



Agenda Action Form Overview

The Board is requested to approve Capital Project Amendment No. **21CPAXXXXX** transferring and appropriating a total amount of \$6,920,596 (\$6,017,910 from the Sewer Utilities Enterprise Fund's unspent System Development Fee funds and \$902,686 from unrestricted cash) and to create the HUB RTP Sanitary Sewer and Reclaimed Water Extension Project **SE0XX** in the amount of \$6,920,596. The Board is also requested to award a construction contract to Pipeline Utilities, Inc. for the construction of the HUB RTP Sanitary Sewer and Reclaimed Water Extension Project in the amount of \$6,017,910 and to authorize the County Manager to execute the contract and any related contract amendments not to exceed a total project budget of \$6,920,596.

Background/Justification

A Utility Contract for the Extension of the County Sanitary Sewer System and Reclaimed Water System was approved January 26, 2015. The extension of the County reuse water system is for approximately 10,000 feet of sixteen-inch reuse water line from the south corner of the NC Highway 147/Hopson Road interchange to the south side of Interstate 40 at the HUB RTP (formerly Park Center). The extension of the sanitary sewer system is for approximately 3,700 feet of 24-inch or greater sewer line from the existing 36-inch sewer north of NC Hwy 147 to the south side of Interstate 40 at the HUB RTP.

The lines are being installed in existing County easements with the exception of the reuse water lines in the Highway 147/Hopson Road interchange. In the interchange area, the lines will be installed in NC Department of Transportation right of way. The County owns reuse water carrier pipe under the NC 147 interchange, installed during the toll road construction project.

The reuse water distribution system extension can serve BASF and the HUB RTP redevelopment project. This extension will also be used for the future expansion of the reuse water system further north into Research Triangle Park.

The extension of the 24-inch or larger sewer line is a replacement of an existing 15-inch and 12-inch sewer line. The existing sewer lines are sufficient to serve the initial phases of the Research Triangle Park redevelopment; however, they will be insufficient to serve subsequent redevelopment projects north of Interstate 40. The 12-inch sewer line, constructed of vitrified clay pipe - subject to root intrusion and groundwater infiltration, shall be removed or abandoned in place. The 15-inch sewer shall be maintained for future parallel use. The larger sewer line extension will be used for the future extension of this main outfall further north into Research Triangle Park to serve future Research Triangle Park development projects.

Concurrent and parallel construction of the reuse water line and the sewer line prior to construction of the HUB RTP improvements is a more cost-effective alternative than installation after the HUB RTP improvements are installed. The construction project will be funded from the Utilities Enterprise Fund restricted unspent System Development Fees and per the approved CIP for the use of these restricted funds.

Durham County issued an Invitation for Bid (IFB 21-010) on September 13, 2020. IFB 21-010 was advertised in local newspapers and on the Durham County website. Additionally, the



requirements were emailed to multiple contractors. Only one bid was received on October 22, 2020. As a result, an additional Invitation for Bid (IFB 21-010R1) was issued on November 2, 2020. Three bids were received on November 12, 2020. The bid tabulation is attached.

A fifteen percent contingency is recommended for the project to cover any unexpected expenses that may arise. None are anticipated at this time.

Policy Impact

There is not policy impact. This action is in accordance with the Durham County Strategic Plan goal of Accountable, Efficient and Visionary Government, as these extensions provide a cost-effective means of expanding the utility system for future growth while minimizing the disruption to existing development.

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 construction costs associated with the HUB RTP Sanitary Sewer and Reclaimed Water Extension Project should not exceed \$6,017,910. The construction project will be funded from the transfer of Utilities Enterprise Fund’s restricted System Development Fee funds and per the approved CIP for the allowable use of these restricted funds.

Recommendation

The County Manager recommends the Board approve Capital Project Amendment No. **21CPAXXXX** transferring and appropriating a total amount of \$6,920,596 (\$6,017,910 from the Sewer Utilities Enterprise Fund’s unspent System Development Fee funds and \$902,686 from unrestricted cash) and to create the HUB RTP Sanitary Sewer and Reclaimed Water Extension Project **SE0XX** in the amount of \$6,920,596. The Board is also requested to award a construction contract to Pipeline Utilities, Inc. for the construction of the HUB RTP Sanitary Sewer and Reclaimed Water Extension Project in the amount of \$6,017,910 and to authorize the County Manager to execute the contract and any related contract amendments not to exceed a total project budget of \$6,920,596.