



CITY OF GRAND PRAIRIE COMMUNICATION

MEETING DATE: 12/17/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Contract amendment #02 with Halff Associates, Inc for additional engineering services for the Tarrant Road at Arbor Creek project in the amount of \$87,400.00

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 11/19/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Total Cost</u>
Halff Associates, Inc.	\$87,400.00

PURPOSE OF REQUEST:

The scope of the Tarrant Road at the Arbor Creek project is to elevate the roadway at Arbor Creek to provide capacity to convey the 100-year flood event. The existing reinforced concrete box (RCB) culverts do not provide the needed capacity to convey the 100-year flood event and the elevation of the existing roadway is below the base flood elevation (BFE) of Arbor Creek. This area is in the FEMA Special Flood Hazard Area (SFHA) and overtops during heavy storm events. The repetitive overtopping has created erosion along the banks and has undermined sections of sidewalk on the north side.

A contract was awarded to Halff Associates for this project on May 3, 2022 for \$228,368.00, providing for the design, bid and construction of a multiple concrete box culvert crossing of Tarrant Road over Arbor Creek.

Due to design constraints such as the existing developments adjoining the creek and the proximity of the Oncor sub-station and the need to minimize the upstream impacts to upstream properties, contract amendment #01 was approved for \$293,626 on 04/23/2023 to redesign the project to provide a hundred-and fifty-foot-long bridge structure instead of the box culvert expansion design.

This contract amendment extends the contract term expiration date from December 21, 2024, to December 31, 2025. In addition, the amendment provides for additional engineering services related to the project; specifically, detailed coordination and designs to accommodate TRA (Trinity River Authority) requests, Oncor utility clearances, and additional work preparing alternate detour plan exhibits and memorandum for the traffic detouring and construction phasing.

EXPENDITURE HISTORY (2 to 3 yrs info):

	<u>Amount</u>	<u>Approval Date</u>	<u>Reason</u>
<i>Original Contract:</i>	\$228,368.00	5/3/2022	Initial Contract
<i>Change Order #1</i>	\$279,644.00	4/18/2023	Added engineering and geotechnical services apart of design revisions
<i>Change Order #02</i>	\$87,400.00	12/17/2024	Added redesign of water line, design of TRA line and detailed specifications and added work on detour plan preparation to accommodate the city.
<u>TOTAL:</u>	\$595,412.00		

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name: Stormwater CIP Fund, Street CIP Fund	Account Unit or Activity – Line: 401592 – 02213703, 400192 - 02215103
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If Capital Improvement:					
Total Project Budget	\$87,400.00	Proposed New Funding:	\$0.00	Remaining Funding:	\$8,590,917.33

ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Vendor Proposal