

# **GENERAL CONDITIONS FOR ORTHO/POLYPHOSPHATE October 2023**

## **I. CONTRACT PERIOD**

The period of this contract will be for **ONE HUNDRED EIGHTY (180) DAYS** from the date the bid is awarded. This contract may be renewed for up to a total of **THREE (3) Years** from the initial award date upon the agreement of both parties. The bid price will remain firm during the period of the contract.

## **II. DELIVERY**

Deliveries shall be made within seven (7) working days from the order date. The vendor shall notify the Water Plant Operator or Shelby County Water Services personnel (the person who ordered the product) of any problems in meeting the mandatory seven (7) working day deadline. The vendor must schedule a specific delivery day and time with personnel if the deadline is not met. Excessive failure to deliver within seven (7) working 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 a 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. Prior to the first delivery, the supplier needs to visit the site to understand the layout and what hoses and fittings will be needed for deliveries. Any spillage or leakage shall be the responsibility of the vendor.

**All quoted prices shall include delivery charges.** Deliveries shall be made to either of the following locations:

**Shelby County South Water Treatment Plant  
7935 Hwy 61  
Wilsonville, AL 35186**

**Talladega/Shelby Water Treatment Plant  
289 Coosa Industrial Park First Road  
Childersburg, AL 35044**

## **III. CHEMICAL DELIVERIES**

Deliveries of totes and/or bulk shall be made to either of the water treatment plants in accordance with plant operator instructions at the Talladega/Shelby Water Treatment plant located near Childersburg and at the Shelby County South Water Treatment Plant located in Wilsonville. Orders may include one or more delivery sites.

For all bulk loads of chemicals, the supplier shall provide all necessary hoses and fittings to safely offload the product into the designated tanks by plant personnel. Prior to the first delivery, the supplier needs to visit the site to understand the layout and what hoses and fittings will be needed for deliveries. Rejection of an unacceptable delivery method shall not excuse the vendor from the seven (7) working day delivery requirement.

Drivers shall not make connections nor initiate offloading procedures until authorized to do so by the plant operators. Drivers will be required to wear protective clothing and

equipment in accordance with OSHA rules during the unloading of the product. The Driver will monitor unloading to ensure that delivery is discontinued if a problem during unloading develops.

The supplier shall be responsible for the cleanup of any spills resulting from the delivery or during the product's unloading.

#### IV. **BILLING**

Invoice payments shall be based solely on the total certified weight ticket and the vendor's stated bid price. **The 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.

All invoices shall be billed to:

**Shelby County Water Services**  
**200 West College Street, Room 145**  
**Columbiana, AL 35051**

[ap-water-landfill@shelbyal.com](mailto:ap-water-landfill@shelbyal.com) preferred method of delivery.

#### V. **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 the product are:

- Annual use is approximately 100,000 pounds per year.

#### VI. **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**  
**October 2023**

<b>BID: ORTHO-POLYPHOSPHATE BLEND LIQUID - October 2023</b>	
Price FOR Totes delivered to either Plant listed in the bid.	Price per pound of Product shipped \$ _____
Price for bulk tanker loads delivered to either Plant listed in the bid.	Price per pound of Product shipped \$ _____

**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:** \_\_\_\_\_

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

**DON'T FORGET** to enclose the Bid Specifications documentation with your bid.

Sworn to and subscribed before me this

the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_, Notary Public

**My Commission Expires:** \_\_\_\_\_

**BID SPECIFICATIONS**  
**ORTHO/POLYPHOSPHATE BLEND LIQUID**  
**October 2023**

- A. The Ortho/Polyphosphate Blend Liquid (product) shall be an effective sequester ant and scale/corrosion inhibitor for the filtered water. The PRODUCT shall provide optimum corrosion protection for the distribution system. The material shall be Quantichem 436 or equal as determined by Shelby County. The PRODUCT shall be completely soluble in water.
- B. The PRODUCT must be NSF Standard 60 approved for use as an additive to potable water. Proof of NSF certification for the site of manufacture and the blending site should be supplied with the bid documents. If the bidder is not the original manufacturer, the original manufacturer must be identified and NSF certification provided for the manufacturer's plant. If this certification is not furnished with the bid, it must be furnished within five (5) days of request by Shelby County. Failure to submit proper and correct documentation within the allotted time shown above is grounds for rejection of the bid.
- C. PRODUCT shall be a 50/50 blend of Orthophosphate and Polyphosphate by weight with the following typical properties:
  - a. Specific Gravity: 1.3 – 1.4 @ 15.5°C
  - b. Phosphate Content (as PO<sub>4</sub>): 36% ± 1% by weight
  - c. Polyphosphate Content (as PO<sub>4</sub>): 18% ± 1% by weight
  - d. Orthophosphate Content (as PO<sub>4</sub>): 18% ± 1% by weight
- D. PRODUCT must function as a corrosion inhibitor by lowering the corrosivity of distributed water to iron, manganese, lead and zinc. Phosphate supplied must be effective in control of lead and copper corrosion to the extent that the established 90<sup>th</sup> percentile level of lead remain below 5 micrograms per liter and 0.65 milligrams per liter for copper. At no time shall the action level for lead and copper be exceeded during the proper application of this PRODUCT.
- E. PRODUCT must contain no bimetallics, such as zinc and have a pH range of 5.0 – 7.0.
- F. Use of product must not cause increased bacterial counts in the distribution system, or cause increased bacterial regrowth, as measured by HPC.
- G. PRODUCT must not increase the chlorine demand in the distribution system.
- H. Bidder must furnish with the bid a Certificate of Analysis from an independent third party laboratory certified by EPA in their home state for SDWA, or NPDES compliance analyses. Bidder certification by its own laboratory is not acceptable. The Certificate of Analysis sheet(s) must either accompany the completed bid package or be furnished with five (5) days notification by Shelby County. Failure to furnish the sheet(s) within the five (5) day period will be just cause for removal of the bid from further consideration.
- I. All shipments must be handled in compliance with all DOT and EPA regulations for the transport and handling of the material.
- J. Actual laboratory analysis of percentage PO<sub>4</sub> must accompany bills of lading for each shipment.

**BID SPECIFICATIONS - Continued**  
**ORTHO/POLYPHOSPHATE BLEND LIQUID**  
**October 2023**

- K. Supplier should furnish current Material Safety Data Sheets with bid response.
- L. Local service is required during the contract period in support of chemical usage. Identify name, address, and phone number of individual responsible for technical assistance and service.
- M. A certified weight ticket showing gross, net, and tare weights shall accompany each shipment.