



PRODUCT DESCRIPTION

**DEPARTMENT OF VETERANS AFFAIRS
Office of Information & Technology
Facilities Management Unit (305A)**

UPS Battery Strings #2 & #3 Replacement

**Date: April 2013
TAC-FY-2013**

Product Description Version Number: 1.0

UPS Battery Strings #2 & #3 Replacement

TAC Number: TAC-13-08522

REQUIREMENTS:

Purchase and install six (6) UPS battery cabinets and one-hundred and forty-four (144) Valve Regulated Lead Acid (VRLA) UPS batteries, and required Cellwatch[™] battery monitoring system hardware to replace existing on battery strings #2 & #3 lead acid UPS batteries located in Rm. 160C (UPS Battery Room). See PWS Attachment -A for detail of existing installation. See PWS Attachment -B: New Installation of Strings 2 & 3 for detail of new installation. See PWS Attachment -C for sample of battery cabinet layout.

NOTE: Demo of existing lead acid batteries (strings #2 & #3) performed as part of the purchase of the new batteries. A certificate of disposal shall be provided to the Government upon completion of work.

Parameter	Attribute	Value

16v batteries (8 min backup @ 675kw/) 16V DC nominal (24 batteries per cabinet/string)	ENERSYS 16HX925F-FR (or equal)	144
Front terminal battery cabinets with main circuit breaker for over current protection. Cabinet dimensions are 6x5, Top Breaker is 50.0" Wide x 31.5" Deep* x 84.0" High) x 1 string	ENERSYS 16HX800F (or equal)	6
Warranty	3 year parts and labor w/ (7 year pro rated)	All equipment
Battery Monitoring System Hardware able to monitor the ohmic value of all the battery types every day. A Battery monitoring system that can monitor different battery voltages or different types of batteries on the same system. Automatically adjusts to 2, 4, 6, 8, 12, and 16 volt. Scalable.	Cellwatch [™] (or equal)	1
Demo UPS battery strings #2 & #3 after new batteries installed (No cost to Government)	N/A	1

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SCHEDULE FOR DELIVERABLES

Notes:

1. Delivery of VLRA batteries and cabinets NLT 2 months after receipt of order.
2. *Install battery cabinets and VRLA batteries

*(NOTE: Only one (1) UPS battery string can be taken off line at a time, which may require multiple weekend work (i.e. replace UPS string #2 on a weekend and then string #3 the following weekend).

3. Install required Cellwatch TM battery monitoring hardware on strings #2 & #3 and connect/program to existing Cellwatch TM monitoring system to achieve a fully operational battery monitoring system.
4. Demo ninety-six (96) lead acid batteries (strings #2 & #3).
5. Provide Government with documentation of disposal of batteries noted in item #2 above.

Inspection: AITC

Acceptance: AITC

Free on Board (FOB): AITC

Ship To and Mark For:

Primary: Name: David Lamb
Address: 1615 Woodward St. Austin, TX. 78772
Voice: (512) 326-6602
Email: david.lamb@va.gov

Special Shipping Instructions:

Prior to shipping, Contractor shall notify Site POCs five (5) business days before shipment, by phone followed by email, of all incoming deliveries including line-by-line details for review of requirements. Contractor cannot make any changes to the delivery schedule at the request of Site POC. The VAAITC loading dock hours are M-F 7:00 AM to 4:00 PM

Contractors must coordinate deliveries with Site POCs before shipment of batteries and associated cabinets to ensure sites have adequate storage space. All shipments, either single or multiple container deliveries, will bear the VA Purchase Order number on external shipping labels and

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associated manifests or packing lists. In the case of multiple container deliveries, a statement readable near the VA PO number will indicate total number of containers for the complete shipment (ex. "Package 1 of 2"), clearly readable on manifests and external shipping labels.

Packing Slips/Labels and Lists shall include the following:

IFCAP PO # _____ (i.e., 166-E11234)

Total number of Containers: Package ____ of _____. (i.e., Package 1 of 3)

Total number of Containers: Package ____ of _____. (i.e., Package 1 of 3)

NOTE: AITC UPS Battery String #1 Replacement Project

INFORMATION SECURITY CONSIDERATIONS:

The Certification and Accreditation (C&A) requirements do not apply and a Security Accreditation Package is not required.

N/A

All VA sensitive information shall be protected at all times in accordance with local security field office System Security Plans (SSP's) and Authority to Operate (ATO)'s for all systems/LAN's accessed while performing the tasks detailed in this Product Description.

a. POINT(S) OF CONTACT:

VA Program Manager:

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Email: david.lamb@va.gov