



Alabama State Port Authority
Requisition and Proposal

Project Name McDuffie Pond Water Recycling Facility / Project# 10360

To: Prospective Bidders

Date: 7/13/2017

Please procure the following and deliver to the address below:

<u>Delivery of Proposal:</u> Alabama State Port Authority Location identified below in Notes #1	<u>Delivery of Purchase or Performance of Work:</u> Alabama State Port Authority McDuffie Terminal Mobile, AL
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Description of Work
<p>This Requisition solicits Lump Sum proposals to perform construction activities for installation of a new Pond Water Recycling facility at the Alabama State Port Authority (ASPA) McDuffie Coal Terminal facility. The project includes, but is not limited to, the supply and installation of tanks, piping, pump, foundations, structures, wiring, conduit, controls, etc. required to pump clarified pond water from the McDuffie settling pond to a new water truck filling station. Work will be in accordance with the requirements stated herein, attached Installation Specification, reference documents and drawings, Insurance Requirements, and applicable State of Alabama Laws.</p> <p>The work is civil, structural, mechanical and electrical in nature, and consists principally of providing bonds, insurance, supervision, labor, materials, equipment, and structures necessary for a complete operational facility. Work will include but is not limited to fabrication and installation of a new pump sump, gravity water line, water storage tank, transfer pump, strainer and truck loading station with all necessary structures, foundations, supports, electrical and control wire, conduit and panels as indicated in the contract documents to utilize clarified pond water in water trucks for road dust suppression. The project site is located at the southeast corner of the Alabama State Port Authority McDuffie Coal Terminal in Mobile, Alabama.</p> <p>A Pre-Bid Meeting and project walk-through is Scheduled for 9:00 A.M. on Thursday, June 29, 2017 at the McDuffie Facility, 1901 Ezra Trice Blvd in Mobile, AL 36602. Bidder attendance is MANDATORY.</p> <p>All Contractors submitting bids are to carefully examine the site of the proposed work and thoroughly review the contract requirements prior to submission of a bid proposal. Each Bidder shall satisfy oneself as to the character, quality, and quantities of work to be performed, and as to the requirements of the proposed contract. The submission of a proposal shall be proof that the bidding Contractor has made such examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the proposed Contract. On bids of \$50,000 or more, bidding Contractor must hold a current license from the State Licensing Board for General Contractors, Montgomery, AL, with the classification being General Contractor.</p> <p>The work performed under this contract shall not commence until the Contractor has submitted a Performance Bond, Labor & Material Bond, and acceptable Certificate of Insurance. Performance Bond shall be in an amount equal to 100% of the contract Lump Sum price; Labor & Material Bond equal to 100% of the contract price; and Certificate of Insurance shall be as per the attached requirements and countersigned by a licensed resident agent in the State of Alabama.</p>



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Description of Work continued

The Contractor will be required to complete the work under the Contract within 120 calendar days after receipt of a "Notice to Proceed". The work will have to be scheduled and performed in a manner that will not interfere with operations of the facility. Any construction activity that may interfere with or effect operations at the Terminal or the settling pond will have to be coordinated with ASPA operations and environmental groups. ASPA intent is that work hours will be during normal day light hours. The installation of the Pond Water Recycling Facility will have to be coordinated with work for paving the road adjacent to the construction site. The road paving will also include installation of the duct bank for the electrical power supply for the Pond Water Recycling Facility coming from the Southeast ECC which will run under the roadway.

The Contractor shall comply with all Federal and State laws, local ordinances and regulations, and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the work, or which in any way affect the conduct of the work.

The Contractor shall place a competent superintendent on the Project who shall have experience in the work being performed under the Contract. The assigned superintendent shall have the responsibility for the day-to-day operations of the work and shall remain on the Project site while the work under the Contract is being performed.

Scope of Work

This project is for installation of a facility to transfer clarified water from the settling basin discharge pond for use by the water spray truck for dust suppression at the site. A 20" buried HDPE pipe will be used to gravity feed pond water from a new submerged sump tank to a storage tank approximately 155 feet east of the pond. A transfer pump will be installed at the storage tank to transfer the water approximately 85 feet eastward through a buried 10" HDPE pipe to a new duplex basket strainer and then above ground through approximately 30 feet of 8" HDPE pipe to the top of the truck fill structure. 480 volt electrical power and control power cable will be pulled through a duct bank (provided by others) from the Southeast Electrical Control Center to the new fill station and pump. Controls, electrical panels, lighting and utility outlets will be provided. A remote control box will also be provided to allow the truck driver to fill the water tank without exiting the truck.

The ASPA will provide the Pond Water Supply Pump and Strainer only. The Contractor will be responsible for providing everything else required for a complete installation.

The Contractor will be responsible for providing all supervision, labor, machinery, equipment, material, foundations for a complete installation including but not limited to: pipe, pipe fittings, valves, pipe adapters, blind flanges, pipe supports, foundations, Water Discharge Structure, Pond Water Sump Tank, Pond Water Storage Pump Tank, concrete, rebar, structural fill and fabric, etc.



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1. Fabrication and installation of a Pond Sump Tank, including structural fabric and base material.
 2. Fabrication and installation of 20" SDR 17 HDPE gravity flow Pipe from the Pond Sump Tank to A new Pond Water Pump Tank, approximately 155 ft long.
 3. Fabrication and installation of a new Pond Water Pump Tank including concrete foundation, base material, pipe nozzles, blind flanges for future pump nozzles, etc.
 4. Installation of the new Pond Water Transfer Pump including concrete foundation and anchor bolts, baseplate, 10" suction piping, valves and fittings, 6" discharge piping, all valves, fittings pipe stands and supports. The pump will be provided by the ASPA.
 5. Fabrication and installation of 10" SDR 17 HDPE supply pipe from the new Pond Water Pump to the new strainer adjacent to the pipe discharge at the Water Truck Fill Structure, approximately 85 ft long. The Strainer to be provided by the ASPA.
Pipe and fitting specifications to be furnished for approval by ASPA Engineer.
 6. Installation of new pond water strainer including concrete foundation, pipe, fittings, reducers, adapters, pipe stands, pressure gauges, pressure sensors, Etc.
 7. Installation of 8" SDR17 HDPE pipe, approximately 85 ft long, from strainer to Water Truck Fill structure including all fittings, pipe stands and pipe supports, etc.
 8. Fabrication and installation of new Water Truck Fill structure including concrete foundation Pipe, fittings and pipe supports.
 9. Installation of 480v electrical power cable and control cable from Southeast Electrical Control Center to project area including truck fill and pump stations. Cable will be routed through new duct bank provided by others.
 10. Contractor will supply and install all electrical power and control panels including breaker Panel, Transformer, Pump Local Control panel, Pump Remote Panel, and Remote Control Panel, Level Switches and Pressure sensors, etc
 11. Contractor to supply and install all interconnecting power and control wiring for all equipment.
- Contractor will be responsible for coordinating construction activities with work being performed by the paving contractor who will be installing underground utilities and paving the roadway in the area adjacent to the construction site.



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The pipe supplier is to be experienced in the design, manufacture and commercial supply of the specified material for a period of five (5) years. All HDPE pipe and fittings will be from a single manufacturer and installed in accordance with the manufacturer's recommendations. Contractor will be responsible for ensuring that all material is free from defects and damage from delivery through installation; defective material will be replaced at the cost of the Contractor.

Precautions will be taken to prevent foreign material from entering the pipe before or while it is being installed. The ends of the pipes shall be sealed watertight at times when pipe laying is not in progress.

Select bedding and backfill shall be in accordance with the reference drawings.

ASPA Mechanical

McDuffie Coal Terminal, Water truck Loading Facility,

- 10360-G-001 Site Location
- 10360-G-001 General Layout
- 10360-G-003 Site Survey Layout Sht 1
- 10360-G-004 Site Survey Layout Sht 2
- 10360-M-001 Sump Tank & Piping Elevations
- 10360-M-002 Pump Tank to Truck Loading Elevation
- 10360-M-003 Pond Water Pump Elevation
- 10360-M-004 Pond Water Pump Plan
- 10360-M-005 Pond Water Pump Base
- 10360-M-006 Truck Loading Station Details
- 10360-M-007 Pond Water Pump Foundation

ASPA Civil / Structural

McDuffie Terminal;

- 10360 - 001 Water Station, Plan & Profile (1 of 2)
- 10360 - 002 Water Station, Plan & Profile (2 of 2)
- 10360 - 003 MCD Water Station, Inlet Structure Details
- 10360 - 004 MCD Water Station, Inlet Structure Details (1 of 2)
- 10360 - 005 MCD Water Station, Exterior Structure Details (2 of 2)
- 10360 - 006 MCD Water Station, Exterior Structure Details (2 of 2)
- 10360 - 005 MCD Water Station, Interior And Exterior Structure Subgrade Preparation
- 10360 - 007 MCD Water Station, Discharge Structure and HDPE Pipe Details



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ASPA Civil / Electrical

McDuffie Coal terminal

- E1 Pond Water Recycling Project, Electrical Site Plans
 - E2 Pond Water Recycling Project, Electrical Riser, Schedule & Details
 - E3 McDuffie Water Truck Station, Electrical Details
- Construction Specifications, Division V, Section 504 Electrical

Reference Data

Lawler and Company, Alabama State Port Authority, McDuffie Coal Terminal, East

Storm Pond Topographic Survey, Sht 1 of 3

Hydro Technologies, Inc. Pattern Series HVES Model E6V9A-cc 8x6 Pump Assembly &
Dimension Sheet

Radco Industries SPX NB Duplex Type D Basket Strainer

Driven Engineering, Inc.

C06A - Roadway Maintenance, McDuffie Terminal Facility, Plan and Profile 1 of 1

C06A - Roadway Maintenance, McDuffie Coal Facility, East Road Truck Load Lane, Plan and
Profile 1 of 1

IMPORTANT NOTICE TO BIDDERS REGARDING ACCESS TO ASPA RESTRICTED FACILITIES:

Successful bidders requiring access to the Alabama State Port Authority's Restricted Facilities to fulfill any obligations set forth in this bid must comply fully with the Authority's Access Policy found in its entirety at http://www.asdd.com/portaccess_policy.html. The Port Authority's Access Policy requires all persons permanently employed at the port, including ASPA staff, tenants, and their employees, surveyors, agents, stevedores, longshoremen, chaplains, contract labor and persons requesting temporary access to the port, including delivery persons, vendors, contractors, and temporary workers to obtain and display an ASPA issued photo ID badge or visitor badge at all times when accessing or working on port property. In order to obtain an ASPA credential, applicants must also obtain a Transportation Worker Identification Credential (TWIC) and undergo mandatory Security Awareness Training. Information on the TWIC can be found at http://www.asdd.com/portaccess_twicregs.html. Information on Security Awareness Training classes and scheduling can be found at http://www.asdd.com/portaccess_securitytraining.html. ALL PROSPECTIVE BIDDERS ARE ENCOURAGED TO REVIEW THESE POLICIES AND CONSIDER THESE REQUIREMENTS IN PREPARING BID SUBMISSIONS.



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ALABAMA STATE PORT AUTHORITY INSURANCE REQUIREMENTS

INDEMNIFICATION

The Contractor shall assume all liability for and shall indemnify and save harmless the State of Alabama and the Alabama State Port Authority, doing business as Alabama State Docks (ASD), and its officers and employees from all damages and liability for injury to any person or persons, and injury to or destruction of property, including the loss of use thereof, by reason of an accident or occurrence arising from operations under the contract, whether such operations are performed by himself or by any subcontractor or by anyone directly or indirectly employed by either of them occurring on or about the premises, or the ways and means adjacent during the term of the contract, or any extension thereof, and shall also assume the liability for injury and/or damages to adjacent or neighboring property by reason of work done under the contract.

INSURANCE REQUIREMENTS

The Contractor shall not commence work under the contract until he has obtained all insurance required under the following paragraphs and until such insurance has been approved by ASD, nor shall the Contractor allow any subcontractor to commence work until all similar applicable insurance has been obtained by the subcontractor or the Contractor has provided coverage for the subcontractor. The Contractor shall provide, at his expense, insurance in accordance with the following:

General Requirements (applicable to all policies)

All policies of insurance must be written with companies acceptable to ASD. The Contractor shall furnish to ASD certificates of insurance, signed by the licensed agent evidencing required coverages. ASD reserves the right to require certified copies of any and all policies. Each policy of insurance shall provide, either in body of the policy or by endorsement, that such policy cannot be substantially altered or cancelled without thirty (30) days' written notice to ASD and to the insured. Except for Workers Compensation, said policies will identify Alabama State Port Authority, its officers, officials, agents, servants and employees as Primary and Non-contributory Additional Insureds in connection with work performed for, on behalf of, or on the property of ASD including a waiver of all rights of subrogation.

General Liability

The Contractor shall take out and maintain during the life of the contract Commercial General Liability insurance, including Blanket Contractual and Completed Operations coverages, in an amount not less than \$2,000,000 for any one occurrence for bodily injury, including death, and property damage liability.

Automobile Liability

The Contractor shall take out and maintain during the life of the contract Business Automobile Liability insurance covering any auto in an amount not less than \$1,000,000 for any one occurrence for bodily injury, including death, and property damage liability.

Workers Compensation (If work on the pier or over the water, USLH required)

The Contractor shall take out and maintain during the life of the contract Workers Compensation and Employers Liability insurance providing coverage under the Alabama Workers Compensation Act in an amount not less than that required by Alabama law. Where applicable, Contractor shall take out and maintain during the life of the contract insurance providing coverage as required by Federal statute, including but not limited to U.S. Longshoremen and Harborworkers' Compensation Act (USL&H), Jones Act, and Railroad Federal Employers Liability Act (FELA).



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Contractor's Proposal

The Contractor hereby agrees to provide and install specified materials and equipment, and to perform all work previously specified in this proposal, specification, and drawings, for the prices outlined in the following schedule. The quantities listed may be increased or decreased during project execution. In the event the quantities do change, the unit price shall apply according to scope of work. It is **MANDATORY** that the Supplier fills out this sheet with the required information and submits it with the proposal.

Description	Est Qty	UOM	Unit Price	Value
1. Mob/Demob including Port Access Credentials	Lump Sum	All	LS	\$
2. Fabrication and Installation of Pond Sump Tank	Lump Sum	All	LS	\$
3. Fabrication and Installation of Pond Water Storage Tank	Lump Sum	All	LS	\$
4. Supply and Installation of 20" HDPE Gravity Line	Lump Sum	All	LS	\$
5. Supply and Installation of 10" HDPE Water Supply Line	Lump Sum	All	LS	\$
6. Supply and Installation of 8" HDPE Water Supply line	Lump Sum	All	LS	\$
7. Installation Pond Water Transfer Pump; including foundation, suction piping, discharge piping and supports.	Lump Sum	All	LS	\$
8. Installation of Pump, foundation, pipe, fittings and pipe supports.	Lump Sum	All	LS	\$
9. Installation Strainer and foundation, pipe, fittings and pipe supports.	Lump Sum	All	LS	\$
10. Installation of 460v Power cable and control cable from Southeast ECC to project site	Lump Sum	All	LS	\$
11. Supply and installation of Site electrical including transformer, power and control panels and interconnecting wiring.	Lump Sum	All	LS	\$
TOTAL BID				\$

NOTES:

1. Sealed bid proposals will be received via courier, or hand-delivery, to the Alabama State Port Authority, Attn: Tom Alvarez, 1901 Ezra Trice Blvd. Mobile, AL 36603, any time prior to the bid opening. No faxed or electronic bids will be accepted. The official bid opening will be conducted in the Conference Room at the McDuffie Coal Terminal Offices, located at 1901 Ezra Trice Blvd. Mobile, AL 36602, **at 10:00 a.m. on Thursday, July 13, 2017.**
2. Bid proposals must be submitted in sealed envelopes with the words "**Bid Document Enclosed**" clearly marked on the outside of the envelope. The sealed enveloped shall also have, **the project name, the bidder's name, contractor's Alabama Contractor License Number, and time and date of bid opening shown on the outside.**
3. A Bid Bond or Certified Check made payable to the Alabama State Port Authority and equal to five percent (5%) of the amount bid, not to exceed \$10,000, must accompany the Bid Proposal.



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NOTES Continued:

4. Authority reserves the right to refuse to issue a proposal form or a contract to a prospective bidder for any of the following reasons:
 - a) Failure to pay, or satisfactorily settle, all bills due for labor and materials on former contract in force with the Authority.
 - b) Contractor default under previous Contract with the Authority.
 - c) Proposal withdrawal or Bid Bond forfeiture on previous project with the Authority.
 - d) Unsatisfactory work on previous contract with the Authority.
 - e) Lack of competency and adequate machinery, personnel, plant and other equipment for performing the project.
5. Authority may make such investigations as deemed necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish all such information and data for this purpose as the Authority may request. The Authority reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Authority that such bidder is properly qualified to carry out the obligations of the Contract.
6. Any questions regarding the procurement should be directed to Tom Alvarez, Project Manager, at: office # (251) 441-7534, cell # (251) 604-1310, or email talvarez@asdd.com.
7. The right is reserved, as the interest of the Alabama State Port Authority may require, to reject any and all bids and to waive informalities in bids received.

SIGNATURES

Receipt of following addendums is acknowledged:

Addendum No. _____

Addendum No. _____

Contractor's Signature:

Contractor Company _____

Name

Title

Date

Signature of Party Originating Requisition:

Tom Alvarez
Project Manager

Date