

Legislation Text

File #: 15-7268, Version: 1

McAlpine Creek Wastewater Treatment Polymer Contract

Action:

- A. Award a unit price contract to the lowest responsive bidder Polydyne, Inc. for the purchase of polymer chemicals for a term of two years and five months, and**
- B. Authorize the City Manager to renew the contract for up to two additional, two-year terms with possible price adjustments and to amend the contract consistent with the purpose for which the contract was approved.**

Staff Resource(s):

Angela Lee, Charlotte Water
Ron Hargrove, Charlotte Water

Explanation

- Charlotte Water operates five wastewater treatment plants and one water treatment plant that utilize polymer chemicals that are necessary for the treatment and dewatering of solids removed from the treatment process.
- This contract is for the purchase of polymer chemicals needed at the McAlpine Creek Wastewater Treatment Plant.
- On July 19, 2017, potential polymer suppliers responded to a Request for Information certifying their branded line of products, quality control, and manufacturing capacity for the polymer products being offered to the City.
- Performance testing of the polymers was conducted to determine the thickening and dewatering capability of processing solids and compatibility with plant equipment.
- On November 17, 2017, Charlotte Water issued an Invitation to Bid to the three polymer suppliers that met the performance testing criteria; bids were received from all three polymer suppliers.
- Total cost was calculated using each supplier's bid price per pound of polymer and the amount of polymer used to reach established performance criteria during the polymer testing. Based on this calculation, Polydyne, Inc. was selected as the lowest responsive, responsible bidder.
- The estimated annual expenditures are \$600,000.
- Charlotte Water is currently conducting Polymer Trials at three wastewater treatment plants and one water treatment plant; City Council will be requested to approve future similar contracts in Summer 2018.

Charlotte Business INclusion

No subcontracting goal was established because there are no opportunities (Part C: Section 2.1(a) of the Charlotte Business INclusion Policy).

Fiscal Note

Funding: Charlotte Water Operating Budget