

**THE PORT AUTHORITY OF NY & NJ**

**PROCUREMENT DEPARTMENT  
2 MONTGOMERY STREET, 3<sup>RD</sup> FL.  
JERSEY CITY, NJ 07302**

8/28/2013

**ADDENDUM # 2**

To prospective Bidder(s) on Bid # 34466 for Generator Accessories for Newark Liberty International Airport

Due back on 8/30/2013, no later than 11:00AM

**BIDDER'S QUESTIONS AND ANSWERS**

The following information is available in response to questions submitted by prospective Bidders. The responses should not be deemed to answer all questions, which have been submitted by Bidders to the Port Authority. It addresses only those questions, which the Port Authority has deemed to require additional information and/or clarification. The fact that information has not been supplied with respect to any questions asked by a Bidders does not mean or imply, nor should it be deemed to mean or imply, any meaning, construction, or implication with respect to the terms.

The Port Authority makes no representations, warranties or guarantees that the information contained herein is accurate, complete or timely or that such information accurately represents the conditions that would be encountered during the performance of the Contract. The furnishing of such information by the Port Authority shall not create or be deemed to create any obligation or liability upon it for any reason whatsoever and each Bidder, by submitting its Bid, expressly agrees that it has not relied upon the foregoing information, and that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever. Accordingly, nothing contained herein and no representation, statement or promise, of the Port Authority, its Commissioners, officers, agents, representatives, or employees, oral or in writing, shall impair or limit the effect of the warranties of the Bidder required by this Bid or Contract and the Bidder agrees that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever. The Questions and Answers numbering sequence will be continued sequentially in any forthcoming Addenda that may be issued.

<b><i>Question # 1</i></b>	What type of trailer does the customer require? An open bed trailer or an enclosed one? They mention that they want the transformer to weather-proof, but then they mention mounting items on the wall? I assume it is their intention to place a weather-proof transformer in an enclosed trailer? Please verify?
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<b><i>Answer # 1</i></b>	<p>A. The Transformer Package consists of an open bed trailer with the following mounted on it. One transformer, one 480 volt fused switch, one 5 KV fused switch, 25 feet of 480 volt cables connecting the trailer mounted transformer package with the 2000 KW trailer mounted generator (generator by others), and provisions for storing all the 480 volt portable cables and hardware connections on the trailer.</p> <p>B. The transformer shall have a weather-proof enclosure (NEMA 3R for outdoor use). The reference to the Side-wall mounted terminations are the side wall of the transformer for easy coupling to the 5 KV and 480 volt fused disconnect switches furnished in weather-proof enclosures (NEMA 3R or 4XSS for outdoor use).</p> <p>C. The 5 KV fused switch shall have Elastimold medium voltage Elbow type female terminations to enable connection of the transformer package to the 5 KV loads in inclement weather.</p> <p>D. The 480 Volt fused switch shall have means for connection of 480 volt cables (2,500 amps) to the generator.</p>
<b><i>Question # 2</i></b>	<p>Does the trailer need ventilation? The transformer is rated for 40C ambient. I guarantee that with the doors closed and the sun beating on the trailer on a hot day that the trailer inside temperature will exceed 104C. if they want ventilation, then we will need to know the heat rejection of the transformer and the customer should provide some guidance on what they expect for ventilation.</p>
<b><i>Answer # 2</i></b>	<p>The weather-proof enclosure refers to the 5 KV and 480 volt fused disconnect switches and associated connection means, they not need ventilation.</p>
<b><i>Question # 3</i></b>	<p>What is meant by “side wall mounted primary and secondary terminations”? Do they want a junction box with bus bar? Why not terminate the transformer primary and secondary right on the disconnects?</p>
<b><i>Answer # 3</i></b>	<p>The reference to Side wall terminations was to preclude of Substation type transformers where the terminations are on top.</p>
<b><i>Question # 4</i></b>	<p>What portable cables are required? It is my understanding that we are terminating the transformer primary and secondary at the disconnect? The portable cable request is vague and needs to be clarified?</p>
<b><i>Answer # 4</i></b>	<p>Correct. The transformer primary and secondary terminations will be at the fused switches. The trailer mounted step-up transformer is part of a package that also includes a 2000 KW trailer mounted generator. The cables are required to connect the transformer to the trailer mounted 480</p>

	volt generator. The requirement for provisions of bottom entry into the fused switch enclosures is for the complete package (generator and transformer) connection in inclement weather.
<b>Question # 5</b>	I do not understand how the NEMA 4X enclosure fits into the design? Where is it mounted? What style receptacles do they want? Do they want a 2500A receptacle for the 480V primary? Do they make such a receptacle? Can EMS provide pricing through Meltric? This section is also vague and needs to be explained further?
<b>Answer # 5</b>	The Vendor provides means of connections in weatherproof NEMA 4X stainless steel enclosures with vandal proof hardware doors is for connection between the 5 KV load and the transformer. This connection is by female Elastimold medium voltage Elbow type terminations. Vendor also provides Molded Locking connectors for the 480 volt cables connection between the transformer and 480 volt generator. The vendor shall provide bottom entry into the means of connections enclosures for all cables including the grounding and bonding jumpers. The 5KV medium voltage Male Elbow type terminations and 5 KV cables are provided by others. Furthermore, the vendor shall provide for storing all the portable cables and hardware connections on the trailer.
<b>Question # 6</b>	“PT’s, BCT’s and Lightning Arrestors should be supplied”. For what? What is a BCT? What are the PT’s wiring to? A meter of some sort? Again this area is vague and undefined.
<b>Answer # 6</b>	The transformer will act as a Load bank when testing the 480 Volt generator. The PT;s, BCT’s are required to measure the load that is on the generator. BCT means <b>B</b> ushing <b>C</b> urrent <b>T</b> ransformer.
<b>Question # 7</b>	“Provisions shall be made to couple the transformer and generator”. What does this mean? Again, I was under the impression that we were being asked to mount a transformer in a trailer? We can do more but someone needs to explain what is meant by “couple the generator and the transformer”? Does this part refer back to the portable cables? Are we required to supply cables to connect the two? If so I do not see any mention of a distance?
<b>Answer # 7</b>	The step-up transformer serves as a connection between a 2000 KW, 480 volt trailer mounted generator and the load on the 5 KV side. The transformer Vendor shall supply the means of portable (cable) connection between the transformer 480 volt side to the generator. The distance between the generator and the transformer is 25 feet.

The distance between the trailer mounted generator and the trailer mounted transformer is 25 feet. The 480 volt and grounding connections between them will be longer. The Vendor shall verify the actual distance required for the connections.

This communication should be initialed by you and annexed to your Bid upon submission.

In case any Bidder fails to conform to these instructions, its Bid will nevertheless be construed as though this communication had been so physically annexed and initialed.

THE PORT AUTHORITY OF NY & NJ

Kathy Leslie Whelan, Assistant Director  
Commodities and Services Division

BIDDER'S FIRM NAME: \_\_\_\_\_

INITIALED: \_\_\_\_\_

DATE: \_\_\_\_\_

QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO  
KATHY LESLIE WHELAN, WHO CAN BE REACHED AT (201) 395-3429 or at  
kleslie@panynj.gov.