer Question: Remove and salvage soil from the planter. Remove all branch sprinkler lines in the planter. Reconfigure the main sprinkler line to feed remaining planter. Install salvaged soil into remaining planter. Install irrigation branch lines at approximately 2'-0" on center. Provide decomposed granite for soil topping. Deactivate sprinkler system until VA provided landscaping is installed.