



Agenda Action Form Overview

The Board is requested to authorize the County Manager to enter into a contract amendment to increase the existing design consultant contract with Black & Veatch International Company (FR# 17-832) for the Efficiency and Resiliency Improvements Project (RFQ 17-012) in the amount of \$41,500, bringing the total contract amount from \$471,400 to \$512,900, and to execute any other related contracts, including amendments, not to exceed \$560,000.

Background/Justification

Black and Veatch will provide engineering design services to current mechanical and electrical drawings, developing new details, and specifications to incorporate demolition and replacement of existing Sodium Hypochlorite Bulk Storage Tank Nos. 2 and 3 into the final bidding documents. Black and Veatch has currently been working on the design to extend and modify the sodium hypochlorite feed piping at the filter gallery, raising of the equipment pad for an existing bulk sodium hypochlorite storage tank, and replacing an existing air release valve on the reclaimed water force main for improvements to the sodium hypochlorite (i.e. bleach) feed system at the Triangle Wastewater Treatment Plant. Sodium hypochlorite is used at the wastewater treatment plant for disinfection of the reclaim water system and for cleaning the sand filters.

Black and Veatch provided the engineering design services for the aeration system upgrade and is conducting the Construction Administration. The original construction contract was scheduled to be complete on October 8, 2019. Due to a delay in piping fabrication, English Construction intends to demobilize on Friday, October 25, 2019 and reconvene onsite on January 6, 2020. At that time, they indicate it will take eight weeks to complete the work and commission the equipment. Black & Veatch did not budget for this additional time to administer the Construction Administration.

In review of the MWBE compliance for the TWWTP Efficiency and Resiliency Improvements Amendment #7 to RFQ 17-012, there were no MWBE participation goals achieved on this project amendment. Black & Veatch International Company 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 this project will ensure a clean environment by improving the sodium hypochlorite chemical controls and feed system and ensure there is a redundant blower system to maintain compliance at the Triangle Wastewater Treatment Plant.

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



Durham County Government Agenda Action Form Supplemental Document – Contract Approval

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 TWWTP Aeration System Enhancements TWWTP Efficiency and Resiliency Improvements Amendment #8 is in the amount of \$41,500. The project amendment 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 design consultant contract with Black & Veatch International Company (FR# 17-832) for the Efficiency and Resiliency Improvements Project (RFQ 17-012) in the amount of \$41,500, bringing the total contract amount from \$471,400 to \$512,900, and to execute any other related contracts, including amendments, not to exceed \$560,000.