

February 16, 2013

NOTICE TO BIDDERS

Sealed Bid Proposals will be received by Jefferson County, Alabama, in Room 830, until 2:00 P.M. local time on **Thursday, APRIL 4, 2013**, and then publicly opened and read for the **VILLAGE CREEK WWTP IMMEDIATE NEEDS**. This Work will consist of the following:

1. Plant 001 – Screen Chamber: Removal of existing bar racks, carriage assemblies, pin rack assemblies, wiper assemblies, power feed cable and tracking system, and outboard carriage bearings on existing influent bar screens; cleaning of interior of channels; installation of new bar racks, carriage assemblies, pin rack assemblies, wiper assemblies, power feed cable and tracking system, and outboard carriage bearings on existing influent bar screen frames; and related electrical
2. Plant 001 – Stage 2 Final Settling Tanks No. 4 thru No. 7: Demolition of existing traveling bridge rail assemblies/supports, end truck assemblies (wheel and hydraulic drive), spray pumps/piping/sprinklers, siphon tubes, and portion of festoon systems; cleaning of interior of tanks; rehabilitation of concrete tank floors and walls; installation of new traveling bridge rail assemblies/supports, end truck assemblies, spray pumps/piping/sprinklers, siphon tubes, festoon systems, hydraulic power packs/panels, flights, squeegees, and scum skimmer actuators; modifications to the weir box assemblies; and related electrical
3. Plant 001 – Stage 2 Final Settling Tanks No. 8 thru No. 11: Demolition of existing siphon tube valves and portion of festoon systems; installation of new siphon tube piping and festoon systems; and related electrical
4. Plant 001 – Chlorine & Sulfur Dioxide Building: Removal of the existing chlorine feed piping/valves, installation of new chlorine feed piping/valves, and related electrical
5. Plant 001 – Filter Building:
 - a. Pre-negotiated Bid Item with Troy Systems Integration Group: Modification of existing SCADA system software to monitor existing Filter Control Panel PLC
 - b. Contractor: Modification of existing Filter Control Panel to accommodate communication with plant PLC network
6. Plant 001 – Remote Terminal Unit (RTU) to Programmable Logic Controller (PLC) Replacement:
 - a. Pre-negotiated Bid Item with Troy Systems Integration Group: HMI programming for new PLCs
 - b. Contractor: Modification of seven (7) existing RTU panels to replace existing RTU hardware with new PLC hardware and appurtenances and programming of

new PLCs

7. Plant 002 – Ultraviolet Disinfection:
 - a. Pre-negotiated Bid Item with Troy Systems Integration Group: Modification of existing SCADA system programming to accommodate Trojan Technologies-furnished control panel
 - b. Pre-negotiated Bid Item with Trojan Technologies: Furnishing a new Ultraviolet Disinfection System control panel with HMI and internal hardware, providing a gateway card and controller, providing a customized base program, performance of associated Trojan HMI programming, and coordination of SCADA system communication with Troy Systems Integration Group
 - c. Pre-negotiated Bid Item with Emerson Process Management through Kazmier & Associates, Inc.: Inspection of existing gate actuators, removal of existing internal electronics from existing gate actuators, and provision and configuration of new internal electronics for existing gate actuators
 - d. Contractor: Installation of Trojan Technologies-furnished control panel, Ethernet cable, and wiring; and hardwiring of all existing gates to Trojan Technologies-furnished control panel
8. Plant 001 Solids Handling – Dewatering Building: Replacement of portions of Cake Pump discharge piping and lime feed piping, including installation of associated structural supports; installation of insulation and heat tracing on lime feed piping; and related electrical
9. Additional electrical work, including conduit, wiring/cable, boxes, cabinets and enclosures, grounding and bonding connections, supporting devices, modification of panelboards, controls and relays, and accessories to power the previously-listed components of the Work
10. Additional instrumentation work, including installation of uninterruptable power systems, enclosures/cabinets/panels, surge protection devices, power supplies, Ethernet switches, and accessories to control the previously-listed components of the Work
11. All work necessary, including bypass pumping if required, to temporarily remove existing treatment processes or portions thereof from operation to construct the previously-referenced improvements in accordance with the Specific Operational Constraints and Sequence of Construction specified in Section 01520 – Maintenance of Utility Operations During Construction
12. Mobilization and Demobilization
13. Work by Owner: Owner shall be responsible for startup, operation, shutdown, etc. of all existing equipment and operation of all existing valves and gates.

Deductive Alternatives

14. Plant 001 – Programmable Logic Controllers: Installation of CompactLogix programmable logic controllers by Allen-Bradley instead of specified Modicon programmable logic controllers by Schneider Electric

The foregoing descriptions shall not be construed as a complete description of all work required. All appurtenances related to the work as previously described herein shall also be provided.

Contract Documents are on file for inspection in the following locations:

**Jefferson County Environmental Services Department
716 Richard Arrington Jr. Boulevard North, Suite A-300
Birmingham, Alabama 35203
Contact for Appointment: Richard Mixon at (205) 325-5496**

**Village Creek Wastewater Treatment Plant
1440 Pleasant Hill Road
Birmingham, Alabama 35224
Contact for Appointment: Greg James or Terry Lane at (205) 791-6405**

**Birmingham Construction Industry Authority (BCIA)
601 37th Street South
Birmingham, Alabama 35222
Phone: (205) 324-6202
Contact Person: Kimberly Bivins**

Alabama iSqFt/Associated General Contractors (AGC) Internet Plan Room

McGraw-Hill Construction/Dodge Lead Center (Online)

Complete sets of these Contract Documents may be obtained from **Hazen and Sawyer P.C., 5775 Peachtree Dunwoody Road, Suite D-520, Atlanta, GA 30342, (404) 459-6363**, for a deposit in the following amounts **in the form of a check or money order. Cash will not be accepted.** This deposit is commensurate with the cost of reproduction, handling, and distribution of these Contract Documents. In addition to the check or money order, Bidder shall provide Hazen and Sawyer, P.C. with their UPS or FedEx account number and their billing address associated with their UPS/FedEx account if they do not pick up the Contract Documents in person and instead want the Contract Documents mailed to them. Pre-qualified contractors who submit a bid are eligible to have their deposit refunded, less the costs of handling and distribution, if the documents are in suitable condition to be used as Contract Documents and are returned within ten (10) days of the bid date.

	<u>Charge</u>	<u>Refund</u>
Complete set of Bidding Documents (including 22-inch x 34-inch Drawings, Specifications, and CD of Existing SCADA Documentation (Information of record for Bidder's convenience only))	\$145	\$25
Additional set of 22-inch x 34-inch Drawings	\$35	\$25
Set of 11-inch x 17-inch Drawings	\$30	None
Additional copy of Specifications	\$100	None

Bids will only be accepted from contractors who are listed on the Plan Holders List, signifying that they have purchased a set of documents from Hazen and Sawyer, P.C.

NO BID PROPOSAL SHALL BE ACCEPTED AFTER THE TIME STATED FOR RECEIVING BID PROPOSALS IN THIS NOTICE. ENVELOPES CONTAINING CONTRACTOR'S BID PROPOSALS MUST PROMINENTLY DISPLAY THE NAME AND ADDRESS OF THE FIRM AND THE CONTRACTOR'S ALABAMA LICENSE NUMBER WITH THE DATE OF EXPIRATION ON THE FRONT OF THE ENVELOPE. THESE REQUIREMENTS SHALL NOT BE WAIVED.

The Contractor is hereby advised that TIME IS OF THE ESSENCE on this project. The Contract Time for this project is **three hundred thirty (330)** consecutive calendar days from the effective date of the written Notice to Proceed to achieve Substantial Completion and **three hundred sixty five (365)** consecutive calendar days from the effective date of the written Notice to Proceed to achieve Final Acceptance. Liquidated damages will be assessed if these time limits are exceeded. The Contractor may apply for an extension of time in accordance with the provisions of the Contract; however, such an extension must be approved prior to the Contract Completion Date to avoid the imposition of liquidated damages.

The Contractor is hereby advised that a Pre-Bid Conference will be held at the Village Creek Wastewater Treatment Plant, 1440 Pleasant Hill Road, Birmingham, Alabama 35224 on Wednesday, March 20, 2013 at 10:00am. This Pre-Bid Conference is MANDATORY for all contractors planning to submit a Bid Proposal on this project.

On request, Owner will provide each Bidder access to the project site to conduct such explorations and tests as each Bidder deems necessary for submission of Bid. Bidder shall fill all holes and clean up and restore the project site to its former condition upon completion of such explorations. Site visits may be conducted after the Pre-Bid Conference but prior to the bid date, between 8:00 a.m. and 5:00 p.m. local time, Monday through Friday, not including holidays. Arrangements for site visits shall be made by contacting Greg James, Village Creek WWTP Superintendent, or Terry Lane at (205) 791-6405 a minimum of 24 hours in advance of the site visit. Immediately upon arrival at and immediately prior to departure from the project site, bidder shall visit the Plant 002 Administration Building to sign-in/sign-out on the provided form.

Questions regarding bids should be submitted to Dan Sebusch, P.E., Associate, Hazen and Sawyer, P.C., at fax (404) 459-6362 or email dsebusch@hazenandsawyer.com no later than

2:00 p.m. local time, March 27, 2013. All questions must be in writing on Bidder's company's letterhead.

THE ATTENTION OF ALL BIDDERS IS CALLED TO THE PROVISIONS OF THE STATE LAW GOVERNING GENERAL CONTRACTORS, AS SET FORTH IN ALABAMA CODE SECTIONS 34-8-1 THROUGH SECTION 34-8-28 (1975), AS AMENDED, CHAPTER 4, SECTION 65 TO 82 (INCLUSIVE) OF TITLE 46 OF THE CODE OF ALABAMA OF 1940, AS AMENDED; AND BIDDERS SHALL BE GOVERNED BY SAID LAW INSOFAR AS IT IS APPLICABLE. THE ABOVE MENTIONED PROVISIONS OF THE CODE MAKE IT ILLEGAL FOR THE OWNER TO CONSIDER A BID PROPOSAL FROM ANYONE WHO IS NOT PROPERLY LICENSED UNDER SUCH CODE PROVISIONS.

THE ATTENTION OF BIDDERS IS CALLED TO THE PROVISIONS OF ALABAMA CODE SECTION 39-2-14 (1975) AS AMENDED, REQUIRING A NONRESIDENT CONTRACTOR TO REGISTER WITH THE DEPARTMENT OF REVENUE PRIOR TO ENGAGING IN THE PERFORMANCE OF A CONTRACT IN THE STATE OF ALABAMA.

THE ATTENTION OF BIDDERS IS CALLED TO THE PROVISIONS OF ALABAMA CODE SECTION 39-3-5 (1975) AS AMENDED, REGARDING PREFERENCE TO RESIDENT CONTRACTORS.

THIS PROJECT IS CLASSIFIED AS A CLASS "E" (Small Wastewater Treatment Plant & Facilities Under 5 Million) WASTEWATER TREATMENT PLANT & FACILITIES PROJECT. ALL PROSPECTIVE BIDDERS MUST BE PRE-QUALIFIED WITH THE JEFFERSON COUNTY ENVIRONMENTAL SERVICES DEPARTMENT TO BID CLASS "E" WASTEWATER TREATMENT PLANT & FACILITIES PROJECTS IN ORDER TO BID ON THIS PROJECT. TO PRE-QUALIFY WITH THE DEPARTMENT AND TO CONSTRUCT CLASS "E" WASTEWATER TREATMENT PLANTS & FACILITIES, EACH PROSPECTIVE BIDDER MUST FURNISH WRITTEN EVIDENCE OF COMPETENCY AND EVIDENCE OF FINANCIAL RESPONSIBILITY TO THE COUNTY.

ACCORDINGLY, THE COUNTY WILL NOT ACCEPT PRE-QUALIFICATIONS AFTER **MARCH 8, 2013**. BID PROPOSAL FORMS WILL NOT BE ISSUED TO PROSPECTIVE BIDDERS WHO DO NOT PRE-QUALIFY.

CONTRACTORS ARE ENCOURAGED TO CONTACT THE JEFFERSON COUNTY ENVIRONMENTAL SERVICES DEPARTMENT, 716 RICHARD ARRINGTON JR. BOULEVARD NORTH, SUITE A300, BIRMINGHAM, ALABAMA, IN ADVANCE OF THE DEADLINE TO DETERMINE IF THE CONTRACTOR IS PRE-QUALIFIED TO CONSTRUCT CLASS "E" WASTEWATER TREATMENT PLANT & FACILITIES PROJECTS, OR FOR OTHER INFORMATION REGARDING THE REQUIREMENTS FOR PRE-QUALIFICATION.

BY: 

David Denard

Director of Environmental Services