

**LIQUID ALUMINUM SULFATE**

The following are minimum specifications for Liquid Aluminum Sulfate.  
Response is required for each line item.

	Meets Specification (Yes or No)	If Specification Exceeded, Explain
	<hr/>	<hr/>
A. <u>Approximate requirements:</u> 800 Tons maximum		
B. <u>Specifications:</u>		
1. Material shall be the purified type, meeting the American Water Works Association Standard Specifications B403-09 and all addenda. Supplier shall include with their bid a certificate of compliance with ANSI/NSF Standard 60. An independent laboratory will analyze any material which is of questionable quality. If the material does not meet the specifications outlined, the supplier will be required to remit payment to the laboratory for the analysis, and the material will be rejected.	<hr/>	<hr/>
2. Liquid aluminum sulfate shall contain water-soluble aluminum of <u>not less than</u> 8.0 % as Al <sub>2</sub> O <sub>3</sub> .	<hr/>	<hr/>
3. Bids must be accompanied by a certified chemical analysis of the liquid aluminum sulfate which the manufacturer proposes to deliver.	<hr/>	<hr/>
4. A chemical analysis that includes specific gravity, temperature and percentage of Al <sub>2</sub> O <sub>3</sub> shall also be furnished with each individual shipment.	<hr/>	<hr/>
5. Supplier must be capable of shipments by suitable tank trucks. Delivery shall be for use during Fiscal Year 14/15 (July 1, 2014 through June 30, 2015)*.	<hr/>	<hr/>
6. Tank trucks shall come equipped with a ¾-inch quick-connect air coupler fitting for unloading the alum.	<hr/>	<hr/>
7. Supplier agrees that the City of Great Falls reserves the right to reject shipments that have been crystallized or do not meet other quality specifications.	<hr/>	<hr/>
8. Supplier will be held liable for all additional costs incurred by the City Water Treatment Plant for the necessity of using dry alum due to non-delivery or delivery of crystallized liquid aluminum sulfate.	<hr/>	<hr/>

(continued)

	Meets Specification (Yes or No)	If Specification Exceeded, Explain
9. Price quoted is to be F.O.B. Great Falls Water Treatment Plant and include any and all fuel surcharges and applicable taxes.	_____	_____
10. Price quoted shall not be contingent upon purchase of chemicals other than liquid aluminum sulfate.	_____	_____
11. Truck deliveries must be made on weekdays from 8:00 a.m. to 2:00 p.m. No deliveries will be accepted on weekends or City holidays.	_____	_____
12. Specify guaranteed delivery time after receipt of order. Be able to deliver within 7 days of ordering during each of the months of May, June, July, August, and September.	_____	_____

\* **NOTE:** The liquid aluminum sulfate storage facilities at the Great Falls Water Treatment Plant consist of three (3) tanks of 5,500 gallons each located indoors and two (2) tanks of 12,000 gallons each located trackside outdoors

Exceptions to any of the above specifications will not be acceptable unless the exception exceeds the specification.

Faxed bids or faxed documents will not be acceptable.

C. **BID PRICE:** (Bid according to dry weight basis of 17 % Al<sub>2</sub>O<sub>3</sub>)

\$ \_\_\_\_\_

D. **DELIVERY:**

Specify delivery information: \_\_\_\_\_  
\_\_\_\_\_

**ALL ITEMS MUST BE COMPLETED, OR YOUR BID WILL BE CONSIDERED NON-RESPONSIVE**