



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#23-482) for machinery and equipment repair for the Triangle Wastewater Treatment Plant in the amount of \$39,995, bringing the total contract amount from \$20,000 to \$59,995 and request the Board to give authority to the Manager to execute any subsequent amendments in this fiscal year not to exceed a total contract amount of \$72,000.00. Additionally, we request the Board to approve the sole source exemption for this contract. The sole source letter is attached.

Background/Justification

Durham County Triangle Wastewater Treatment Plant has strict biological nutrient removal limits as defined in National Pollutant Discharge Elimination System (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 Alfa Laval centrifuges. The centrifuges are critical to the process for dewatering waste activated sludge. The initial contract for \$20,000 is for annual preventative maintenance services. It has been determined that centrifuge number two needs to be rebuilt due to several parts worn beyond repair and need replacement. The additional costs associated with the repair has been quoted at \$45,495 but was also noted on the quote that the last centrifuge that was rebuilt cost \$56,000.

The funds for this contract are covered by the Enterprise Fund.

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?

Fiscal Impact

The costs for parts and repairs are estimated at \$45,495 for the rebuild unless additional issues are found. The cost for the rebuild and preventative maintenance scheduled should not exceed \$59,995. The costs will be funded from the Enterprise Fund.

Recommendation

The County Manager recommends that the Board authorize the County Manager to enter into a contract amendment to increase the existing service contract with Alfa Laval Inc. (FR#23-482) for machinery and equipment repair for the Triangle Wastewater Treatment Plant in the amount of \$39,995, bringing the total contract amount from \$20,000 to \$59,995 and request the Board to give authority to the Manager to execute any subsequent amendments in this fiscal year not to exceed a total contract amount of \$72,000.00. Additionally, we request the Board to approve the sole source exemption for this contract.