

# THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM

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## WESTERN FILTER PLANT SODIUM HYPOCHLORITE CONVERSION, LIQUID LIME AND ELECTRICAL UPGRADES

**Project Number: P.03696**  
**Capital Budget Number: BP-658-20**

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### NOTICE TO BIDDERS

Sealed Bids for the construction of the Western Filter Plant Sodium Hypochlorite Conversion, Liquid Lime and Electrical Upgrades 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 Tuesday February 11, 2025. Bids received after said time will be rejected and returned unopened.

Construction of a new sodium hypochlorite

1. New Bulk Sodium Hypochlorite Building
  - a. Sodium Hypochlorite Storage Area with grated access platforms above containment area.
  - b. Bulk sodium hypochlorite storage tanks, day tanks and access platforms.
  - c. Removable skylight access panels for tank removal.
  - d. Sodium Hypochlorite metering, transfer, and sump pumps.
  - e. Chemical Piping and valves.
  - f. Electrical Room.
  - g. Mechanical Room with HVAC equipment for the building.
2. New interior and exterior sodium hypochlorite piping and inject points. Containment piping with carrier tubing extends from new building to existing chemical injection points throughout the site. Chemical vaults are to be installed along piping runs to facilitate installation and replacement of chemical tubing.
3. New Liquid Lime Storage and Feed system in new outdoor concrete containment area
  1. Liquid Lime storage tanks.
  2. Liquid Lime pump enclosure with transfer pumps, feed pumps, power and control panels, safety shower, and sump pumps.
4. New Liquid Lime Truck Unloading Station with LCS, remote from new outdoor containment area.
5. New interior and exterior liquid lime piping, tubing, injection points, and junction boxes. Containment piping with carrier tubing extends from new containment area to existing chemical injection points at the rapid mix and clearwells. Chemical junction boxes are to be installed along piping runs to facilitate installation and replacement of chemical tubing.
6. New MCC equipment in the Electrical Room to replace existing MCC equipment in existing plant's Chemical Building. New power feed from Filter Building to New Sodium

Hypochlorite Building.

7. New potable water line feeding the new Sodium Hypochlorite Building and additional fire hydrant connections.
8. Replacement of existing water heater beneath alum storage tank, installation of new tempered water valve, and new interior and exterior piping for hot and tempered water.
9. Demolition of old chlorine feed equipment, piping, scales, and scrubber system.
10. Demolition of old MCC's in Chemical Building.
11. Demolition of old lime storage and feed equipment in the Chemical Building. Repair of Chemical Building roof after removal of old lime silo.
12. New DCS equipment in Sodium Hypochlorite Building and in Chemical Buildings.
13. Temporary power requirements for Carbon Building and new permanent power.
14. Modifications to electrical distribution at field motors, including disconnects, local control stations, and motor terminations.
15. Electrical improvements including video cameras, back boxes, and access control system.
16. Miscellaneous site improvements, electrical duct banks, conduits, and site piping as required.
17. Other miscellaneous associated items as necessary to complete the work.

Bids shall be based on a lump sum plus additional unit price 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 1<sup>st</sup> Ave. South, Birmingham, AL.

Prime Contractor bidders may obtain one complete set of Bidding Documents on or after January 8, 2025, from the office of the Chief Engineer of The Water Works Board of the City of Birmingham upon payment of \$300.00 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 \$300.00 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. Prime Contractor bidders who have paid for Contract Documents as described above may also request electronic copies (PDFs) of the Contract Documents by sending request to the Owner & the Engineer in writing. 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 Thursday, January 16, 2025 at the OWNER's Western Filter Plant, located at 1400 Bankhead Highway, Birmingham, Alabama 35214. All prospective Bidders and interested parties are required to attend the pre-bid conference and the pre-bid site visit. The purpose of the pre-bid conference and site visit is to raise questions pertaining to the Bidding and Contract documents and for the OWNER or its representatives to clarify any points. Bids will NOT BE ACCEPTED from any Prospective Bidder who does not attend the mandatory Pre-Bid Conference.

This project includes a Preconstruction Planning Period that begins when the Contract Times commence. Construction Work onsite will not be allowed until completion of the Preconstruction Planning Period. The Preconstruction Planning Period is the first five months of the Contract Times set forth in the Agreement.

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 00201. The Certification must be complete in its entirety and must be included with the Prospective Bidder's Bid (NO EXCEPTIONS).

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 BWWB 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 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  
Hattye McCarroll, P.E  
Telephone number (205) 244-4182

**Engineer:**

ARCADIS, U.S., Inc.  
1143 1<sup>st</sup> Ave South, Suite 109  
Birmingham, Alabama 35233  
Mr. Dhiraj Parekh, P.E  
Telephone number (205) 930-5956

++ END OF NOTICE TO BIDDERS ++