

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM

CANE CREEK BOOSTER PUMPING STATION PLC UPGRADE

Project Number: P.04412
Capital Budget Number: BP-663-24

NOTICE TO BIDDERS

Sealed Bids for the construction of the Cane Creek Booster Pumping Station PLC Upgrade project will be received by The Water Works Board of the City of Birmingham Engineering Department, Attn: Hattye McCarroll, P.E.; Chief Engineer, 3600 First Avenue North, Birmingham, Alabama 35222 until 10:00 a.m. local time on January 23rd, 2025. Bids received after said time will be rejected and returned unopened.

Construction of Cane Creek Booster Pumping Station PLC Upgrade Project includes but not limited to the following scope of work:

1. Modify existing 3-door cabinet Pump Control Panel while keeping the left side panel and controls in service.
2. Replace PLC-5 processors, associated IO, and associated software with new redundant ControlLogix in the existing Pump Control Panel in the right hand side, and in the Flow Control Panel. Translate existing documented PLC-5 control narrative, program and test in ladder logic algorithm suitable for ControlLogix in redundant application.
3. Retain the services of Schneider Electric for Multilins Panel PLC upgrade and communication protocol upgrade with the existing Foxboro DCS and removing existing communication module.
4. Provide training seats and programming software for Rockwell hardware as specified.
5. Modify Pump Control Panel structure (existing doors) by replacing existing Redi-Panels with a single Panelview Plus 7 on right hand side and provide a programmed spare.
6. Replace all three front doors of existing Pump Control Panel.
7. Following sequence to maintain operation of station, remove existing drum switches, chart recorders, and communication converter and return to OWNER.
8. Field verification of wires in & out of service. Remove any unused wires within right, left, and center cabinets.
9. Review all field conditions, confirm functions, replacement components, and confirm field I/O wiring and labeling.
10. Fully test operation of new PLC prior to continuing demolition of left side controls. Make provisions to maintain operation of the pump station as required to facilitate a graceful cutover from old to new control system.
11. Provide drawings depicting as-built state of the ControlLogix hardware, IO wiring, network architecture, etc. and provide editable copies of PLC program in native format.
12. Replace existing Pump Control Panel overhead panel lighting with LED & door activation switches.

13. Replace the existing two UPS with Eaton 3.1 kVA UPS.
14. Start-up and field-testing services.
15. Functionally test controls at completion of demolition.

Please refer to Section 40 61 13 - Process Control System General Provisions for detailed scope of work.

Bids shall be based on a lump sum plus Unit Price Items (if any) plus contingency allowance items as indicated in the Bid Form.

Bidding Documents may be examined at the office of the Chief Engineer of The Water Works Board of the City of Birmingham, 3600 First Avenue North, Birmingham, AL; and the office of Arcadis U.S., Inc., 1143 1st Ave. South, Birmingham, AL.

Prime Contractor bidders may obtain one complete set of Bidding Documents on or after December 16th, 2024 from the office of the Chief Engineer of The Water Works Board of the City of Birmingham upon payment of a \$200.00 deposit by company check or by certified check and signing a nondisclosure statement. No personal checks or any other form of payment except as noted will be accepted. This deposit shall be refunded in full to each prime contractor bidder upon the return of the Bidding Documents in a reusable condition within 10 days after the bid opening. Additional sets of Bidding Documents for prime contractor bidders, subcontractors, vendors or dealers may be obtained upon payment of said \$200.00 deposit and signing a nondisclosure statement. This deposit shall be refunded less the costs of printing, reproduction, handling, and distribution, upon return of the documents in reusable condition within 10 days after the bid opening. Company check or Certified check for documents shall be made payable to The Water Works Board of the City of Birmingham, 3600 First Avenue North, Birmingham, Alabama, 35222 and mailed to the Attn: Hattye McCarroll P.E.; Chief Engineer. No additional charge will be made for delivery via UPS ground. Those requesting shipment of documents via carriers other than UPS ground will be made at the requesting firm's expense. Partial sets of Bidding Documents will not be available to any Bidder. Neither the OWNER nor the ENGINEER will be responsible for full or partial sets of Bidding Documents, including any addenda obtained from other sources. No Bidder may withdraw or alter a bid within 60 calendar days after the actual date of the bid opening.

A mandatory pre-bid conference and site visit will be held at 9:00 a.m. local time on January 7th, 2025 at Cane Creek Booster Pumping Station, located at 6786 Water Works Rd, Mt Olive, AL 35117. All prospective Bidders and interested parties are required to attend the pre-bid conference. The purpose of the pre-bid conference is to raise questions pertaining to the Bidding and Contract documents and for the OWNER or its representatives to clarify any points. HUB Resource Engagement Form (HUB Form 3) must be completed and included with all sealed bids for construction contracts with the BWWB. Bids will NOT BE ACCEPTED from any Prospective Bidder who does not attend the mandatory Pre-Bid Conference.

Each bid shall be accompanied by a cashier's check, drawn on an Alabama Bank, or bid Bond in the amount of five percent (5%) of the bid not to exceed \$50,000.00 in the form and subject to conditions provided for in the Specifications.

The successful Bidder will be required to furnish a Performance Bond and a Payment Bond each in an amount equal to 100 percent of the Contract Award.

Bidders shall comply with all statutory requirements in accordance with the Instructions to Bidders. Bids will only be received from Contractors who are licensed by the State of Alabama.

Contract time of commencement and completion will be in accordance with the Agreement.

The Water Works Board of the City of Birmingham (“BWVB”) has adopted a voluntary Historically Underutilized Business (“HUB”) Program designed to encourage the participation of HUB firms in construction projects. To that end, the BWVB will never exclude any firm from participation in, deny any person benefits of, or otherwise discriminate in connection with the award and performance of BWVB contracts based on racial, gender, social, or economic status.

It is the intent of the BWVB to foster competition among contractors, suppliers and vendors that will result in better quality and more economical services for the BWVB. Under this program, the BWVB has established a goal of 30% participation of HUB firms for services required for BWVB construction projects. The BWVB’s stated goal will not be the determining factor in construction contract awards; rather bidders must demonstrate compliance with the Good Faith Efforts, more particularly outlined in the HUB Program, toward meeting said goal.

Failure on the part of a bidder to fully submit the information required herein may be considered by the BWVB in evaluating whether the bidder is responsive to bid requirements.

Alabama Code §31-13-9 (1975) provides that as a condition for the award of any contract by The Water Works Board of the City of Birmingham, a business entity or employer that employs one or more employees within the state of Alabama shall provide documentation of enrollment in the E-Verify program.

Each Prospective Bidder must complete, as a condition for the award of any Contract by The Water Works Board of the City of Birmingham, the Certification Regarding Debarment in Section 00 20 10. The Certification must be complete in its entirety and must be included with the Prospective Bidder’s Bid (NO EXCEPTIONS).

The legislature of Alabama Act 2013-205 grants the Alabama Department of Revenue (ADOR) the authority to issue certificates of exemption from sales and use taxes for construction projects for certain governmental agencies. Pursuant to Act 2013-205, Section 1(g) the Contractor accounts for the sales tax not included in the Bid Form by submitting an *Accounting of Sales Tax-Attachment to BWVB Bid Form*. Failure to provide an accounting of sales tax shall render the bid non-responsive. Other than determining responsiveness, sales tax accounting shall not affect the bid pricing nor be considered in the determination of the lowest responsible and responsive bidder. After Notice of Award, Contractor and Subcontractor licensed by the State Licensing Board for General Contractors must comply with ADOR requirements for making an application for qualification of the exemption and are responsible for ADOR reporting requirements for the duration of the project.

If a Contract is to be awarded, it will be awarded to the Bidder with the best price on the best terms

for the OWNER, who has neither been disqualified nor rejected pursuant to these Contract Documents, and whose Bid based on an evaluation by the OWNER indicates that the award will be in the best interest of the Project and will result in the lowest overall cost to the OWNER for completion of the project. If a Contract is to be awarded, it will be awarded within 90 calendar days after the day of the opening of bids.

The OWNER reserves the right to reject any and all proposals, the right to waive irregularities or to accept any proposal deemed to be in the best interest of the OWNER.

Owner:

The Water Works Board of the City of Birmingham
3600 First Avenue North
Birmingham, Alabama 35222
Chief Engineer Hattye McCarroll, P.E
Phone number (205) 244-4182

Engineer:

ARCADIS, U.S., Inc.
2839 Paces Ferry Road SE
Atlanta, GA 30339
Thomas Powell, PE, CCS
Phone number (470) 588-0451

++ END OF NOTICE TO BIDDERS ++