



Alabama State Port Authority
Addendum 2 - Date: 7/20/2020
Replacement of Rail Car Dump #2 and the Take-Away System
Bid Opening Date: 8/26/2020 at 10:00am

Subject: Second Round of Questions & ASPA Responses

- 1. Need more (longer, at least the length of a full train) track data on ingo side in order to properly size the positioner drives, arms, etc.**

Answer: Survey has been contracted and will be available during the week of 27 July.

- 2. Confirm 144 second cycle time. Based on 25 dumps per hour [3600 seconds (one hour) divided by 25 dump cycles per hour].**

Answer: This time does not appear to be adjusted for inefficiency. The cycle time shall be based on achieving the future 6,000 Tph design rate considering inefficiency. Tandem dump
E.g (236 T/cycle) (hr/6,000T) (3600 sec/hr) (0.90) = ~127 sec. This cycle time will easily achieve the unloading of a 110 car train in no more than 4 hours.

- 3. Confirm existing positioner drawings and foundations - have modifications been made to existing positioner?**

Answer: None that could be found from available drawings or personnel recall.

- 4. Are existing positioner foundation load ratings available??**

Answer: Positioner foundation was designed in 1982, no foundation calculations have been found. In March 2009 a 65 car string was referenced in a Study. Study simulations were performed confirming the positioner was capable of handling a 65 car string.

- 5. Confirm required North American steel and manufacturing (where possible).**

Answer: Refer to Answer to Question #5 of ASPA Prebid Meeting Q&A-20200715(Final) released on 7/17/2020.

- 6. Confirm locomotive locations on the train (beginning, mid, end).**

Answer: Front or beginning of train

- 7. Confirm paint color.**

Answer: McDuffie Green

- 8. Are bidders required to handle three-month storage for all equipment?**

Answer: Bidder is responsible to prepare and protect the equipment for three months storage on site before leaving the shop and during shipment (Ref: SPE-001-RCD2 Para 5.5.a.i thru x summarizes the preparation requirements). Bidder will not be responsible for handling the equipment protection while on Site. However, Bidder is responsible to describe, for the installation contractor, the work associated with storage on Site (Ref: SPE-001- RCD2 Para 2.1.14.b Installation and Commissioning Manual)



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9. Confirm "Trial Assembly" is just for the end rings.

Answer: Refer to Answer to Question #9 of ASPA Prebid Meeting Q&A-20200715(Final) released on 7/17/2020.

10. Please provide the level of "Load Testing" is required.

Answer: Load testing here refers to applying electrical power to motors, simulation of the PLC program, operation of gearboxes, load testing of the hydraulic cylinders for leakage and other testing to minimize issues during startup. (Ref: SPE-001-RCD2 Para 2.2.a.ii)

11. Is there a preferred vendor or particular product name required for the wear liners mentioned in 5.5(g) within TAS spec?

Answer: There is not a preferred vendor. However a reference would be SAS Global's RapidFlow Premium Surface Carbide overlay Plate, (a polished Chromium Carbide surface). This was the liner used by Solids Handling for their product flow testing.

12. Confirm first fills responsibility. Successful bidder would need to ship barrels of oil. This is typically the installation contractor's responsibility.

Answer: Bidder shall recommend the lubricants and specify the volumes per each major component. Supply will be either by the installation contractor or ASPA. (Ref SPE-001-RCD2 Para 2.1.2.l; 2.1.3.f; 2.4.l; and SPE-002-TAS2 Para 2.4.k will be revised accordingly)

13. Area classification is listed as Class II, Division I, Group F. Confirm field panels, instruments, pushbuttons, etc. can be NEMA 4X instead of NEMA 9.

Answer: Spe-001 RCD2 Para 7.1.2.c and SPE-002 TAS Para 7.1.2.c both specify NEMA 4X

14. Do dumper drive motors need to be TEFC-XP and rated for Class II Div I Group F?

Answer: Yes, as specified in the RCD2 Spec Para 7.1.2.

15. Confirm existing coupler location sensors are being removed.

Answer: At ASPA option. Bidder's recommended system to be evaluated.

16. Can a drawing be provided showing the boundary limits of the hazardous area classification?

Answer: No drawing exists. Assume Class II Div 1 Group F within a 50 foot envelope beyond the perimeter of the vault.

Regards,

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