



## Alabama State Port Authority

Addendum 1 - Date: 7/17/2020

Replacement of Rail Car Dump #2 and the Take-Away System

Bid Opening Date: 8/26/2020 at 10:00am

Subject: ASPA 7/15/2020 Pre-Bid Meeting Questions & ASPA Responses

1. **Note to Suppliers: Please direct all technical questions in writing to Scott Wallace.**

Email: [swallace@asdd.com](mailto:swallace@asdd.com)

2. ***Is carbon steel pipe acceptable for the hydraulic system?***

**Answer:** Yes, carbon steel is acceptable.

3. ***What percentage of a full railcar needs to be held and returned in the event of a clamp failure?***

**Answer:** In the event of a clamp failure, the dump shall be aborted, and the remaining clamps shall be capable of holding and allowing the car to safely return to its seated position with 10 to 15% residual material left in the car at max rotation i.e. 180°.

4. ***Who is responsible for foundation design?***

**Answer:** The RCD/TAS Supplier is responsible for providing the foundation design geometry, anchor bolt patterns and foundation loads, which shall be used by the installation contractor for the final design of the foundations.

5. ***Is USA steel sourcing a project requirement?***

**Answer:** USA steel sourcing is not required. Mill certs should be provided for all material used.

6. ***Is there an anticipated project delivery and installation schedule?***

**Answer:** No official schedule has been established. Currently anticipating 18 to 24 months for project completion. Lead Time schedule requested of Suppliers per Requisition & Proposal document.

7. ***Is there an anticipated award date?***

**Answer:** No official award date has been established.

8. ***Is this going to be a public bid opening?***

**Answer:** Yes, this is a public bid opening. Only the cost figures will be announced. No technical details will be made public.

9. ***What level of trial assembly is expected?***

**Answer:** End rings are critical and must be pre-assembled, match-marked, dowelled or other means to replicate the assembly and alignment in the field. Other trial assembly is at Supplier's discretion to ensure proper fit-up in the field.

10. ***What is the performance rate for testing?***

**Answer:** The actual testing for design rate at 6,000 T/h would not be possible due to constraints in the downstream system. Supplier will have to prove mathematically and/or through modeling the system



**Alabama State Port Authority**  
**Addendum 1 - Date: 7/17/2020**  
**Replacement of Rail Car Dump #2 and the Take-Away System**  
**Bid Opening Date: 8/26/2020 at 10:00am**

is capable of achieving 6,000 T/h. Actual performance testing will be based on downstream capacity outlined in the Specification for each type of coal. Supplier is responsible for calculating all cycle times.

**11. With respect to Preferred Vendors list, are there other vendors?**

**Answer:** There are no additional preferred vendors other than those listed in the Attachment 3 to the Specifications. ASPA's desire is for commonality of spares where possible. Standard, readily available components shall ONLY be used. Avoid custom and proprietary components.

**12. What is the Plant PLC system?**

**Answer:** Allen Bradley.

**13. Are drawings available for existing electrical utilities and building?**

**Answer:** No current drawings are available. The building was installed in 1981, and numerous changes have occurred. Site inspection will be necessary for final design. The building is equipped with climate control.

**14. Is there a preferred vendor for profile scanning of hopper level?**

**Answer:** Several different suppliers are being used on site. ASPA desire is to not be tied into one vendor, and components shall be readily available.

**15. Is there a hydraulic building? What fire protection is needed for the hydraulic building? Where will the hydraulic building be located? Is HVAC required?**

**Answer:** There is no hydraulic building today. A new building is required. Fire protection shall be provided as called out in the Specification (FM200, waterless). HVAC is required per Spec.

**16. Where will the hydraulic building be located:**

**Answer:** The location described in the specifications as being centered on the dumper will interfere with the drives. See sketch below.





**Alabama State Port Authority**

**Addendum 1 - Date: 7/17/2020**

**Replacement of Rail Car Dump #2 and the Take-Away System**

**Bid Opening Date: 8/26/2020 at 10:00am**

**17. Are specific items identified for Autolube v. Manual lube?**

**Answer:** Autolube shall be installed for any items requiring lubrication more frequently than every 6 months. Examples are trunnion wheels, rack and pinion drives and positioner components (*ASPA to confirm*).

**18. ASPA Comment: Centerline of Rotation test shall be performed following installation.**

**19. Are there any Manufacturing Hold Points for ASPA inspections or visits during fabrication?**

**Answer:** There are no formal Hold Points. Visits by ASPA representatives will be made periodically, and scheduled to suit critical manufacturing milestones. (eg. end ring assembly, platen assembly).

Regards,

Dillon B. Sims  
Associate Buyer  
Alabama State Port Authority  
251-441-7676  
[dsims@asdd.com](mailto:dsims@asdd.com)