



City of Benbrook

CITY COUNCIL COMMUNICATION

DATE: 10/17/19	REFERENCE NUMBER: C-329	SUBJECT: Award Construction Contract to Ragle, Inc. for the Clear Fork Emergency Access Bridge Project and Approve the Overall Construction Budget	PAGE: 1 of 3
-------------------	----------------------------	---	-----------------

BACKGROUND

On December 7, 2017, City Council approved a one-lane, gated emergency access bridge over the Clear Fork Trinity River to improve emergency response times to Northeast Benbrook. The City Council directed Staff to: 1) initiate full engineering design of the emergency access bridge that precludes any public access, 2) negotiate an Interlocal Agreement (ILA) with the City of Fort Worth, and 3) secure an Access Permit with the Texas Department of Transportation (TXDOT).



On April 5, 2018, City Council approved the ILA. The City of Fort Worth approved the ILA on May 16, 2018. The ILA stipulates the City of Fort Worth will obtain an Access Permit from TXDOT and the City of Benbrook will obtain from Fort Worth a license to construct, utilize and maintain the one-lane, gated emergency access bridge for public safety response only.

ENGINEERING

The full design of the Clear Fork Emergency Access Bridge began in May 2018. The project includes construction of an “emergency access only” bridge structure across the Clear Fork River between the I-20 Service Road and Bellaire Drive. Public access to the bridge is 100% restricted and will be controlled via automatic gates and fencing. The bridge will be located within Texas Department of Transportation’s (TXDOT) right-of-way and wholly within Benbrook’s city limits.

The design approval process was very complicated because it had to be approved by the City of Benbrook, City of Fort Worth and the Texas Department of Transportation (TXDOT). The City of Fort Worth reviewed and approved the design based on the above-mentioned ILA. TXDOT had to approve the design because the project is located wholly within their right-of-way.

SUBMITTED BY:	DISPOSITION BY COUNCIL: <input type="checkbox"/> APPROVED <input type="checkbox"/> OTHER (DESCRIBE)	PROCESSED BY:
		CITY SECRETARY
CITY MANAGER		DATE:

DATE: 10/17/19	REFERENCE NUMBER: C-329	SUBJECT: Award Construction Contract to Ragle, Inc. for the Clear Fork Emergency Access Bridge Project and Approve the Overall Construction Budget	PAGE: 2 of 3
-----------------------	--------------------------------	---	---------------------

BIDS RECEIVED

Bids were received and opened on August 28, 2019, with the following results:

	Bidder	Bid (\$)
1	Ragle, Inc.	1,972,480.00
2	McMahon Contracting, LP	2,160,715.78
3	SEMA Construction	2,212,239.00
4	Ed Bell Construction	2,419,174.00
5	Rebcon, Inc.	2,434,670.00

Ragle, Inc. submitted the low bid of \$1,972,480, which is more than the \$1.6 million original estimate provided by Freese and Nichols at the beginning of the project. Originally, the TXDOT review was for a simple drive access permit and not a full-blown bridge project, limiting TXDOT’s involvement. However, as the design review proceeded, TXDOT required the project to be modified to include:

- Third-party construction inspections.
- Soil anchors for the Articulated Concrete Block riprap.
- Additional 24-inch storm drain lateral from Bellaire Drive that includes 24-inch reinforced concrete pipe, a 48-inch manhole and headwall.
- Adhering to TXDOT’s submittal process during construction including lab results, material testing, etc.

TOTAL CONSTRUCTION COSTS

The overall construction budget includes bridge construction, materials testing to verify construction materials meet specifications, Opticon emitters for all fire and police vehicles to automatically open the gates and construction inspection services to meet TXDOT’s inspection requirements.

The overall construction budget is broken down as follows:

Description	Budget (\$)
Construction	1,972,480
Materials Testing	20,000
Opticon Emitters for Vehicles	75,800
Construction Inspection	78,750
Total Construction Budget	2,147,030

During the review of all bids, the City confirmed Ragle, Inc. had successfully completed other similarly scoped construction projects. All references stated they were pleased with their performance.

DATE: 10/17/19	REFERENCE NUMBER: C-329	SUBJECT: Award Construction Contract to Ragle, Inc. for the Clear Fork Emergency Access Bridge Project and Approve the Overall Construction Budget	PAGE: 3 of 3
-----------------------	--------------------------------	---	---------------------

FINANCING

The General Fund and Stormwater Utility Fund will be used to finance the project and is broken down as follows:

- General Fund \$1,704,709
 - Stormwater Utility Fund \$ 442,231
-
- Total Construction Budget \$2,147,030

RECOMMENDATION

Staff recommends that City Council approve the construction contract with Ragle, Inc. for the Clear Fork Emergency Access Bridge for \$1,972,480 and approve the total construction budget of \$2,147,030.00.