

Questions and Responses
Expand Emergency Power Generation – Phase I
Request for Proposal VA244-16-B-1079
Date of Responses – 7/01/16

Question #1 Drawing E100 – Basement Building Enlarged Partial Plan #3 addresses eight (8) 4” future feeder conduits and one (1) 4” future controls conduit terminating within basement of Building #1. Are conduits to stub through wall and terminate within designated area for stub up via 90 degree elbow sweeps and terminate within basement area ceiling or first floor above? If conduits are to terminate at first floor level, at what height above floor level shall they be capped?

Response:

Conduits should turn up via 90 degree elbow sweeps and terminate at the basement ceiling. The conduits do not need to run to the first floor.

Question #2 Drawing E602 – Electrical Single line New work – new emergency switchboard identifies future ambulatory connection, future water tower connection, and SWBD-2A future back feed terminations. Are empty raceways to be provided exiting from bottom of switchgear and terminating outside of emergency switchgear room 03?

Response:

The raceway for future ambulatory care connection is via one of the eight duct banks as shown on E500 detail 5. Five of the eight conduits shall be for the future switchboard in building 1. The remaining two duct banks are spare. Coordinate the conduit stub up locations underneath the board with the circuit breaker positions for the loads. Align the two spare conduits with the two 1200A spare breaker positions.

Water tower and SWBD-2A connections shall be overhead, top exit from the switchboard.

Question #3 Drawing E601 – Electrical Emergency System Single Line existing conditions – Drawing E601 provided for informational purposes only. Under this phase, no electrical work to be performed/required noted on Drawing E601.

Response:

Correct.

Question #4 The specification table of contents shows Section 26 09 23 Lighting Controls; however, this section does not appear in the specifications. Please advise.

Response:

The error is on the table of contents, this section is not included in the project. Lighting control requirements are included in 26 27 26 – wiring devices, and as identified on the drawings. An updated section 00 01 10 is attached.

Question #5 Drawing ES101 – Room 103A is identified with typical CCTV Wiring Diagram Detail (no. 4). Please confirm that room designation should be noted as Room 013A.

Response:

013A is correct.

Question #6 Drawing ES101 – Hi POE power injectors noted within Enclosure Wiring Diagram Detail (No. 5) – please provide additional specification information addressing approved manufacturer(s) and performance requirements.

Response:

PEO injector to be 25.5W min, Gigabit rated, end point type, complying with IEEE 802.3AT. Manufacturers as per CISCO, Linksys or Trendnet .

Question #7 Section 01 57 13 Temporary Erosion and Sediment control is missing from the specifications. Please provide clarification

Response: 01 57 13 has been removed from the project. An updated Section 00 01 10 is included.

Question #8 Drawing H700 HVAC Schedules is included in the drawing set but not listed in any of the drawing schedules. Please provide clarification.

Response: Drawing H700 has been added to the List of Drawings and cover sheet - See attached.

Question #9 Drawing EF001 Fire Alarm Symbols, abbreviations and notes is missing from the set.

Response: An updated EF001 has been attached.

Question #10 Is the EC responsible for furnishing and installing the security system or will it be provided by the hospital's vendor? Conduit stubs only?

Response:

EC is responsible for furnishing and installing the security system. The scope of this project is an expansion of the existing campus wide system, so all work shall be coordinated with the existing system vendor.

Question #11 What type of Fiber should be installed from the generator building to room B13A? 50MM 12 strand?

Response:

As per ES101 detail 5. 12 strand OM3 50/125 indoor/outdoor rated.

Question #12 Who is responsible for painting of exposed sprinkler pipe in both new and existing areas?

Response: All work shown on F001 shall be removed from the project. G001 schedule of drawings has been updated.

Question #13 Is shift work required or will all work be done during normal working hours?

Response: **VA to confirm:** No shift work is expected other than when planning to interrupt electrical services. Majority of work is expected to be completed during normal working hours.

Question #14 Is the existing or new system to be wet pipe or dry pipe?

Response: All work shown on F001 shall be removed from the project. G001 schedule of drawings has been updated.