



Alabama Port Authority
Addendum to R&P or Specification Booklet

Project Name APA Switchgear and Transformer Refurbishment

Project No. 11173 **Task No.** 02 **Addendum No.** 2

To: Prospective Bidders **Date:** 5/31/2023

The following items are responses to questions received and clarifications regarding the Requisition and Proposal. Plans and specifications are hereby amended as follows:

Item	Description
1.	<p>Question: <i>Can all the equipment be inspected and tested under one (1) mobilization?</i></p> <p>The security cameras and warning sirens are two critical systems that affect the outage and have to be addressed. Maximum outage should not extend beyond 4 days and not over the weekend.</p>
2.	<p>When testing, will the entire bus be de-energized for outage testing? Or will it be one side at a time?</p> <p>Yes, the entire system can be de-energized during the test. The outage will have to be scheduled.</p>
3.	<p>Will we be able to make a return mobilization to correct defective parts?</p> <p>Yes</p>
4.	<p>Can work be performed without having replacement parts on hand since some items may have long lead times?</p> <p>Yes</p>
5.	<p>Without knowing which parts and how many need to be replaced prior to outage inspection, should we provide a budget number for the proposal?</p> <p>- This was addressed in Addendum 1; additional parts will be covered under a change order.</p>
6.	<p>For the <u>15kV Switchgear</u> in the Primary Switchgear Building,</p> <p>Are we not testing both Steam Plant Feeders and Associated equipment?</p> <p>The steam plant was never constructed, and equipment is not part of scope.</p> <p>Are we to test the Bus PTs?</p> <p>Yes, this is assumed as a minimal part of the Switchgear testing.</p>



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7.	<p><i>For the 12.47kV Switchgears in the Vaulted Switchgear Room,</i></p> <p><i>Are we to test the switchgear and associated components or just the switches?</i></p> <p>Yes, test the switchgears and associated components and the 6 switches, test - and maintenance for 3 in Vault 1 & 3 in Vault 2.</p>
8.	<p><i>For the 12.47kV XFMRs in the Vaulted Switchgear Room,</i></p> <p><i>Do you want Power Factor and Excitation Tests performed?</i></p> <p>Yes, this is assumed as a minimal part of the transformer testing.</p>
9.	<p><i>For the 480V Switchgears in the Vaulted Switchgear Room,</i></p> <p><i>Are we to test the switchgear, circuit breakers, and associated components?</i></p> <p>Test and maintenance for the 2 breakers feeding Power Panel PPA & 2 breakers feeding Power Panel PPB.</p> <p><i>Do we test all (3)?</i></p> <p>Yes, testing and maintenance for the 3 breakers in PPA & 3 breakers in PPB.</p>
10.	<p><i>We are currently pursuing an Alabama contractor's license; will this be an issue?</i></p> <p><i>We cannot open a bid envelope that does not have the Contractor's Alabama license number on the outside.</i></p>
11.	<p><i>Do we need to include replacing the breaker test stand in the main 15kV switchgear room?</i></p> <p>Yes, modify the scope to include a replacement Breaker Test station in the 15kV Switchgear Room. This has been included as Item 8 in the revised Contractor's Proposal Sheet below.</p>



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Middle Bay Port Switchgear and Transformer Refurbishment Contractor's Proposal				
The Contractor hereby agrees to perform the specified work for the prices outlined in the following schedule. All items listed shall be performed in accordance with this requisition and proposal and all referenced documents.				
Description	Est Qty	UOM	Unit Price	Value
1.a Testing and maintenance of two 15kV Switchgear Incoming Line Sections in the Primary Switchgear Building.	1	EA	LS	\$ _____
1.b Testing and maintenance of main 15kV switchgear Bus Tie Breaker in the Primary Switchgear Building.	1	EA	LS	\$ _____
1.c Testing and maintenance of three main 15kV switchgear in Primary Switchgear Building.	1	EA	LS	\$ _____
2. Replacement Siemens Lift Truck for 15kV breakers	1	EA	LS	\$ _____
3. Perform megger test on the four 15kV cables	1	EA	LS	\$ _____
4. Perform testing and maintenance on six 15kV switches in two 12.47kV switchgears	1	EA	LS	\$ _____
5. Perform testing and maintenance on four 12.47kV/480V transformers.	1	EA	LS	\$ _____
6. Perform testing and maintenance on the 480V MCC 4 breakers.	1	EA	LS	\$ _____
7. Recondition one spare Siemens RLF-1600 480v breaker.	1	EA	LS	\$ _____
8. Replacement Breaker Test station in the 15kV Switchgear Room.	1	EA	LS	\$ _____
<u>TOTAL BID</u>				\$ _____

Please indicate your receipt of this addendum by adding the addendum number in the appropriate place in your Requisition & Proposal or Specification Book.



 Thomas M. Alvarez
 Project Manager