



AGENDA MEMORANDUM

Action Item for the City Council Meeting of January 14, 2020

DATE: January 14, 2020

TO: Peter Zanoni, City Manager

FROM: Kevin Norton, Director of Water Utilities
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<p>Supply Agreement for Liquid Cationic Polymer for Water Treatment for the O.N. Stevens Water Treatment Plant</p>

CAPTION:

Motion authorizing a two-year supply agreement with Polydyne, Inc., of Riceboro, Georgia, for an amount not to exceed \$1,600,800.00 for liquid cationic polymer to be used as a coagulant at the O.N. Stevens Water Treatment Plant for the treatment process of potable water, effective upon issuance of notice to proceed, with FY 2020 funding in an estimated amount of \$600,300.00 available through the Water Fund.

SUMMARY:

This is a supply agreement for liquid cationic polymer for the O.N. Stevens Water Treatment Plant. Liquid cationic polymer is used as a coagulant aid to increase the settling of suspended solids during the water treatment process at the O.N. Stevens Water Treatment Plant. The polymer helps bring suspended particles in the water together to form large particles that sink to promote settling during the treatment process.

BACKGROUND AND FINDINGS:

Liquid cationic polymer is a coagulant aid chemical used for the treatment of potable water at O.N. Stevens Water Treatment Plant. The polymer enhances the effectiveness of the coagulant (aluminum sulfate) in bringing small particles in the water together to form larger particles that sink, in order to increase settling during treatment.

The City currently receives liquid cationic polymer from Polydyne, Inc. of Riceboro., Georgia. Contracts and Procurement Department conducted a competitive Request for Bid process to obtain bids for a new contract. The City received three responsive, responsible bids, and is recommending award to the lowest, responsive, responsible

bidder, Polydyne, Inc.

ALTERNATIVES:

An alternative to securing a long-term supply agreement is to purchase the liquid cationic polymer through short-term supply agreements. This method of transactions may cause delays in the shipment of this critical chemical used for the treatment of potable water. In addition, the cost will depend on the market price at the time of purchase, which may be higher than a locked-in price obtained through a long-term agreement.

FISCAL IMPACT:

The fiscal impact to the Utilities Department in FY 2020 is an amount not to exceed \$600,300.00 for this two-year supply agreement for the purchase of liquid cationic polymer, which is used as a coagulant aid to increase the settling of suspended solids during the water treatment process. The remaining cost will be budgeted in future years through the annual budget process. The current supply agreement that expires in January 2020 is for twelve months and not to exceed \$730,000.00.

Funding Detail:

Fund:	4010 Water
Organization/Activity:	31010 Stevens Filter Plant
Mission Element:	062 Treat water
Project # (CIP Only):	N/A
Account:	520010 Purification Chemicals

RECOMMENDATION:

Staff recommends approval of this motion authorizing a two-year supply agreement with Polydyne, Inc. for the purchase of liquid cationic polymer as presented.

LIST OF SUPPORTING DOCUMENTS:

Supply Agreement
Bid Tabulation