



CITY COUNCIL MEMORANDUM

From: The Office of the City Manager **Date:** February 26, 2018

Subject: Consider award of Bid No. 18-005 to Quality Excavation, Ltd. for construction of the Smithfield Road Project (Davis Blvd. to Mid-Cities Blvd, ST1304) in the amount of \$2,462,236.40, authorize the City Manager to execute the agreement and approve associated budget transfers.

Presenter: Caroline Waggoner, City Engineer

Summary:

The City Council is being asked to recommend an award of a construction contract to Quality Excavation Ltd. for the CIP Project identified as the "Smithfield Road Project (Davis Blvd. to Mid-Cities Blvd)" (ST1304) in the Capital Projects Budget and approve the associated budget transfer.

General Description:

On December 12, 2017, a bid opening was conducted for Project ST1304, the Smithfield Road Project (the "Project"). This project consists of the reconstruction and realignment of Smithfield Road between Davis Boulevard and Mid-Cities Boulevard. The existing asphalt roadway will be replaced with new concrete pavement. The two signalized intersections within the project limits will be upgraded to current standards and include additional turn lanes to increase capacity. The roadway section south of Mid-Cities will be widened from two lanes to four lanes, and include a connection to the existing signal at Bridge Street. The former "Y" intersection of Smithfield and Davis will be permanently closed.

Notice of the city's intent to bid was advertised in local newspapers as required by state statute, and posted on the city's website. Bid specifications were viewed on the city's website by multiple entities.

The project received six bids, which were opened during the December 12 bid opening. The project was set up as a standard base bid plus five additive alternates. Descriptions of the five alternates and the bids are provided below:

- A. Extension of a sanitary sewer line in Smithfield Road south of Mid-Cities to provide service to the undeveloped tracts between Smithfield and Davis.
- B. Installation of a 16" water line north of Mid-Cities. This upsizing is identified in the city's Water Master Plan and is Impact Fee eligible.



- C. Reconstruction on an existing 6” with a new 8” water line south of Mid-Cities under the proposed Smithfield pavement. The existing line is cast iron and has experienced a number of main breaks in recent years.
- D. Decorative street light conduit and bases in keeping with the Transit Oriented Development streetscape standards.
- E. Irrigation and street trees along the roadway in keeping with the Transit Oriented Development streetscape standards.

	Quality Excavation, LTD.	McMahon Contracting, L.P.	FNH Construction
Base Bid	\$2,060,386.40	\$2,230,124.84	\$2,231,274.25
Alternate A	\$56,976.00	\$62,161.97	\$66,816.50
Alternate B	\$97,175.80	\$171,246.10	\$207,361.50
Alternate C	\$57,603.20	\$93,178.26	\$78,248.00
Alternate D	\$92,811.00	\$80,964.00	\$110,750.00
Alternate E	\$97,284.00	\$131,546.40	\$149,400.00
Total Project	\$2,462,236.40	\$2,769,221.57	\$2,843,850.25

	McClendon Construction Co.	Pavecon Public Works	TexGlobal Contractors, Inc.
Base Bid	\$2,361,729.00	\$2,482,985.57	\$3,011,757.66
Alternate A	\$102,208.50	\$81,821.20	\$58,324.95
Alternate B	\$176,795.00	\$140,161.50	\$157,679.92
Alternate C	\$106,588.00	\$79,654.40	\$89,500.92
Alternate D	\$70,770.00	\$89,144.00	\$89,528.00
Alternate E	\$150,168.00	\$124,300.00	\$118,240.00
Total Project	\$2,968,258.50	\$2,998,066.67	\$3,525,031.45

Although North Richland Hills has not directly hired Quality Excavation in the past, they successfully completed the Boulevard 26 Governor’s Community Achievement Award Project for TxDOT in 2013 within the city limits. That project included the median improvements along Boulevard 26 immediately south of Loop 820. In addition, we have checked their references with local governmental entities such as Denton County, Southlake, The Colony, Rowlett and the Town of Copper Canyon, all of whom have awarded similar projects to this contractor and have positive experiences to share.

When the project was established in 2013, it was believed that the budget was sufficient to cover the full project. However, due to increased cost of right-of-way acquisition and rising construction prices the bids came in over initial estimates. Funding in the amount



of \$1,143,640.00 for Smithfield Rd (Davis to Mid Cities) (ST1304) is being recommended by staff to come from project savings in the following projects:

Smithfield / Davis (ST1203)	\$ 33,640.00
Rufe Snow / Glenview (ST1201)	\$ 500,000.00
Rufe Snow (Karen to Loop 820) (ST0102)	\$ 60,000.00
Sewer System Rehab (UT1307)	\$ 110,000.00
Harmonson Sewer (CDBG17)	\$ 170,000.00
Walker Branch Gabions (DR1701)	\$ 170,000.00
Meadow Lakes & Rufe Snow (PW1602)	\$ 100,000.00
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Total Project Savings	\$1,143,640.00
Available Smithfield Project Funds (ST1304)	\$1,392,826.00
<u>Transfer of Project Savings</u>	<u>\$1,143,640.00</u>
Total Funding	\$2,536,466.00
Bid Amount:	\$2,462,236.40

The total amount proposed for transfer exceeds the bid award amount by \$74,229.60. This amount will be used towards the purchase of the street lights themselves from Oncor. This purchase was not included in the project bid to avoid the addition of any overhead charges to the lights as the city can purchase them directly from Oncor.

Construction is anticipated to begin in April and take 315 calendar days (approximately 10 months) to complete. The contract includes language which requires mid-project milestones to be met, and therefore provides more options for the city to ensure the project stays on track and is completed timely.

Recommendation:

Award of Project RFB No. 18-005 to Quality Excavation, Inc. in the amount of \$2,462,236.40 for the construction of the Smithfield Road Project (ST1304) and approve a revision to the FY 17-18 Capital Projects Budget in the amount of \$1,143,640.