



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 AECOM Technical Services of North Carolina, Inc. (AECOM) (FR# 17-1056) to provide additional engineering services for the Stirrup Iron Creek Basin Collection system capacity analysis tasks (RFQ 17-011) in the amount of \$126,180, bringing the total contract amount from \$94,970 to \$221,150.

Background/Justification

A 2015 sanitary sewer modeling study performed by URS Corporation revealed the gravity sanitary sewer pipe between manholes T-19-030 and T-19-028 of the Stirrup Iron West Gravity Sewer Outfall is at 100% capacity. To continue economic development in the area tributary to the Stirrup Iron West Gravity Sewer Outfall it is necessary to increase the capacity of the sanitary sewer. Initially, it was believed that a parallel sewer may solve the issue but with continuous development in the area, additional evaluations and modeling need to be completed to determine a size for a new pump station and force main. Stirrup Iron Creek Pump Station upgrades are almost complete and with growth in the area it is already over capacity. There are no additional upgrades that can be completed at this pump station to allow for any increase in capacity. The additional engineering services will consist of evaluating Page Point Pump Station and Page Park Pump Station to determine the volume of flow each discharge to Stirrup Creek Pump Station, complete collection system model scenarios of the Stirrup Iron Creek Basin, and provide on-call evaluation of capacity requests from new development.

Durham County issued a Request for Qualifications (RFQ 17-011) on September 9, 2016 for the evaluation of current and future capacity requirements and any design improvements required to increase the capacity of the Stirrup Iron Creek Sewershed to continue economic development in the area.

In review of the MWBE participation for this Engineering Consultant Services project, AECOM Technical Services of NC, Inc. will be utilizing 22.81% Women-Owned businesses to provide Engineering Consultant Services subcontracting on this project.

Policy Impact

This action is in accordance with Durham County Strategic Plan Goal 1 “Community and Family Prosperity and Enrichment,” as well as supporting Strategic Plan Goal 4 “Environmental Stewardship.” This project will foster a business-friendly environment by completing the first step towards creating available sewer capacity which will allow continued economic growth in the region. Additionally, the increased capacity will reduce the risk of a sanitary sewer overflows during adverse weather conditions.

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

Engineering services cost is not to exceed \$126,180. Funding for this project is from the Collection System Rehabilitation project fund, which is 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 AECOM Technical Services of North Carolina, Inc. (AECOM) (FR# 17-1056) to provide additional engineering services for the Stirrup Iron Creek Basin Collection system capacity analysis tasks (RFQ 17-011) in the amount of \$126,180, bringing the total contract amount from \$94,970 to \$221,150.