

GENERAL CONDITIONS FOR LIQUID ALUMINUM SULFATE

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

Deliveries shall be made within seven (7) 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 seven (7) working 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 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 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 addresses:

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

Talladega/Shelby Water Treatment Plant
289 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, 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.

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 unloading of the product. Driver will monitor unloading to insure that delivery is discontinued if a problem during unloading develops.

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

IV. BILLING

Invoice payments shall be based solely on total certified weight ticket and the vendors stated bid price. Product shall be billed in **dry 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, AL 35051
ap-water-landfill@shelbyal.com

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 products are:

1,500,000 lbs for combined plants

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

BID: Liquid Aluminum Sulfate

**Liquid Aluminum Sulfate in Bulk Tanker
(per dry pound delivered)**

\$_____ at 8.2%

**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.**

Sworn to and subscribed before me this _____ day
of _____, _____.

_____, Notary Public

My Commission Expires: _____

BID SPECIFICATIONS FOR LIQUID ALUMINUM SULFATE

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 upon 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.