



**Cover Sheet  
 Invitation to Bid  
 Water and Wastewater Treatment Chemicals (1- Year Bid)**

The City of Emporia will accept sealed bids from chemical companies for the purchase of chemicals for the City's Water and Wastewater Treatment Plants for fiscal year 2017. All chemicals must meet all AWWA standards.

The City will accept sealed bids at 201 South Main Street, Emporia, Virginia 23847 until **2:00 P.M., Tuesday, July 5, 2016**

The City shall not accept any bids after this date/time for any reason. You must submit your bid in a sealed envelope clearly marked on the outside "*Bulk Chemical Bids.*" **You must include this completed cover sheet with your bid.**

Product	Wet Tons	Bid Amount	Dry Tons	Bid Amount	Gallons	Bid Amount	Pounds	Bid Amount
Alum Liquid	170							
Caustic Liquid	275							
Fluoride	6.0							
Chlorine Bleach					13,000			
Carbon			5					
Dry Lime			24					
Potassium Permanganate (CAIROX)							4,000	
Phosphate					2,000			

Name and Address of Proposer:

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_ (signature)

\_\_\_\_\_

Printed Name: \_\_\_\_\_

Telephone #: \_\_\_\_\_

Title: \_\_\_\_\_

Email: \_\_\_\_\_

The following provides the quantity and chemical description of chemicals the City intends to purchase with this bid.

<u>Quantity</u>	<u>Chemical Description</u>
170 Wet Ton	Alum, Liquid, 48% Strength
275 Wet Tons	Caustic, Liquid, 25% Solution (75 Wet Tons to WTP & 200 Wet Tons to WWTP)
6.0 Wet Tons	Fluoride at 23% to 26%, 55 Gallon Drums
13,000 Gallons	Chlorine Bleach, 12.5% Available Chlorine
5 Tons	Powder Activated Carbon (wood base) Super sacks
24 Tons	Dry Lime, Super sacks 24 Tons to WTP
4,000 Lbs. (55lb. Pails)	Potassium Permanganate (CAIROX)
2,000 Gallons	Phosphate

**Bid Specifications: Blended Phosphate**

The bidder shall supply approximately 600 to 700 gallons of a liquid polyphosphate/orthophosphate blend to the City of Emporia Water Treatment Plant.

**General Specifications:**

The bidder shall supply an affidavit from the manufacturer, which indicates that material complies with all bid specifications.

The bidder shall supply documentation that the material bid is manufactured and certified against ANSI/NSF Standard 60.

An MSDS for the product and a recent typical chemical analysis must accompany the bid.

A 24-hour emergency contact person name and phone number must accompany bid.

Each delivery must be accompanied by a bill of lading and weight ticket.

Bulk containers or trailers and all delivery lines, pumps, valves and hoses shall be clean and free of residue and contaminants prior to loading.

A certification of cleaning to potable water grade standards immediately prior to the current delivery must be provided.

The bidder shall be responsible for any spills, releases and cleanup resulting from the failure of its or its subcontractor's equipment or personnel during the delivery of the chemical supplied under this contract.

**Specific Chemical Requirements:**

The phosphate blend shall consist of 97.5% polyphosphate and 2.5% orthophosphate.

The phosphate shall be stable in storage for a minimum of 12 months.

The phosphate blend shall sequester manganese and iron and provide corrosion control for the water's distribution system. The bidder must provide a list of references of the product bid to demonstrate the performance of the product.

Delivered product must conform to orthophosphate, polyphosphate, and total phosphate and turbidity specifications. Product must be compatible with current product fed.

**Requirements:**

Polyphosphate Content: 97.5%

Orthophosphate Content: 2.5%

Total Phosphate Content: Minimum 30% as PO<sub>4</sub>

Product Weight: 11.4 to 11.7lbs. per gallon

Product Appearance: Clear, odorless

**PLEASE NOTE:**

Minimum order on hydrofluosilicic acid will be from 1 to 5 drums (55 gallon drum).

Minimum order of lime or carbon will be one pallet (45 to 50 bags).

All chemicals shall meet the AWWA standards and have NSF approval. The City requires that all bulk shipments have a document stating the chemical analysis of grade and strength of the shipment.

The City of Emporia reserves the right to reject any or all bids or accept any bid in part or in the entirety. The City shall award this bid to the successful vendor via purchase order and the City considers the purchase order as a contract between the City and the vendor.

Any questions, please direct them to Tom Delbridge, Superintendent, Water Treatment Plant, (434) 634-2544 or Melvin Prince, Superintendent, Wastewater Treatment Plant, (434) 634-5682.