

**BON SECOUR MANAGEMENT, LLC**  
**1115 DEVEREUX LANE**  
**MECHANICSBURG, PA 17050**

RE: VAMC Martinsburg – Relocate Dementia Unit / RFI

1. Drawing E-504 Detail 1 Grounding System Detail and associated Key Notes 4, 6, 14, 18, & 19 indicate an exterior Grounding Counterpoise with connection to Lightning Protection down leads. Please provide a drawing to detail requirements, including the quantity and location of ground rods.  
*No drawing will be issued. Provide a triangular counterpoise grounding for the electrical service ground as detailed in key notes 11 and 12. For the lightning protection ground, provide a ground rod to each down conductor as described on Sheet E-701. The total quantity of rods is eight based on eight down conductors shown. Provide a loop counterpoise to connect each of the lightning protection ground rods and make connection to main ground bar. Loop counterpoise is specified as 1/0 copper in Specification 264100-3.1.Q. Follow specification for location requirements.*
2. Drawing TE-001 Communications Symbols indicates that all Security Devices are by the Government and the Contractor shall provide rough-in only. Will the Government also include the wiring, terminations, and system startup for the same? Drawing TE-601 CCTV SYSTEM MONITORING DIAGRAM indicates by note that 'All CCTV Systems Hardware shall be provided by the VA. Provide Boxes, Conduit, and Pull Strings as Required.' Is the wall rough-in to include an outlet box with a conduit stubbed to an accessible ceiling location only? If so, provide details of rough-in per type of device. Specification Sections 28 05 11, 28 05 13, 28 08 00, 28 13 11, 28 13 16, 28 16 11, 28 16 77, & 28 23 00 as written indicate that responsibility for these systems is that of this contractor, which is contrary to as previously noted on Drawings TE-001 Communications Symbols and TE-601 CCTV SYSTEM MONITORING DIAGRAM.  
*Per response to previous RFI, "the contractor shall provide the complete CCTV system per specifications."*
3. Drawing TE-111 Telecommunications First Floor RCP Plan indicates a 'BIOMED CONDUIT PATH' from BIOMED Room 248 to above the ceiling in Corridor 257. Please review and identify what conduit or conduit(s) by size and quantity are to be provided as part of this 'conduit path'.  
*Provide (6) 4" conduits.*
4. Specification Section 27 15 00 Pages 1674, 1687, & 1688 indicate that voice and data multi-conductor cables are to be Category 6, notations on Drawings TE-501 & TE-601 indicate this cable to be Category 5e. Please review and clarify which is correct.  
*Multi conductor cables shall be Category 5e.*
5. Review and clarify conduit/pathway requirements for 800-Pair copper and fiber from new Dementia Unit to Building 501 to Building 500 Room GD-100A. Drawings TE-112 & TE-603 indicate a 12" X 4" Wire Basket Tray from the new Dementia Building overhead via the Building Link to Building 501. As a single 800-pair count cable is not available, please advise the required quantity of smaller pair count cables. Also, review and confirm the conduit size/quantity requirements for those conduits with Communications cables extending from the Building Link tie-in point to Building 501 through the Building 501 Utility Tunnel and Building 500 Basement Interstitial Space to Rooms GD-100A and GA-127.
  - *Provide (32) 25 pair bundles of Cat 5e cables.*

- *12x4 cable tray as indicated on TE series drawings.*
  - *Sleeves from Building 501C to connector should be (6) 4" sleeves, and not (4) 4" sleeves as indicated on sheet TE-601.*
6. If Alternate #4 is accepted, the 800-pair count copper cable is intended to be installed within an underground ductbank, requiring the cable(s) to be suitable for an outside plant environment, also requiring overvoltage protection per the NEC. No space allocation or product specifications have been provided for the OSP protector units. Please review and provide this information.
- *As part of alternate #4, provide (6) 4" underground conduit in ductbank for new living center service tie-in to existing hospital services.*
  - *As part of alternate #4, the entrance facility and cable breakout with primary protection is located in Mechanical Room #150 per sheet TE-101, and "Technology Backbone Riser" on sheet TE-601.*