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February 28, 2022

Mr. Mike Amador and Frank Lopez Tarrant County Facilities Management 100 W. Weatherford St, Rm 350 Fort Worth, Texas 76196 Office: 817-475-9099

RE: PROPOSAL FOR DESIGN FOR
RESOURCE CONNECTION
REPLACE DOMESTIC WATER SYSTEM ISOLATION VALVES
FORT WORTH, TEXAS
BHB PROJECT 2021.010.005

Dear Mike and Frank:

We appreciate the opportunity to offer our proposal to provide the civil engineering services for the design for the replacement of the existing domestic water system isolation valves at the Resource Connection. We understand that there are 38 existing valves, ranging in size from 2" to 12". These valves are on the main distribution system, fire hydrant lead lines and building services.

We assume that the existing valves will be replaced with the same size as the existing and no additional valves will be installed. Although, we may recommend some additional valves if we believe that additional isolation valves are needed and the budget can accommodate additional valves. The replacement of water lines, fire hydrants, existing main water supply and meter are not included in this scope of services.

The existing water system is a private water distribution system and we do not believe that approvals from the City of Fort Worth will be required, since we are not modifying the metering or backflow prevention to the campus. We think that this work will be permitted with a Plumbing Permit and no other permits will be required.

The scope of work included in this proposal includes the following:

- 1. Prepare construction plans using the existing CADD layout plan, which includes the general location of the water mains, fire hydrants, gas mains, sanitary sewers and storm drains as the base plan for this project, we will prepare a Site Plan for the valve replacement project.
- 2. Verify locations of the existing valves and update this layout plan to include the existing isolation valves that to be replaced.
- 3. Prepare details for all construction.
- 4. Prepare Engineers Estimate of Probable Cost.
- 5. Prepare Contract Documents and Specifications for the project.

- 6. Coordinate with Tarrant County Facilities Management personnel as the project proceeds forward. We are anticipating one or two submittals for coordination and review. This will be your choice for number of interim submittals.
- 7. Construction administration is limited to Shop Drawing Review, responding to RFIs, and two site visits during construction.
- 8. Attend up to 4 biweekly OEC regular progress meetings, issue resolution and progress reports.
- 9. 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 following is not included in this scope of work:

- 1. Surveying.
- 2. Design of any public improvements (not anticipated).
- 3. Design of any other utility improvements.
- 4. Subsurface Utility Engineering (SUE) for the existing underground utilities.
- 5. Geotechnical investigation (not anticipated to be needed).
- 6. Payment of any fees required by regulatory agencies.
- 7. Construction staking for construction. We assume that this will be the responsibility of the Contractor.
- 8. Submittal for Permits to the City of Fort Worth. We assume that a Plumbing Permit will be required and this will be the responsibility of the Contractor.

In consideration for the scope described above we propose the following fees:

Site Investigation/Verification	\$ 2,500.
Civil Engineering Design	\$24,000
Bidding Period Services	\$ 1,500.
Construction Administration Services	\$ 4,000
Reimbursable Expenses	\$ 2,000.
Total	\$ 34,000.

Bill Band

Thank you for the opportunity to work with you on this project and we appreciate the opportunity to serve Tarrant County.

Sincerely,

Baird, Hampton & Brown

John W. Baird, Jr., P.E.