

SCOPE OF WORK

The contractor shall provide new batteries, labor, tools, testing and supervision to replace batteries in six (6) locations at the C.W. Bill Young VAHCS. The contractor will furnish batteries of brand name or equal quality and value as the ones being removed. The contractor shall dispose of all used batteries according to local codes.

Buildings 100 and 111 are located at the C.W. Bill Young Veterans Administration HealthCare System, 10000 Bay Pines Blvd, Bay Pines, FL 33744.

FURNISH BATTERIES

- The batteries required for item #1 are Data Safe 12HX300-FR, 40 cells
- The batteries required for item #2 are Data Safe 12HX400-FR, 40 cells
- The batteries required for item #3 are Dynasty UPS12-150MR, 24 cells
- The batteries required for item #4 are Data Safe 12HX100-FR, 24 cells
- The batteries required for item #5 are Dynasty UPS12-150MR, 24 cells
- The batteries required for item #6 are Data Safe 12HX205-FR, 80 cells

The batteries specified will fit on existing battery racks.

INSTALL AND TEST BATTERIES

The contractor shall install the new batteries using new interjar connectors and hardware. The batteries will be installed on existing battery racks. The contractor shall test each separate battery and each string of batteries upon completion to ensure good installation. This Acceptance Test will provide baseline information that will lay the groundwork for the maintenance history of the battery and guarantee all cells are meeting manufacturing specifications. The contractor shall furnish a full set of readings to the Electric Shop of the Acceptance Test.

The pallets and boxes shall be cleaned up from the jobsite upon completion.

The loads connected to the UPS cannot be shut down or powered off. The units will be put in bypass and the load will be uninterrupted.

TOUR OF DUTY

The work shall be performed during normal business hours. Normal business hours are 6:00 AM to 4:30 PM, Monday through Friday. Government Holidays will not be worked.

Once awarded, schedule the work with the Electric Shop giving two weeks' notice. Point of contact will be provided upon award.

SAFETY

Contractor shall have all necessary Personal Protective Equipment to perform the work safely. Tools, equipment and PPE shall comply with the requirements of OSHA Standard 29 CFR 1910, Subpart I, and NFPA 70E.

Attachment A

Scope of Work, work items, definitions, and testing shall comply with the latest edition of the following:

- a. NFPA 70, National Electric Code
- b. NFPA 70B, Recommended Practice for Electrical Equipment Maintenance
- c. NFPA 70E, Standard for Electrical Safety in the Workplace
- d. NFPA 99, Standard for Health Care Facilities
- e. NFPA 101, Standard for Life Safety Code
- f. NFPA 110, Standard for Emergency and Standby Power System
- g. IEEE Standards
- h. Manufacturer's recommendations & Instruction Manuals

Contractor shall have safety training – either on-the-job or class-room type in electrical safety outlined in the OSHA Standard 29 Code of Federal Regulations (CFR) 1910 Subpart S – Electrical and NFPA 70E – Standard for Electrical Safety in the Workplace. Training certifications shall be submitted to the VA Contracting Officer prior to work. If no training certifications are available, the contractor's employer shall certify that the service technician has met this requirement in writing and submit it to the VA Contracting Officer prior to work.

QUALIFICATIONS OF CONTRACTORS

Contractor shall be certified by the Inter – National Electrical Testing Association (NETA) as a NETA Certified Technician (or equivalent) and completed the Occupational Safety & Health Administration (OSHA) approved 30 – hour construction safety training.

Contractor shall have technical training and track records of working experience in the preventative maintenance, inspections and testing of UPSs and batteries in healthcare, industrial, educational and commercial facilities for a minimum of five (5) continuous years.