GENERAL CONDITIONS FOR LIQUID ALUMINUM SULFATE NOVEMBER 2026

I. CONTRACT TERMS

The period of this contract will be **one (1) year** from the date the 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. 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.

All quoted prices shall include any and all delivery charges. Deliveries shall be made to any of the following locations:

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

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

III. CHEMICAL DELIVERIES

Deliveries of drums, 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. All deliveries on pallets shall be brought to the trailer door by the delivery driver.

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 product unloading. The Driver will monitor unloading and discontinue delivery if a problem develops.

The supplier is 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 dry pounds of product delivered, and all prices shall include shipping.** Shelby County Water Services requires a Purchase Order for every order placed. Shelby County Water Services is tax-exempt.

All invoices shall be billed to:

Shelby County Water Services
10927 US Highway 280
Sterrett, AL 35147

ap-water-landfill@shelbyal.com - preferred method of delivery.

V. ESTIMATED ANNUAL USE

Product 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:

- 1,500,000 lbs for combined plants

VI. BID QUALIFICATIONS

- **All BIDDERS must submit product information with their bid.** Information to be submitted must show the product proposed meets all the specifications listed in the Bid Specifications below and list **ALL EXCEPTIONS** to the specifications in a separate document. Failure to submit these exceptions may be cause for disqualification.

LIQUID ALUMINUM SULFATE
BID SPECIFICATIONS

I. GENERAL

A. The material to be provided shall be Liquid Aluminum Sulfate, approved for potable water treatment, listed/certified under the National Sanitation Foundation (NSF) Standard 60 and meeting all provisions of ANSI/AWWA STANDARD B403; “Aluminum Sulfate - Liquid, Ground or Lump”, of latest revision.

II. PRODUCT

A. The material shall be free from suspended matter and contain no turbidity visible to the naked eye and such clarity as to permit the reading of flow measuring devices without difficulty. The material shall contain no soluble minerals or organic substances capable of producing injurious effects on public health.

B. Materials shall comply with the requirements of the Safe Drinking Water Act and other federal regulations for potable water and wastewater systems as applicable.

C. Liquid Aluminum Sulfate shall be the product of the reaction between sulfuric acid and a mineral-rich in aluminum, such as bauxite.

D. Liquid Aluminum Sulfate shall have the following properties:

1. Al_2O_3 (Available Water Soluble): 8.0% - 8.4%
2. Water-insoluble matter: 0.2% max.
3. Water soluble iron (as Fe_2O_3): 0.35% max.

III. QUALITY CONTROL AND TESTING

A. Sampling and testing shall be conducted in accordance with all AWWA; ANSI and ASTM specifications.

B. It shall be the vendor's responsibility to provide a Material Compliance Certificate of Analysis for each lot shipped to the BUYER. The Certified Analysis shall be signed by an employee of the vendor and specify: % water-soluble aluminum as Al_2O_3, acidity of alum, % of water-insoluble matter, % of water-soluble iron (as Fe_2O_3) and liquid specific gravity. The Certificate of Compliance shall be in the possession of the Buyer at the time of delivery.

C. Upon request from the Buyer, it shall be the responsibility of the Supplier to provide a proper sample of the Liquid Aluminum Sulfate being delivered for analysis. The Liquid Aluminum Sulfate sample shall be prepared in accordance with AWWA 403 of the latest revision. Each sample shall be labeled to identify its content, and the label shall be signed by the person actually collecting the sample.

IV. MANUFACTURER

A. The Bidder shall state, in his proposal, the name of the manufacturer of the Liquid Aluminum Sulfate, the bidder intends to supply. The Contractor shall provide proof that the Liquid Aluminum Sulfate to be provided is approved for potable water treatment, and meets the National Sanitation Foundation Standard 60 and the specifications above.