



Alabama Port Authority
Addendum to R&P or Specification Booklet

Project Name 2022 Pinto Crane Buckets

Project No. 10986 **Task No.** 02 **Addendum No.** 1

To: Prospective Bidders **Date:** 8/2/2022

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>In regards to the delivery of the units, will the trucking company/truck driver have to have TWIC card and a Port card along with the decal in the window in order to be able to deliver the units?</i></p> <p>Answer: While a TWIC card and Alabama Port Authority (APA) decal would make things easier – it is not specifically required for the delivery driver to possess these to deliver the buckets to Pinto – Pinto staff can provide an escort for the driver if required for the delivery. Note: For start-up assistance and final bucket testing – the supplier’s personnel should have TWIC – but exceptions are handled on a case by case basis.</p>
2.	<p>Question: <i>Section 3.8, What are you looking for as for as connecting the electrical through the interface beam?</i></p> <p>Answer: There is a vertical cable with (56) 2.5mm conductors running from the trolley to the headblock. We expect there to be approx 36-44 conductors available to get power and control to the new bucket via a Weidmuller type connector that would come from the headblock. Note: This is an existing connector that currently connects from the headblock to the rotator. The rotator would be removed from the crane for bucket operation. APA expects that final details of the connection would be coordinated with the bucket supplier once the actual bucket details and requirements are confirmed.</p>
3.	<p>Question: <i>Section 3.11, What materials will the replacement bowls be used for? 200-lb. material? 300-lb. material?</i></p> <p>Answer: The actual materials to be handled in the future cannot be confirmed at this time. At this time Pig Iron is a potential for the 200-lb range and HBI for the 300-lb range.</p>
4.	<p>Question: <i>Section 3.13, paragraph 2, what is it you will be expecting from the bucket supplier?</i></p> <p>Answer: Section 3.13, paragraph 2 reads:</p> <p>“In addition, the Supplier shall assist APA in confirming all required control interface for the buckets has been included in the Bucket Mode on the existing Cranes and shall be available to assist in the initial start-up commissioning of the buckets.”</p>



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	<p>To clarify these requirements; a) During the design phase of the project, the bucket manufacturer shall provide engineering support to coordinate/confirm the detailed requirements for the bucket power and control with APA/Aptim/ABB to be sure all required electrical interface is accounted for and confirmed on the crane/control side; and b) At the first test operation of each bucket, the bucket supplier shall be present to confirm proper mechanical and electrical connections, confirm proper power and control signals to the bucket and to confirm proper bucket operation.</p>
<p>5.</p>	<p>Requisition and Proposal, Specifications, Section 3.8, add new paragraph 4 as follows</p> <p>“The interface beam shall include a dummy receptacle for the plug from the interface beam to the bucket so that the plug is properly protected when not connected to the bucket.</p>
<p>6.</p>	<p>Requisition and Proposal, Specifications, Section 3.9, modify the third paragraph to read as follows:</p> <p>“The stand shall be arranged to support the interface beam at a comfortable working height for any maintenance work and so that all auxiliary components of the beams (including the chains and connections) are supported and kept off of the ground.”</p>

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

Project Manager:

James J. "Josh" Bell, P.E.
Project Manager

8/2/2022

Date