

NOTICE TO BIDDERS

NOTICE is hereby given that the Village of Fredonia is seeking sealed bids for the purchase of Polycationic Polymer Potable Water Coagulant Liquid Form, Poly Aluminum Chloride water coagulant Liquid Form and Poly Orthophosphate for the Village fiscal year June 1, 2024 through May 31, 2025. Bids shall be returnable no later than 11:00 AM on May 6, 2024, at which time the bids shall be publicly opened and read. Please mail or deliver the sealed **BIDS CLEARLY MARKED** “POLYMER BID”, “ALUMINUM CHLORIDE BID” “POLY ORTHOPHOSPHATE BID” or “POWERED BLEND OF INORGANIC PHOSPHATES” (each individual bid to be contained in a SEPARATE envelope) to the Village Clerk’s Office, 9-11 Church Street, Fredonia, New York, 14063. Specifications are on file at the Village Clerk’s Office. A non-collusive bidding certification must accompany all bids.

The Board of Trustees of the Village of Fredonia reserves the right to reject any and all bids, and to accept the bid which is deemed most advantageous to the Village.

Annemarie Johnston
Village Clerk
Village of Fredonia
Fredonia, New York 14063

DATED: April 16, 2024

SPECIFICATIONS FOR
POTABLE WATER COAGULANT

1. Polycationic polymer potable water coagulant liquid form such as Applied Specialties AS-2160 or equivalent.
Estimated yearly quantity approximately 1,800 gallons to be delivered in 55 gallons containers.
2. Poly Aluminum Chloride water coagulant liquid form such as Applied Specialties AS-3036 or equal.
Estimated yearly quantity 2,000 gallons delivered in 55-gallon containers.
3. Poly Orthophosphate AS-7733 or equivalent. Delivered in 30-gallon containers.
4. Powered Blend of Inorganic Phosphates in 5 gal pails such as Koester Associates, SEAQUEST or equal. Magnesium based.
Estimated yearly quantity approximately 2 pails per week delivered in orders of 4 or 8 pails each month by UPS.

All shipments MUST be made to the Fredonia Water Filtration Plant, 9254 Fredonia-Stockton Road, Fredonia NY 14063. Shipment amounts to be determined by mutual agreement.

All chemicals should be NSF or underwriters Laboratory approved for Potable water use.

The Village reserves the right in its discretion to accept the lowest bid for each of the above-items from different bidders or to accept all items if lower.

In determining price, the Board of Trustees may consider the amount of chemicals necessary to perform the job.

If more information is required, please contact Chris Surma at 679-2310.

Revised 3/28/14

NOTICE TO BIDDERS

NOTICE is hereby given that the Village of Fredonia is seeking sealed bids for the purchase of Ferric Chloride for the Waste Water Treatment Plant for the Village fiscal year June 1, 2019 through May 31, 2020. Bids shall be returnable no later than 10:00 AM on May 1, 2019, at which time the bids shall be publicly opened and read. Please mail or deliver the sealed **bids clearly marked "FERRIC CHLORIDE BID"** to the Village Clerk's Office, 9-11 Church Street, Fredonia, New York, 14063. Specifications are on file at the Village Clerk's Office. A non-collusive bidding certification must accompany all bids.

The Board of Trustees of the Village of Fredonia reserves the right to reject any and all bids, and to accept the bid which is deemed most advantageous to the Village.

Annemarie Johnston
Village Clerk
Village of Fredonia
Fredonia, New York 14063

DATED: April 2, 2019

SPECIFICATIONS FOR FERRIC CHLORIDE

The Village of Fredonia Waste Water Treatment Plant has a need for ferric chloride solution. The ferric chloride shall be approximately 30% ferric chloride, aqueous solution. The iron present shall be greater than 95% in the ferric state; less than 5% in the ferrous or other state.

Ferric solution shall be filtered to remove suspended solids.

Metals present, other than iron shall be sufficiently low concentrations to allow the disposal of the WWTP sludge as a non-hazardous waste. A complete metals analysis should be included with the bid.

Quantities delivered to the WWTP shall be tanker loads of approximately 4000 gal. Coordination of deliveries with plant staff is required. The estimated annual usage at the WWTP is approximately 30,000 to 40,000 gal.

Bids should state the bid price as cost per dry ton solids as ferric chloride, delivered to the WWTP at 4700 W. Lake Road, Dunkirk NY 14048

Any questions related to these specifications should be directed to Sean Raynor Porter, Chief Operator, at (716) 366-0057.

NOTICE TO BIDDERS

NOTICE is hereby given that the Village of Fredonia is seeking sealed bids for the purchase of Synthetic Flocculate for the Waste Water Treatment Plant for the Village fiscal year June 1, 2019 through May 31, 2020. Bids shall be returnable no later than 10:00 AM on May 1, 2019, at which time the bids shall be publicly opened and read. Please mail or deliver the sealed bids clearly marked **“SYNTHETIC FLOCCULATE BID”** to the Village Clerk’s Office, 9-11 Church Street, Fredonia, New York, 14063. Specifications are on file at the Village Clerk’s Office. A non-collusive bidding certification must accompany all bids.

The Board of Trustees of the Village of Fredonia reserves the right to reject any and all bids, and to accept the bid which is deemed most advantageous to the Village.

Annemarie Johnston
Village Clerk
Village of Fredonia
Fredonia, New York 14063

DATED: April 2, 2019

BIDS SPECIFICATIONS FOR SYNTHETIC FLOCCULATE

The Village of Fredonia Wastewater Treatment Plant will accept bids for a one-year supply of dry synthetic polymer. The polymer will be used in the sewage treatment process for sludge thickening of waste activated sludge in the dissolved air flotation process, and in the dewatering of anaerobically digested sludge in the centrifugation process. Sealed bids shall be returnable to the Village Clerk's Office, 9-11 Church Street, Fredonia, New York 14063 until 10:00 AM on **May 1, 2019** at which time the bids will be publicly opened and read aloud in Conference Room 1, Village Hall. The Board of Trustees of the Village of Fredonia reserves the right to reject any and all bids and to accept the bid most advantageous to the Village of Fredonia.

Proposed polymers must meet the following conditions and specifications:

1. The quoted price shall be for the Village fiscal year **June 1, 2019 to May 31, 2020**.
2. The quoted price for dry synthetic polymer shall be in terms of "cost per pound of active dry weight polymer". The low bidder will be selected on the basis of cost/dry ton dewatered solids. For example:

Product No. 1 \$1.50/lb. Dosage required per dry ton, 25 lb.
 $\$1.50/\text{lb.} \times 25\text{lb.} / \text{dry ton} = \$37.50/\text{dry ton}$

Product No. 2 \$1.65/lb. Dosage required per dry ton, 20 lb.
 $\$1.65/\text{lb.} \times 20\text{lb.} / \text{dry ton} = \$33.00/\text{dry ton}$

Product No. 2 wins the bid.

3. All quoted products must meet the specifications of #4, below. The amount of polymer is estimated to be 10,000-15,000 pounds per year: normal ordered quantity will be approximately 3,000 pounds. This is an estimate only based on historical usage and is not a guaranteed purchase quantity. The price shall be a delivered price, including freight costs to the Wastewater Facility, Dunkirk, New York.
4. Testing of all bid polymers shall be required in order to evaluate bid proposal product performance. Centrifugation, of anaerobically digested total waste activated sludge of solids content 2-4%, at a minimum feed rate of 30 gpm, shall produce a centrate recovery of 95% or greater and a sludge cake of 17% or greater. Centrifuge operating parameters will be set by the Village. Bids must state the recommended optimum dose in pounds of polymer per dry ton required to produce a centrifuge cake of at least 17% dry solids. The bidder shall demonstrate both the dosage rate (lbs. of polymer / dry ton of solids dewatered) and performance (17%). The polymer bidder shall demonstrate the performance of the bid product on a full-scale basis for a period of 6 hours. All costs for polymer for said demonstration shall be borne by the bidder. The Fredonia WWTP and/or the bidder's actual laboratory will perform the laboratory analyses.
5. Due to the large number of polymers available and the complexity of applications, the Village of Fredonia WWTP reserves the right to continue testing polymers during the contract period, for the most economical application. Should the Village determine that alternate polymers, including both dry synthetic, liquid emulsions and or conditioning chemicals, match product performance and are more cost effective than the bidder's proposal; the bidder will be advised of such cost benefits and provided the opportunity to duplicate said benefits. If the bidder is unsuccessful in duplicating the benefits, the Village of Fredonia reserves the right to terminate the contract and re-bid the product.

6. Product description and safety information must be provided with bid.

Questions relating to the processing equipment available, sludge characteristics, or the specifications should be directed to Sean Raynor, Chief Operator, Fredonia Wastewater Treatment Plant, 4700 West Lake Road, Dunkirk, N.Y. 14048 Phone (716) 366-0057.

NOTICE TO BIDDERS

NOTICE is hereby given that the Village of Fredonia is seeking sealed bids for the purchase of Liquid Chlorine (Liquefied Gas Chlorine) for the Waste Water Treatment Plant and the Water Filtration Plant for the Village fiscal year June 1, 2019 through May 31, 2020.

Approximate Quantity 30 to 40 cylinders of one-ton containers for the Waste Water Treatment Plant (any questions please contact Kenny Porter at 716-366-0057)

Quantity 75 to 100 of 150 lbs cylinders for the Filtration Plant (any questions please contact Chris Surma at 716-679-2310)

Bids shall be returnable no later than 10:00 AM on May 1, 2019, at which time the bids shall be publicly opened and read. Please mail or deliver the **sealed bids clearly marked "LIQUID CHLORINE BID" (Liquefied Gas Chlorine)** to the Village Clerk's Office, 9-11 Church Street, Fredonia, New York, 14063. Specifications are on file at the Village Clerk's Office. A non-collusive bidding certification must accompany all bids.

The Board of Trustees of the Village of Fredonia reserves the right to reject any and all bids, and to accept the bid which is deemed most advantageous to the Village.

Annemarie Johnston
Village Clerk
Village of Fredonia
Fredonia, New York 14063

DATED: April 2, 2019

NON-COLLUSIVE BIDDING CERTIFICATION

In accordance with Section 103d of the New York State General Municipal Law, the contractor under penalty of perjury hereby certifies that:

- (a) By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and, in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief;
 - (1) The prices in this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
 - (2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly, or indirectly, to any other bidder or to any competitor; and
 - (3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

Name of Bidder or Contractor

By

DATED: _____

Envelopes for Poly, Aluminum chlor and Zinc

USALCO, LLC
2601 Cannery Avenue
Baltimore MD 21226

Applied Specialties, Inc
33355 Pin Oak Parkway
Avon Lake, Ohio 44012

Nalco ICG Municipal Services
1601 W. Diehl Road
2nd floor, Building 2
Naperville IL 60563
Attn: Patricia Allen

Barber's Chemicals Inc.
950 Main Street
PO Box 135
Sharpsville PA 16150

Slack Chemical Co., Inc.
465 S. Clinton Street
PO Box 30
Carthage NY 13619

Kamira Water Solutions, Inc.
4321 W. 6th Street
Lawrence Kansas 66049
Attn: BIDS

Holland Company, Inc.
153 Howland Avenue
Adams MA 01220-1199

Water Elements, LLC
201 W Christina Blvd, Ste 3
Lakeland FL 33813
Attn: Tony Tyler

Clean Waters Inc.
26808 County Rt. 3
Plessis, NY 13675

Envels for Liquid

Barber's Chemicals Inc.
950 Main Street
PO Box 135
Sharpsville PA 16150

Slack Chemical Co., Inc.
465 S. Clinton Street
PO Box 30
Carthage NY 13619

AMREX Chemical Co., Inc.
117 E. Frederick Street
PO Box 542
Binghamton NY 13902

UNIVAR
326 Bunola River Road
Bunola PA 15020-0303

JCI Jones Chemical, Inc.
100 Sunny Sol Boulevard
Caledonia NY 14423

Kemira Water Solutions
4321 W. 6th Street
Lawrence KS 66049
Attn: BIDS

Bison Laboratories Inc
100 Leslie Street
Buffalo NY 14211

Clean Waters Inc.
26808 County Rt. 3
Plessis, NY 13675

Env for Ferric

Slack Chemical Co., Inc.
465 S. Clinton Street
PO Box 30
Carthage NY 13619

Kamira Water Solutions, Inc.
4321 W. 6th Street
Lawrence Kansas 66049
Attn: BIDS

JCI Jones Chemical, Inc.
100 Sunny Sol Boulevard
Caledonia NY 14423

Reserve Solutions Inc.
PO Box 1768
600 State Road
Ashtabula Ohio 44005-1768

Barber's Chemicals Inc.
950 Main Street
PO Box 135
Sharpsville PA 16150

Bison Laboratories Inc
100 Leslie Street
Buffalo NY 14211

Clean Waters Inc.
26808 County Rt. 3
Plessis, NY 13675

Env for Synthetic Flocc

Barber's Chemicals Inc.
950 Main Street
PO Box 135
Sharpsville PA 16150

Clean Waters Inc.
26808 County Rt. 3
Plessis NY 13675

Slack Chemical Co., Inc.
465 S. Clinton Street
PO Box 30
Carthage NY 13619

SNF Polydyne Inc.
PO Box 279
Riceboro GA 31323

Applied Specialties, Inc
33355 Pin Oak Parkway
Avon Lake, Ohio 44012

