

Mayor and Council Communication

DATE: 02/08/22

M&C FILE NUMBER: M&C 22-0099

LOG NAME: 20CROMWELL ENG AMENDMT 3

SUBJECT

(CD 7) Authorize Execution of Amendment Number 3 in the Amount of \$311,248.00 to an Engineering Services Agreement with Burns & McDonnell, Inc. for the Cromwell Marine Creek Roadway Widening from Boat Club Road to Marine Creek Parkway Project for a Revised Contract Amount of \$3,002,202.41 (2018 Bond Program)

RECOMMENDATION:

It is recommended that the City Council authorize execution of Amendment Number 3 in an amount of \$311,248.00 to an engineering services agreement for City Secretary Contract Number 49556 with Burns & McDonnell, Inc., for the Cromwell Marine Creek Roadway widening from Boat Club Road to Marine Creek Parkway project for a revised contract amount of \$3,002,202.41 (City Project No. 101012).

DISCUSSION:

The 2018 Bond Program allocated funds for the roadway widening of Cromwell Marine Creek Road from Boat Club Road to Marine Creek Parkway. The original scope of work was revised by Mayor and Council Communication (M&C) 20-0361 to eliminate the roundabouts at the intersections of Bowman Roberts and Huffines Boulevard, and rehabilitate the pavement between Boat Club Road and Marine Creek Parkway. The additional funding being requested is needed to complete the design of the revised scope of work to widen Cromwell Marine Creek Road to a four-lane divided neighborhood connector.

The purpose of this M&C is to authorize execution of Amendment No. 3 that provides compensation in the amount of \$311,248.00 to Burns & McDonnell, Inc for the following services:

- Burns & McDonnell, Inc. was asked to evaluate and submit a Fast Path Analysis of the existing roundabout at Cromwell Marine Creek and Marine Creek Parkway. The study indicated that the roundabout will have to be modified as part of the widening improvements in order to reduce the speed of vehicles entering the roundabout. Design plans for the modification of the roundabout were added to the scope of work.
- Burns & McDonnell, Inc. was asked by Transportation Management to provide a warrant study for a traffic signal light at Cromwell Marine Creek and Crystal Lake Drive. Parkview Elementary School and the Fort Worth Northwest Public Library are located at this intersection. The study does warrant a traffic signal at the intersection due to the proximity of the school and library. Design of a traffic signal and intersection improvements were added to the scope of work.
- As part of the roadway widening of Cromwell Marine Creek, a new bridge will be designed and constructed over Marine Creek. Additional compensation is being added for the retaining wall design of the proposed bridge.
- The scope changes for this project added the right-of-way acquisition for the extended limits of the roadway widening. During the design phase, Burns & McDonnell, Inc. encountered a natural gas pipeline, water main, sewer main and other utilities along the corridor. The 22 Level A test holes will identify the depths of this infrastructure and determine if lowering or relocation are going to be required.
- The method of the construction of this roadway widening will be under a Construction Manager at Risk (CMAR). Staff has asked Burns & McDonnell to prepare the necessary documentation to request proposals, CMAR Pre-Construction Services, modify traffic control plans and update plans per CMAR recommendations, prepare final plans, specifications and quantities.

The following table summarizes previous contract action and amendments:

M&C	Amount	Justification	Number	Date
Initial Contract CSN 49556	\$400,000.00	Execution of original contract for the design of the project improvements as part of the 2018 Jump Start Program	C-28288	June 20, 2017
Amendment No. 1 CSN 49556-A1	\$1,500,000.00	Amendment to incorporate the cost for design of 2 roundabouts and pavement rehabilitation of the corridor	C-28764	June 26, 2018
Amendment No. 2	\$790,954.41	Amendment to incorporate additional	20-0361	June 2,

CSN 49556-A2		funding needed to revise the scope of the project to a 4-lane divided neighborhood connector		2020
Amendment No. 3	\$311,248.00	See above		
Contract Total	\$3,002,202.41			

The funding for the project is summarized in the table below:

Fund	Existing Funding	Additional Funding	Project Total
34018 - 2018 Bond Program Fund	\$8,860,000.00	\$0.00	\$8,860,000.00
30108 - Transportation Impact Fee Capital Fund	\$2,730,000.00	\$0.00	\$2,730,000.00
39008 - Transportation Impact Fee Capital Legacy Fund	\$270,000.00	\$0.00	\$270,000.00
34017 - Tax Note 2017 Fund	\$500,000.00	\$0.00	\$500,000.00
Project Total	\$12,360,000.00	\$0.00	\$12,360,000.00

This project is included in the 2018 Bond Program. Available resources within the General Fund will be used to provide interim financing until debt is issued. Once debt associated with the project is sold, bond proceeds will reimburse the General Fund in accordance with the statement expressing official Intent to Reimburse that was adopted as part of the ordinance canvassing the bond election (Ordinance No. 23209-05-2018) and subsequent actions taken by the Mayor and Council.

M/WBE – Burns and McDonnell Engineering Company, Inc. is in compliance with the City’s Business Equity Ordinance by committing to 18.70% Business Equity participation on this project. The City’s Business Equity goal on this project is 18.00%.

The project is located in COUNCIL DISTRICT 7.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as previously appropriated in the 2018 Bond Program Fund for the Cromwell - Marine Creek project to support the approval of the above recommendation and execution of the contract amendment. Prior to any expenditure being incurred, the Transportation and Public Works Department has the responsibility to validate the availability of funds.

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