



**Agenda Action Form Overview**

The Board is requested to authorize the County Manager to enter into a contract amendment to increase the existing service contract with Alfa Laval Inc. (FR# 19-160) for machinery and equipment repair for the Triangle Wastewater Treatment Plant in the amount of \$20,800.31, bringing the total contract amount from \$35,831.00 to \$56,631.31.

**Background/Justification**

Durham County Triangle Wastewater Treatment Plant has strict biological nutrient removal limits as defined in NPDES Permit Number NC0026051. To meet these strict requirements, it's imperative to maintain a healthy biomass environment in the Biological Nutrient Removal Basins. To maintain a healthy biomass environment, some microorganisms are returned to the biological process, and some microorganisms are wasted to the Solids Handling Building. In the Solids Handling Building, there are three (3) Alfa Laval centrifuges. The centrifuges are critical to the process for dewatering waste activated sludge. The initial contract for \$35,831.00 was based upon the unit requiring a basic overhaul. Once the equipment was disassembled and inspected by Alfa Laval, it was noted several parts had worn beyond repair and need replacement. The additional costs associated with the repair and replacement of the defective parts is \$20,800.31.

**Policy Impact**

This action is in accordance with Durham County Strategic Plan Goal 4: "Environmental Stewardship and Community Prosperity," as these centrifuges 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
- ☒ 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**

The costs for parts and repairs are estimated not to exceed \$56,631.31. The costs will be funded from the Enterprise Fund.

**Recommendation**

The County Manager recommends the Board to authorize the County Manager to enter into a contract amendment to increase the existing machinery and equipment repair contract with Alfa Laval Inc. for the Triangle Wastewater Treatment Plant in the amount of \$20,800.31, bringing the total contract amount from \$35,831.00 to \$56,631.31.