

ITEM C

Phosphate Inhibitor

SPECIFICATIONS AND BIDDING INFORMATION BIDS CLOSE 3:00PM DECEMBER 3, 2024

The City of Albert Lea wishes to take bids for a blended phosphate inhibitor used in the City's municipal water supply for the purpose of corrosion control; mainly lead and copper. A secondary purpose would be to sequester small amounts of iron. The bid is to cover the City's needs for product from January 1, 2025, to December 31, 2025. The product must meet the following specifications and conditions.

1. Items A (Hydrofluosilicic Acid), B (Liquid Chlorine) and C (Phosphate Inhibitor) must be bid together and the bid will be based on the grand total of approximately 37,400 pounds of Hydrofluosilicic Acid, 18,000 pounds of Liquid Chlorine, and 3,600 gallons of Phosphate Inhibitor. Bids for only one or two of Items A, B and C will not be considered. Bid envelopes should be marked "Bid Opening – Chemical Bids" so that they are not opened in error.
2. Chemical Bids shall cover the City Water Department's requirements of Hydrofluosilicic Acid, Liquid Chlorine, and Phosphate Inhibitor for the period beginning January 1, 2025, and ending December 31, 2025.
3. Phosphate Inhibitor must contain 30% polyphosphate and 70% orthophosphate and shall not contain zinc.
3. Product shall be in liquid form and will be delivered in bulk quantities of approximately 300 gallons per order. Drums and barrels will not be considered bulk delivery. Successful bidder shall deliver to delivery sites independently after the City shows the driver the locations after the first delivery.
4. Material Safety Data Sheet shall accompany the bid. Product shall have no injurious effect on employees handling the product.
5. Phosphate inhibitor shall be bid price per pound, including delivery to three treatment plant sites. Bid shall be based on product weight of 11.4 pounds per gallons.
6. Bidders shall furnish all pertinent information of the product being bid. Information being brand name of the product, make up of product such as pH. phosphate, polyphosphate, orthophosphate content as PO₄, shelf life and solubility.
7. The City of Albert Lea reserves the right to change suppliers if, after a reasonable amount of time, the product does not prove successful in corrosion control.
8. Successful bidder will maintain existing chemicals feed equipment for cost of parts only.