

# CVA CULPEPER VETERANS ASSOCIATES.

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March 2, 2012.

To: Daniel P. Shea.

From: Mike Neilan.

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

Ref.: The Cherokee 8A Group, RFI's dated Feb 23, 2012.

Information / Clarification Requested:

Question #1: 1.3.E.1 section request unit to run at 110% of its rating. Sizes specified on the drawings are 350KW, 1500KW and 2000KW For the various base and optional bids, These are the highest Or "Standby" ratings from most generator manufactures. If 110% of these published ratings are required, Caterpillar Would need to provide 400KW for the 350KW and 2000KW For the 1500KW and 2250KW for the 2000KW. If the max. Ratings desired are the 350KW, 1500KW and 2000KW ratings we would suggest that the VA could change the 100% ratings be listed as 318KW plus 10% overload (350kw), 1363KW plus 10% overload (1500kw) and 1818KW plus 10% overload (2000kw) The 100/110% Rating is shown on several instances in the specs. Such as but not limited to 2.1C.3, 2.6.B, 2.7.B.3 AND 3.2.D.1.b

Answer: Generator sizes specified include the 110% requirement.

Question #2: 2.2D-BMEP limit(s) are not provided Advise if manufacture standard BMEP values will be acceptable.

Answer: Standard BMEP values are acceptable.

Question #3: Drawing E-03 18 of 19 dated 9/26/2011 Generator rating are listed As KVA not KW Advise which is correct.

Answer: KVA ratings should read KW.

Question #4: Drawing E-03 18 of 19 dated 9/26/2011 Advise if Panel EMDP-4 is Located inside the generator enclosure and who providing this.

Answer: Panel EMDP-4 is provided by the electrical contractor, and is located in the enclosure.  
Contractor has option to provide NEMA type 3r panel and locate outside of enclosure.

Question #5: Fuel System- The fuel system shows return lines from the Genset Sub base tank, however we would typically consider these to be Overflow lines and should be pumped please Advise.

Answer: Overflow lines should be pumped. Coordinate with generator supplier.

Question #6: Please verify that all ATS's are Open Transition & Bypass Isolation.

Answer: We concur.

Question #7: The Panel Schedule and Drawings do not show any TVSS's but there is a Spec. Section that references the TVSS's. Are they required if so what panel will feed them and how many??

Answer: No, they are not required.