

# Proven Techniques Applied, LLC

Service Disabled Veteran Owned Small Business

February 22, 2012

Contracting Officer  
Department of Veterans Affairs  
James E. VanZandt VA Medical Center  
Acquisition Office (90)/Annex  
2907 Pleasant Valley Blvd  
Altoona, PA 16602-4337

RE: Questions for Solicitation VA244-12-B-0002, 480v Power Distribution / Project #503-10-123.

We are bidding the above referenced project as a prime bidder and request that the government answer the following questions via amendment so that all bidders have the same basis for bid.

1. Installing panel EMDP-4 inside the 350kw generator enclosure is causing real space issues and will likely cause the generator enclosure to be 4-6 feet longer. That equates to major dollars. Can the contractor install EMDP-4 as a NEMA 3R enclosure outside the generator enclosure?
2. Sheets 4-CU-1, GS-3, and 7-GS-1 all show an electrical pull box in the duct bank run between building 4 and building 7. The pull box is not shown on the electrical drawings. We don't think it is needed. Is it required?
3. Can the contractor get some relief in the event of copper escalation? Copper prices today are around \$3.80 per pound. Copper could easily be \$5.00 per pound within the 120 acceptance period shown on SF 1442 of the bid documents. With the large amount of 600kcmil wire on this project such an increase in the price of copper would cost over \$200,000.00.
4. The contract documents are silent regarding boring logs. Are boring logs available for the project site? Is rock excavation expected? Will rock excavation be handled under FAR Clause 52.236-2 Differing Site Conditions?
5. The bid items appear reversed when comparing note 13 on sheet CS-01 and notes on sheet E-3 with the bid form on page 5 of 48 in the Bid Schedule. Plans say buildings 4 & 7 work are part of Add Alternate No. 1. Bid Schedule says buildings 4 & 7 work is Add Alternate No. 2. Which is correct?
6. Please provide a concrete pad detail for the large 1500/2000kw generator. A substantial pad is needed. Construction details are requested.

**Duke Chapman, President**

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7. Section 26 32 13, paragraph 2.5 B calls for fuel oil day tanks with capacity for four hours run time. Are the day tanks to be installed inside or outside the generator enclosures? Are they to be free standing or subbase tanks?
8. Is a 2200 gallon subbase tank like that shown for the GPC generator on sheet 3-1-E1 required for each generator as well?
9. Regarding Section 26 32 13, paragraph 2.10, can the engine generator controller be generator mounted or must it be in a free standing separate enclosure?
10. Regarding Section 26 32 13, paragraph 2.13, where is each Remote Annunciator to be located? Inside the generator enclosures or in a nearby building?
11. Does the existing duct bank between the existing manhole at building 3 and the manhole near building 2 have sufficient spare ducts to pull Remote Annunciator and Exercising Control wiring between the gen set and the automatic transfer switches at building 1?
12. Is it the intent of the Phasing notes on sheet GS-5 to restrict trench and manhole excavation to weekends only?
13. On sheet GS-5 the scale is shown as 1" = 50'. On sheet E-02 the scale is shown as 1" = 60'. One of those scales is incorrect. Which is correct? It appears the scale on E-02 should be 1" = 40'. Please clarify.
14. If the Add Alternate that increases the building 1 & 3 generator size from 1500 to 2000kw is accepted are there any other drawing changes associated with the increase in kw? Does the 2500a generator breaker size, EMDP-2 size rating, or generator feeder size change?
15. Both gensets shown on sheet E-03 show their size rating in kva, not kw. A 1500 kw unit is a 25% larger than a 1500 kva unit. A 1500 kva unit is equivalent to a 1200kw unit based on a 80% power factor. Please clarify the size of the units required.

Again, we request the above questions be answered formally in an amendment to the solicitation.

Sincerely,



Duke Chapman

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# CVA CULPEPER VETERANS ASSOCIATES.

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4116 Walney Road, Suite A, Chantilly, Va. 20151. • Telephone: (703) 955-7160.

February 24, 2012.

To: Daniel P. Shea.

From: Mike Neilan.

Project: 480 Volt Power Distribution.  
Project # 503-10-123.  
Solicitation # VA244-12-B-0002

Ref.: Proven Techniques Applied, RFI's dated Feb 22, 2012.

## Responses:

1. Yes, panel EMDP-4 may be located on the exterior of the generator enclosure, nema type 3R with lockable doors.
2. Pull box is not required.
3. Coordinate with the COTR.
4. Boring logs are not available.
5. The bid schedule is correct.
6. Refer to concrete pad detail on drawing GS-4. Provide #6 bars in lieu of #5 bars.
7. Day tanks may be sub-base type.
8. No.
9. Controller may be generator mounted.
10. Refer to drawing E-01, electrical specification, #6, A. Coordinate remote annunciators with the COTR.
11. Yes, duct bank has spare.
12. Yes, it is the intent of GS-5 phasing note to restrict work to weekends only.
13. The scale on drawing GS-5 is correct.
14. Yes, sizes will need to increase to correspond with larger size.
15. KVA should read KW.

