



### **Agenda Action Form Overview**

The Board is requested to authorize the County Manager to enter into purchase of goods contracts for the following chemicals for the Triangle Wastewater Treatment Plant for the 2019 fiscal year:

1. \$137,600.00 with Southern Ionics, Inc. for sodium aluminate;
2. \$114,000.00 with Brenntag Southeast, Inc. for methanol;
3. \$35,000.00 with Amerochem Corp. for sodium hypochlorite;
4. \$41,595.00 with Brenntag Southeast, Inc. for sodium hydroxide; and

to authorize the County Manager to execute annual renewals, for up to four additional one year periods in accordance with the terms and conditions of the original contract and subject to budget availability.

### **Background/Justification**

The Triangle Wastewater Treatment Plant (TWWTP) utilizes several different chemicals to meet on-going operations. To meet the parameters of the National Pollutant Discharge Elimination System (NPDES), we must supplement wastewater treatment with chemicals to meet stringent effluent requirements. Currently, we are utilizing methanol as a carbon source to aid in nitrogen removal and sodium aluminate to aid in phosphorous removal. TWWTP distributes reclaimed water to various utility customers. As part of the reclaimed permit, sodium hypochlorite must be added to aid in the disinfection process. In addition, TWWTP uses sodium hypochlorite and sodium hydroxide for odor control at the influent headworks.

Durham County sent out an Invitation for Bids (IFB 18-030) for Triangle Wastewater Treatment Plant Chemicals in March 16, 2018. Nine (9) bids were received. All chemical companies that submitted bids were qualified to deliver the required chemicals to TWWTP. After discussion with procurement, the dewatering polymer will be re-bid to allow substitutions.

All four chemicals were previously bid as part of IFB 14-015 in January of 2013.

In review of the MWBE compliance for IFB 18-030 Chemicals for the Durham County Triangle Wastewater Treatment Plant, there are no MWBE participation goals achieved on this project. Businesses have been selected for the specific chemicals and will be utilizing their own workforce to perform this service on this project.

### **Policy Impact**

This action is in accordance with Durham County Strategic Plan Goal 4: “Environmental Stewardship and Community Prosperity,” as these chemicals are necessary for the Triangle Wastewater Treatment Plant to meet all permit limitations as specified in the facility’s NPDES permit.

### **Procurement Background**

#### **Type of purchase**

☒ Goods



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- ☐ Services
- ☐ Architect, Engineer or Surveyor Services
- ☐ Construction and Repair

**Did this request for purchase go through a bid process? Yes ☒ No ☐**

*Goods: Bids required if  $\geq \$30,000$ , BOCC approval if  $\geq \$90,000$*

*Services: Bids required if  $\geq \$30,000$ , BOCC approval if  $> \$40,000$*

*Construction/Repair work: Bids required if  $\geq \$30,000$ , BOCC approval if  $\geq \$500,000$*

If yes, attach a copy of bid tab and the minority and women business enterprise (MWBE) compliance review form provided by the Purchasing Division.

If no, why?

- ☐ Sole source exemption
- ☐ Cooperative purchasing program exemption
- ☐ State and federal contract exemption
- ☐ Contract is an amendment to an existing contract
- ☐ Other (please explain)

**If exempted from bidding, has this request been reviewed and approved by the Purchasing Division in the agenda Legistar system? Yes ☐ No ☐**

If no, why?

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**Fiscal Impact**

Total costs for the four contracts shall not exceed \$328,195 for any individual fiscal year. All costs will be funded through the Enterprise Fund.

**Recommendation**

The County Manager recommends the Board authorize the County Manager to enter into purchase of goods contracts for the following chemicals for the Triangle Wastewater Treatment Plant for the 2019 fiscal year:

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