

## **Installation and Rental UPS/Generator Critical Power System**

**VA25713R0202**

### **Questions and Answers 12/7/2012**

Q- Is the contractor required to furnish engineered stamped drawings by an electrical engineer as part of this contract?

A- Shop drawings; stamped drawings are not required

Q- Do you know how long the intended rental timeframe is?

A- 8 months firm with 6 one month options; this will be corrected on the solicitation amendment to issued 12/11/2012

Q- We would like to request the specifications of the proposed ATO Switch (ATS-#3) to coordinate the installation of conduits overhead for the incoming and outgoing power requirements?

A- ATS specification will be posted as amendment not later than close of business 12/11/2012

Q- Is there a need for a CCM unit for the proposed ATO Switch for monitoring and if we are responsible to tie it in to the existing Cummins CCM communication loop?

A- Yes, the scope of work states a control and communication or notification system on page 10 of 67, #10. It states "System shall have a notification system to notify at least (8) AITC employees of key conditions such as loss of power, loss of UPS or generator, generator running, high temperature, etc. Phone line connection is required." The notification is not necessary for the ATS but to monitor the complete critical power system. This can be the same system that the contractor will be using to monitor the system remotely.

CCM will not be connected to the VA existing CCM system. It shall be a standalone system.

Q- We would like to request the existing ampere rating size of the panels to be fed from the proposed temporary power (Panel CPL #1 and Panel CPL #4).

A- The UPS load will be equally divided between CPL #1 and CPL #4. Example: If (2) 500KW UPS are supplied, (1) 500KW UPS will only be loaded at 90% or 450KW or 540A. The 540A will be equally divided between CPL#1 and CPL#4 at 270A each or 225KW. The second UPS is the N+1 back-up.

Q- What is the run time required for the proposed UPS System?

A- I think the question is what is the battery run time? The Battery run time shall be at least 6 minutes. If less than 6 minutes, it shall be stated in bid with an explanation.

Q- Please clarify or expand on what is requested for the tie-in to the existing fire alarm and security system.

A- VA is asking for notification if the system fire alarms such as smoke detector, release of fire protection system, etc. are activated. This can be the same system that the contractor will be using to monitor the fire protection system. At this point, since the VA doesn't know what system will be installed with the vendor critical power system, we are unable to provide additional information.

Security requirement is based on the VA monitoring access into the trailer. VA would like to install and connect door contact to UPS trailer at a minimum. This will be tie-in to the existing VA security system.

Q- The drawings indicate additional exterior security cameras to be installed. Is there any additional information available on the requirements of the proposed camera installation? Would there be an existing company that would be preferred for the installation so as not to breach any existing security requirements?

A- Yes, the VA will require its existing approve security company to be used to install (2) exterior cameras to monitor access around critical power system.

General Information:

Koetter Fire Protection (Fire protection and alarms)  
512-251-7888

Stephen Konze, Eddie Martinez  
Tech Systems (Camera, door security)  
512-739-4555  
Royce Cox

Q- For monitoring of the UPS and Generator sets the bid solicitation mentions to notify certain key individuals in case of an alarm. Is there a need to have this hard wired back and connected to the Building monitoring system or Building Energy Management System? If so, where are these locations in comparison to the proposed generator and UPS equipment?

A- The monitoring will not be connected to the existing BEMS however it will be connected to the existing security and fire protection systems. Both systems have a panel in room 140.

Q- The bid solicitation also mentions that a short circuit study and, arc flash study are required. This seems that would require a engineer to review the proposed drawings and additional time would be required for the drawings to be approved. It was discussed at the walk thru but not a definite decision was determined. Please clarify.

A- Please review NEC requirement and apply. The VA will be supplying the existing available fault current at the 800A circuit breaker in switchboard DA. However, you will need to determine your fault current from the generators. The contractor needs to also apply selective coordination per NEC. Government is unable to determine the capability of vendors to meet NEC.

Q- The UPS suppliers are asking for the minimum "run time" that the UPS will be required to support the installation.

A- I think the question is what is the battery run time? The Battery run time shall be at least 6 minutes. If less than 6 minutes, it shall be stated in bid with an explanation.

Q- Is this procurement considered a design build project?

A- No

Q- Name of the existing AITC Security system and contact info of local servicing contractor

A- Stephen Konze, Eddie Martinez  
Tech Systems (Camera, door security)  
512-739-4555  
Royce Cox

Q- Name of the existing AITC Fire Alarm system and contact info of local servicing contractor

A- General Information:  
Koetter Fire Protection (Fire protection and alarms)  
512-251-7888

Q- Would the awarded contractor be required to purchase and rent back to the VA Information Center?

A- The solicitation is not defining the contractor's method for supplying the critical power system. It is only defining the requirements of the critical power system that will be rented/leased for the time period stated.



Q- I would like to know if we can have a site visit and/or meeting to clarify potential issues and logistics that may be associated with this project.

A- The site visit was not mandatory and was conducted as per SF1442 page 1 and page 37 of the solicitation

Period of Performance as per Solicitation is 45 days form the issuance of the Notice to Proceed

Q- Will the solicitation period be extended?

A- No

Q- Regarding the solicitation for the referenced project, there was no mention to include a completed 1442?

A-See section 13 of 1442 for information pertaining to documents required

Q- And/or completed Representations and Certifications.

A- See page 40 of the solicitation

Q- Will you please verify if these documents are to be included with submission?

A- See section 13 of 1442 for information pertaining to documents required and page 40 of the solicitation for Reps and Certs