



Agenda Action Form Overview

The Board is requested to authorize the County Manager to enter into a service contract amendment with Freese and Nichols (FNI) to provide engineering services for Triangle Wastewater Treatment Plant Expansion Study (RFQ 24-050) (FR 25-1192) in the amount of \$388,046, bringing the total contract amount from \$547,900 to \$935,946 with a not to exceed amount of \$990,000. Funding will be from the Sewer Enterprise Fund operating budget.

Background/Justification

The engineering services will consist of evaluating wastewater service area needs and planning strategies to meet expected demands in Research Triangle Park and surrounding service area. FNI will assess the plant's capability of increasing its existing discharge to Northeast Creek to provide service to the service area's future development.

The Scope of Services was broken into five tasks. The original contract covered the following two tasks:

- Task 1 – Study plan preparation and Agency coordination.
- Task 2 – Completion of the Northeast Creek water quality modeling and regulatory coordination for speculative discharge limits.

This approval will cover the following:

- Task 3 – Engineer's Alternative Analysis (EAA)
- Task 6 – Technical Support for Jordan Lake Rules Readoption

Future phases will include preliminary design and permitting, and other special services related to this project, as agreed upon by the County, depending on the outcome of Task 2. This work provides the foundational basis to inform any decisions relating to future expansion and permitting of the Triangle Wastewater Treatment Plant (TWWTP) permitting discharge capacity.

Durham County issued a Request for Qualifications (RFQ 24-050) on May 12, 2024. RFQ 24-050 was advertised in local newspapers and on the Durham County website. Three proposals were received on June 13, 2024. Based on the three responses Durham County received regarding RFQ 24-050, FNI was determined to be the most qualified firm for this service.

Policy Impact

This item aligns with Durham County Strategic Goal: Sustainable Infrastructure & Environment. There are no Policy Impacts.

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 associated with these engineering services will be funded from the Sewer Enterprise Fund operating budget.

Recommendation

The County Manager recommends the Board authorize the County Manager to enter into a service contract amendment with Freese and Nichols (FNI) to provide engineering services for Triangle Wastewater Treatment Plant Expansion Study (RFQ 24-050) (FR 25-1192) in the amount of \$388,046, bringing the total contract amount from \$547,900 to \$935,946 with a not to exceed amount of \$990,000. Funding will be from the Sewer Enterprise Fund operating budget.