



**Alabama State Port Authority**  
**Addendum 1 - Date: 9/15/2023**  
**SR5 & SR6 Controls Upgrade**  
**Bid Opening Date: 9/22/2023 at 10:00am**

**Subject:** Questions & ASPA Responses

1. The project requirements list overseeing removal and installation of new equipment and devices however, the specifications also seem to contain requirements for providing the actual installation. Please clarify if this project is intended to be turn-key with installation included or if our proposal should include design and supply with technical support only with actual installation by others.  
**Answer:** The installation will be done with McDuffie Coal Terminal Contractors that currently hold the maintenance contract with the state. Proposal should include design, supply, with technical, and overseeing removal/installation.
2. The project requirements include providing new raceways: cable tray, conduit, and cable for field I/O and other electrical equipment. These items are typically provided by the installer who determines the final routing of the raceways during installation. If the project is design and supply only, will these items be provided by the installer?  
**Answer:** Materials provided by the state will be specific to cable tray, conduit, flex, lights, cameras and cooling and heating equipment. This project is design, supply, and oversee installation of new equipment with technical support.
3. The operator cab section discusses only the operator chair. Is the intent to install the new chair into the existing cab? This could prove to be difficult and time consuming and it may be beneficial to replace the cab entirely.  
**Answer:** New operators cab should be listed as an option including cost, lead time, brand, and warranty.
4. The pricing breakdown item #3 requires electric house pricing. We assume this item is for full replacement of both electric houses to reduce installation time and costs. Are there any specifications for the new electric houses?  
**Answer:** New electric e-houses should conform to wind load ratings and vibration specific to the area and machine. With a minimum of r-13 insulation value for our area.
5. The pricing breakdown item #6 requires pricing for exterior lighting. Are there any specifications for quantity or type of lighting to be provided?  
**Answer:** Item #6 lighting for companies bidding the Electrical, Instrumentation, and Controls upgrade is specific to MCC, s and cabinets. A separate lighting package will be performed during this outage outside of the bidding scope.
6. The pricing breakdown item #7 requires pricing for cable loop & wiring. We assume this item is for replacement of the rotating cable loop. Are there any specifications for this item?  
**Answer:** Disregard this section, McDuffie will take care of this with state approved contractors.



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7. The pricing breakdown item #8 requires pricing for unit substation transformer. We assume this is a replacement for the transformer located in the lower electric house. Please provide details of the existing transformer and any specifications for the replacement.

**Answer:** Disregard this section, we have a company coming in to service the existing transformer.

8. The pricing breakdown item #9 requires pricing for boom conveyor. Is this item for boom conveyor controls (VFD/Soft Start/Across-the-line starter) or are there actual conveyor components to be included? Is there a scope of work or specification for what this item is to include?

**Answer:** The price item #9 is specific for VFD and not any part of the actual conveyor belts, rollers, frames, pulleys or belt scrappers. But would like to see recommended brand and serial numbers for belt alignment and zero speed devices.

9. Section 1.3.10.4.9 describes the requirements for new motors. Which motors are to be replaced as part of this project?

**Answer:** Section 1.3.10.4.9 pertaining to motor requirements and needing to be replaced should be current motors installed evaluated to meet specification for controls upgrade being submitted. Any motors that do not meet the required controls upgrade specification should be listed as an option for replacement. Motors that meet this specification currently on the machine do not need to be replaced.

10. Section 1.3.10.4.11 describes the requirements for motor control centers. Is the intent of the of the specification to put all of the motor starters into pre-packaged motor control centers.

**Answer:** The intent of section 1.3.10.4.11 is for motor starters to be installed into cabinets ready for install into existing MCC' s, or into the new MCC option if ASPA chooses that option upon the award of contract.

11. Section 1.2.1.8.1.1; Is the Rockwell Gold Level Systems Integrator requirement in addition to the described 20 years of experience or will the company experience suffice to qualify bidders?

**Answer:** ASPA will recommend Rockwell Gold Level Systems Integrator requirements but will also be evaluated on past experience.

12. The specifications seem to require a server client configuration for the two HMI workstations on the SR. With only two workstations, would a simple, more common, stand-alone HMI be acceptable; one in the cab and the other in the lower electric room?

**Answer:** Cab and lower e-house is acceptable.



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13. Please clarify the existing communication used for connection to the coal yard control system. What is the new PLC communicating with on the coal yard side? Can we assume that the existing cable reel and fiber optics are fully functional? Is this communication to remain as is?

**Answer:** Fiber optics embedded in the festoon cable leading to the machine are damaged. We are currently looking to replace. Please provide option for new cable reel with a drive and new high voltage cable.

There will be another Addendum issued on Monday, 9/18/2023 with the answers to the final list of questions that we received.

Regards,

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