



October 17, 2022

**STATE OF ALABAMA
COUNTY OF SHELBY**

**INVITATION TO BID – CHEMICAL SUPPLY AND EQUIPMENT MAINTENANCE FOR
PURATE-BASED CHLORINE DIOXIDE GENERATOR**

Sealed bids for **CHEMICAL SUPPLY AND EQUIPMENT MAINTENANCE FOR PURATE-BASED CHLORINE DIOXIDE GENERATOR** will be received in the office of the County Manager, Administration Building- Shelby County, 200 West College St, Room 123, Columbiana, Alabama 35051 until **2:00 p.m. October 27, 2022** at which time bids will be publicly opened and read. The Shelby County Commission reserves the right to reject any or all bids and to waive informalities in awarding this bid to the lowest bidder. Bidders are to state that bids submitted are firm and that no claims for errors will be made after bids are opened and subsequent thereof. If you have any questions concerning this bid, please contact Phillip Crunk at pcrunk@shelbyal.com.

GENERAL INFORMATION

All bidders must use our form for submitting their bids. All bids must be sealed and marked in the lower left corner "**BID – PURATE-BASED CHLORINE DIOXIDE GENERATOR**" with opening date and time. Late bids will not be opened.

Records showing successful bidder(s) and prices quoted will be placed on file and may be examined upon request. If contract is awarded to someone other than lowest bidder, a note of explanation will appear in the file and Commission Minutes.

Should there be a change in ownership or management the contract shall be canceled unless a mutual agreement is reached with the new owner or manager to continue the contract with its present provisions and prices. The contract is not transferable by either party.

The County may cancel this contract at any time for any reason, provided a thirty day written notice is given.

DISQUALIFICATION OF BIDS

Bids may be disqualified before awarding of the contract for any of the following:

- A. Failure to mark envelope as required;
- B. Failure to sign or notarize the bid document; or
- C. Failure to include requested information or other details of the bid.

IMMIGRATION LAW

By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

OPEN TRADE

By signing this contract, vendor agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

METHOD OF AWARD

The award will be made to the lowest responsive bidder meeting specifications. It is not the policy of The Shelby County Commission to purchase on the basis of low bid only. Quality, conformity with specifications, purpose for which required, terms of delivery, and past service and experience are among the factors that may be considered in determining the responsive bidder.

The Shelby County Commission reserves the right to award separate contracts for each item, each product, or any combination of products if in the best interest of the Shelby County Commission.

Shelby County requires a purchase order for all purchases/services. Copies of purchase orders shall be required by vendor for orders to be processed and invoices paid.

Please provide your bid response in triplicate, one original and two copies.


Chad Scroggins
County Manager

GENERAL CONDITIONS FOR

Chemical Supply and Equipment Maintenance of Purate-based Chlorine Dioxide Generator

I. CONTRACT PERIOD

The period of this contract will be for one (1) year from date bid is awarded. This contract may be renewed for up to three (3) years from the initial award date upon the agreement of both parties. Bid price will remain firm during the period of the contract.

II. DELIVERY

Chemical deliveries shall be made within ten (10) working days from the date of order. The vendor shall notify Water Plant Operator or Shelby County Water Services personnel (the person who ordered the product) of any problems in meeting the mandatory ten (10) day deadline and the vendor must schedule specific delivery day and time with personnel if the deadline is not met. Excessive failure to deliver within ten (10) days shall be grounds for rejection of the vendor for future purchases, at the sole discretion of Shelby County. Bulk deliveries of chemicals, if ordered, shall be made in tanker truck. For all chemical deliveries, the truck must be equipped with all the means to safely convey the chemical from the truck to the storage tanks. Any spillage or leakage shall be the responsibility of the vendor.

All quoted prices shall include delivery charges. Deliveries shall be made to the following address:

Talladega/Shelby Water Treatment Plant
289 First Road
Alpine, Alabama 35014

CHEMICAL DELIVERIES

Chemical deliveries of totes and/or bulk shall be made to the water treatment plant in accordance with plant operator instructions at the Talladega/Shelby Water Treatment plant located in Childersburg. Orders may include one or more delivery sites.

At the Talladega/Shelby Water Treatment Plant, totes and products on pallets must be delivered and placed on the ground in a location designated by the plant personnel. It is expected that these items will be placed on the ground by means of a vendor operated and supplied lift gate in good working order. If the vendor proposes any other method of placing these items on the ground, that method must be approved by plant personnel prior to delivery. The item shall not be formally accepted as delivered until it is placed safely on the ground. Rejection of an unacceptable delivery method shall not excuse the vendor from the ten (10) day delivery requirement.

For all bulk loads of chemicals, supplier shall provide all necessary hoses and fittings to safely offload the product into the designated tanks by plant personnel. Prior to first delivery, supplier needs to visit site to understand the layout and what hoses and fittings will be needed for deliveries.

III. **BILLING**

Invoice payments shall be based solely on total certified weight ticket, specified maintenance/testing, and the vendors stated bid price. Product shall be billed in **pounds of product shipped** and all prices shall include shipping. Shelby County Water Services does require a Purchase Order for every order placed. Shelby County Water Services is tax exempt (tax exempt #63-6001694).

All invoices shall be billed to:

Shelby County Water Service
200 West College Street, Room 145
Columbiana, Alabama 35051
ap-water-landfill@shelbyal.com

IV. **ESTIMATED ANNUAL USE**

Products will be ordered on an *AS NEEDED* basis. Minimum quantities for chemical orders, other than bulk orders, may be one (1) tote or one (1) pallet. Estimated quantities for products are:

One (1) Bulk Tanker of Purate®: 4 per year

One (1) Bulk Tanker of 78% Sulfuric Acid: 4 per year

V. **BID QUALIFICATIONS**

All BIDDERS must submit product information with bids. Information to be submitted must show the product proposed meets all the specifications listed below and list **ALL EXCEPTIONS** to the specifications in a separate document.

QUOTATION SHEET

Shelby County Water Services

BID: [Purate®]

[One Bulk Tanker (delivered to plant)] \$_____per pound*

BID: [78% sulfuric acid]

[One Bulk Tanker (delivered to plant)] \$_____per pound*

* NOTE: Chemical rate shall account for the testing and maintenance services specified herein.

THE UNDERSIGNED OFFERS THESE PRICES, TERMS, AND DELIVERY AS PER BID
GENERAL CONDITIONS AND SPECIFICATIONS:

NAME OF COMPANY: _____

BY: (Please Print): _____

SIGNATURE: _____

COMPANY ADDRESS: _____

PHONE: _____

E-MAIL ADDRESS: _____

BID BOND: _____

(If Applicable)

BIDS SUBMITTED ARE FIRM AND NO CLAIMS FOR ERRORS WILL BE MADE AFTER
BIDS ARE OPENED AND SUBSEQUENT THEREOF.

Sworn to and subscribed before me this

the _____ day of _____,

_____, Notary Public

My Commission Expires: _____

BID SPECIFICATIONS FOR Purate® and Sulfuric Acid

- A. By the offering of this Bid, the Bidder hereby states that this material offered shall be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60 Drinking Water Treatment Chemicals-Health Effects. All products must be suitable for producing chlorine dioxide by combining the product with sulfuric acid in the water treatment plant's existing SVP Pure® chlorine dioxide generator manufactured by NALCO. Products submitted as equal shall include with their bid a reference list of similar potable water treatment applications using the proposed product and generator described herein. Shelby County may request additional information as necessary for product evaluation. Determinations of whether or not a proposed product is equal to those specified shall be made at the sole discretion of Shelby County.

1. Purate®, TMB-26 or equal (Sodium Chlorate, Hydrogen Peroxide):

- B. All Purate® solutions must be of like quality described by manufacturer.
- C. Any storage, temporary or permanent, holding Purate must be clearly labeled according to OSHA standard 29 CFR 1910.1200.
- D. A Safety Data Sheet must be provided to the Owner for the provided chemical.

2. Sulfuric Acid:

- A. All sulfuric acid solutions must be of 78% sulfuric acid.
- B. Any storage, temporary or permanent, holding sulfuric acid must be clearly labeled according to OSHA standard 29 CFR 1910.1200.
- C. A Safety Data Sheet must be provided to the Owner for the sulfuric acid provided.

Vendor must provide (one) 1 chlorine dioxide generator operation training at no additional cost to the Owner.

BID SPECIFICATIONS FOR

Maintenance and Testing of SVP Pure® NALCO Chlorine Dioxide Generator

Maintenance:

Vendor will be responsible for all repairs and replacement parts under normal operating conditions.

Monthly Maintenance:

- Confirm chemical feed rates are within appropriate operational standards.
- Confirm accuracy of actual CLO₂ production rate
- Confirm proper function and condition of automatic isolation valves
- Confirm proper function and condition of chemical feed lines and absence of internal and external piping leaks
- Confirm proper function and condition of the CLO₂ eductor

Biannual Maintenance:

- Confirm proper function, condition and/or replace motive water sensor
- Confirm proper function, condition and/or replace Operator Interface Terminal (OIT) screen
- Confirm proper function, condition and/or replace the pressure transmitters
- Confirm proper function, condition and/or replace the chemical feed pump back pressure valves

Annual Maintenance:

- Confirm proper function, condition and/or replace motive water flow sensor, pressure relief valve, flow meter, water regulator
- Confirm proper function and condition of safety interlocks and bolt torque
- Remove and confirm proper function and condition of eductor, pressure transmitters, motive water flow sensor
- Rebuild or replace the chemical feed pumps, check valves and Purate® relief valve of the SVP Pure® Chlorine Dioxide Generator
- Calibrate the Operator Interface Terminal (OIT)

Monthly Quality Testing:

Vendor will test samples from the distribution system to ensure required chlorite concentrations are being maintained in the distribution within regulatory permit requirements.