



COMMISSIONERS COURT
COMMUNICATION

REFERENCE NUMBER _____
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DATE: 03/22/2022

**SUBJECT: APPROVAL OF A PROFESSIONAL SERVICE CONTRACT WITH
BAIRD HAMPTON & BROWN FOR ENGINEERING SERVICES
RELATED TO THE DESIGN OF THE RESOURCE CONNECTION
SEWER INFRASTRUCTURE, FORT WORTH, TEXAS**

COMMISSIONERS COURT ACTION REQUESTED

It is requested the Commissioners Court approve a professional service contract with Baird Hampton & Brown for engineering services related to the design of the Resource Connection Sewer Infrastructure.

BACKGROUND

The existing private sewer system at Resource Connection was constructed at the same time the original campus was built which was in the early 1970's, and consist of 7,800 linear feet of sewer line, which is a gravity flow sewer system and is connected to the City of Fort Worth at two (2) locations. The sewer lines installed are made of vitrified clay pipes which are old and have many short joints that are prone to excessive infiltration/inflow of materials and also to root intrusion. Professional surveying and civil engineering services are requested from Baird Hampton & Brown (BHB) for the design of the replacement of the existing sewer system at Resource Connection.

On May 2, 2017, the Commissioners Court, through Court Order #125086, approved RFQ No. 2017-071 for Architectural/Engineering services for utilization of the selected firms for various Tarrant County projects. Baird Hampton & Brown is included in the firms selected.

On May 1, 2018, the Commissioners Court, through Court Order #127571, approved to exercise the first option for renewal of RFQ 2017-071, same contract terms.

With approval of this professional services contract, Baird Hampton & Brown scope of services will include but is not limited to the following.

- Topographic survey of the entire existing sewer system. A survey of approximate 50' wide strip along the existing sewer lines will be provided. The survey crew will open existing manholes and determine flowline elevations and rim elevations of all existing sewer manholes (unless it is not possible to remove a manhole cover), and also tie all existing improvements, existing visible utility features and open storm drain manholes in the vicinity of the existing sewer lines. Digress will be contacted to locate existing utilities prior to performing the topographic survey and will show all marked utilities on the design plans and profiles. BHB will verify sewer pipe type to determine if Vitrified Clay or Concrete Pipe was installed.

SUBMITTED BY:	Facilities Management	PREPARED BY: APPROVED BY:	Herman Contreras Frank T. Lopez
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- Prepare sewer system reconstruction plans, consisting of Plan and Profiles for all sewer lines 6"-10" in size. Profiles are not anticipated for individual sewer services to the buildings. BHB will identify which portions are to be constructed with open cut construction and which portions are to be constructed with Pipe Bursting technology.
- The design will be in accordance with the Uniform Plumbing Code since this is a private sewer system.
- Submit construction documents to the CFW for review and obtain approval.
- Coordinate with Fort Worth Water Department for the two connections to the existing CFW sewer mains. BHB does not anticipate any work on the existing public mains.
- Prepare details for all construction.
- Prepare contract documents and specifications for the project.
- Coordinate with Tarrant County Facilities Management personnel as the project proceeds forward. BHB is anticipating two or three submittals for coordination and review. This will be the owner's choice for number of interim submittals.
- Construction administration is limited to Shop Drawing Review, responding to RFIs, and six (6) site visits during construction.
- Attend up to twelve (12) biweekly OEC regular progress meetings, issue resolution and progress reports.
- Assist Tarrant County in the receipt of bids, respond to substitution requests during bidding, analysis of bids and recommendations for award of the contract.

The Criminal District Attorney's Office has reviewed this contract as to form.

FISCAL IMPACT

Funding in the amount of \$115,000.00 is available in account CARPA-2022.

This item has been recommended or approved for ARPA/FRP funding.