

ADVERTISEMENT FOR BIDS

Re: South Central Wastewater Authority
Nutrient Reduction Project
900 Magazine Road
Petersburg, VA 23803

Bids for the Nutrient Reduction Project will be received in the Office of the South Central Wastewater Authority, 900 Magazine Road, Petersburg, Virginia 23803 until 2:00 P.M., local prevailing time, Monday, October 17, 2022, and then publicly opened.

Bids may be withdrawn using the procedure set forth in Virginia Code § 2.2-4330(B)(2).

This project will consist of construction of the following work:

- Modifications to the preliminary and primary treatment facilities.
- New south aeration tank with anoxic mixers, NRCY pumps, aeration diffusers and ancillary equipment.
- Modifications to the north aeration tank with anoxic mixers, NRCY pumps, aeration diffusers and ancillary equipment.
- One new 160' diameter clarifier with new RAS pump station.
- Modifications to the existing blower building to include the replacement of the existing blowers with new high speed turbo blowers along with architectural, electrical and HVAC modifications.
- New intermediate pump station with four new 96" diameter double helical screw pumps with isolation gates and two axial mixers.
- New tertiary filtration structure with three new tertiary disk filter assemblies and new NPW pump station.
- Modifications to the chlorine contact tanks for post aeration.
- Modifications to the existing hypochlorite facility including demolition of existing equipment and the addition of two new hypochlorite storage tanks, two new supplemental carbon storage tanks, and new carbon storage transfer and feed pumps.
- New caustic dosing facility.
- Modifications to existing alum system.
- Modifications to existing sludge conditioning and lime stabilization facilities to include the replacement of the existing thickeners and presses with two new gravity belt thickeners, two new belt presses, replacement of the lime stabilization system and conveyors with a new lime stabilization system and conveyors, and architectural, electrical, HVAC, and plumbing improvements.
- New main switchgear building.
- Two new electrical buildings.
- Architectural, electrical, HVAC, and plumbing improvements for administration building, laboratory and maintenance building.

- All associated yard piping, flow conveyance structures, valving, electrical, instrumentation, and any incidental related work for a complete and operable wastewater treatment system.
- Corresponding SCADA improvements.

The Authority will award the contract on a lump sum basis to the lowest responsive bidder.

Bid documents consisting of the project manual and drawings are open to the public for inspection at the following locations:

- Owner: South Central Wastewater Authority, 900 Magazine Road, Petersburg, VA 23803.
- Engineer: Hazen and Sawyer, 1555 Roseneath Road, Richmond, VA 23230.

A pre-bid conference will be held at 10:00 A.M., local prevailing time, Friday, September 9, 2022, in the Office of the South Central Wastewater Authority, 900 Magazine Road, Petersburg, VA 23803.

Bid documents in Adobe Acrobat format (pdf) may be obtained from Hazen and Sawyer. For access to the plans and specifications, email ctabor@hazenandsawyer.com to be added to the bidders list and to obtain the FTP site link for the specifications and drawings. Bidder must include complete street address, telephone number with area code, and name of contact person in their request.

Bidders must be licensed as Contractors in the Commonwealth of Virginia in accordance with Title 54.1, Chapter 11 of the Code of Virginia (1950) as amended.

Robert B. Wilson, P.E.
Executive Director
South Central Wastewater Authority
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