

MEMORANDUM

TO: Claire Powell, City Manager

FROM: David Salmon, P.E., City Engineer

DATE: December 19, 2022

SUBJECT: Approval of a Bid Award for Timber Creek Utility Crossings Phase 2 Project to Belt Construction of Texas, LLC, in the Amount of \$4,820,538.71; and Authorization for the City Manager or Her Designee to Execute the Contract.

BACKGROUND

Bids were received on September 29, 2022, for construction of the Timber Creek Utility Crossings Phase 2 Project. The scope of work for the project consists of replacing eight (8) existing sanitary sewer crossings over Timber Creek. The project includes the following crossings:

- **Sanitary sewer line #1:** removal of a 10-inch sewer line encased in a 30-inch ductile iron pipe, spanning approximately 33 linear feet over Timber Creek near the southwest corner of Bellaire Blvd. and Old Orchard Lane. Crossing to be replaced with a new 12-inch pipe and steel encasement in same general location.
- **Sanitary Sewer Line #3:** removal of a 12-inch sewer line spanning approximately 140 linear feet across Timber Creek between Old Orchard Lane and Valley Parkway near the western end of Whispering Circle. Crossing to be replaced with a new 12-inch pipe and steel encasement in the same general location
- **Sanitary Sewer Line #5:** removal an 8-inch sewer line spanning approximately 65 linear feet across Timber Creek near Dallas Lane, west of Edmonds Lane in Central Park. Crossing to be replaced with a new 12-inch pipe and steel encasement in the same general location.
- **Sanitary Sewer Line #7 and 7R:** removal of an 8-inch sewer line spanning approximately 80 linear feet across Timber Creek near the 500 block of Continental Drive. Crossing to be replaced with approximately 1050 linear feet new 12-inch sewer line installed along the north side of Continental Drive and will connect to **Sanitary Sewer #9** near the 200 block of Continental Drive.
- **Sanitary Sewer Line #8:** removal of a 30-inch sewer line spanning approximately 90 linear feet across Fox Creek (a tributary of Timber Creek) between Edmonds Lane and Business SH 121. Crossing to be replaced with a new 30-inch pipe and steel encasement in same general location.
- **Sanitary Sewer line #9:** removal of a 10-inch sewer line spanning approximately 110 linear feet across Timber Creek near the 200 block of Continental Drive between Edmonds Lane and Business SH 121. Crossing to be replaced with a new 12-inch pipe and steel encasement in the same general location.

- **Sanitary Sewer Line #12:** removal of a 21-inch sanitary sewer line with concrete encasement spanning approximately 100 linear feet across Timber Creek north of Uecker Lane between Corporate Drive and IH-35E. Crossing to be replaced with new 21-inch pipe and steel encasement in the same general location.
- **Sanitary Sewer line #20:** removal of a 21-inch sanitary sewer line spanning approximately 52 linear feet across Fox Creek south of Bellaire Blvd and west of Belmont Court. Crossing to be replaced with a new 21-inch pipe connecting to the existing MH in the northern lane of Bellaire Blvd, west of Southwest Parkway, running south along the greenbelt near Fox Creek, connecting to a new manhole near Cody Lane.

This project is the second phase of construction for the Timber Creek Aerial Utility Crossings project. Phase 1 of this project consisted of the most critical utility crossings and was completed in 2020.

ANALYSIS

This item should be presented to the City Council on December 19th, 2022 with a recommendation to award the construction contract to Belt Construction of Texas, LLC, which has offices in Carrollton, Texas, in the amount of \$4,820,538.71 including \$229,549.46 for contingencies. The design consultant's estimate for the project improvements was \$4,760,000. Staff has verified Belt Construction's references and they have successfully completed similar projects for other similar sized municipalities in other locations. Belt Construction's Project managers completed the Timber Creek Utility Crossing Phase 1 sewer rehabilitation project for the City of Lewisville in 2020 which was completed on time and within budget with no workmanship problems.

Funding is available in the Timber Creek Aerial Utility Crossings (U1001) capital project accounts. The contract time is 270 calendar days and liquidated damages are \$1000 per day. The anticipated start date for construction is January 3, 2023.

RECOMMENDATION

Staff recommends that the City Council approve the award and authorize the City Manager or her designee to execute the agreement as set forth in the caption above.