



AGENDA MEMORANDUM

Action Item for the City Council Meeting of April 26, 2022

DATE: April 18, 2022

TO: Peter Zaroni, City Manager

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<p style="text-align: center;">Professional Services Contract SH 286 Water Line Relocation</p>
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CAPTION:

Motion authorizing a professional services contract with Urban Engineering, Corpus Christ, TX, to provide design, bid, and construction phase services for SH 286 Water Line Relocation in an amount not to exceed \$447,643.00, located outside City limits, with FY 2022 funding available from Water Capital Fund.

SUMMARY:

This motion authorizes approval to a professional services contract for design, bid, and construction phase services for the SH 286 Water Line Replacement project.

BACKGROUND AND PURPOSE:

The SH 286 Water Line Relocation requires the relocation of the existing water line between FM43 (Weber Rd) and FM2444 (Staples St.) to meet the construction needs of TxDOT's SH 286 extension. This project is in coordination with TxDOT widening of the street. This relocation will consist of 2.5 miles of 2.5-inch and 3-inch water line with a new 16-inch transmission main and an additional 1.83 miles of 16-inch water transmission main along FM 43 and FM2444.

Urban Engineering will prepare a preliminary engineering report and then plans and specifications for design, bidding, and construction phase for the proposed water line improvements.

PROJECT TIMELINE:

2022 - 2023	2023			2023 - 2024
April - July	A	S	O	November - July
Design	Bid/Award			Construction

Projected schedule reflects City Council award of design services in April 2022 with anticipated construction completion in July 2024.

COMPETITIVE SOLICITATION PROCESS:

Urban Engineering was selected in April 2020 under RFQ 2667 for SH 286 Water Line Replacement project, which was one of three projects announced under the Water CIP Projects category of the RFQ. Five firms submitted for the SH 286 Water Line Replacement project.

The selection committee was comprised of representatives from the Water Utilities Department and Engineering Services Department. The final evaluation ranked Urban Engineering as the highest ranked firm based on five factors: 1) firm’s experience and qualifications, 2) experience and qualifications of the project manager and key staff, 3) project approach and management plan, 4) capacity to meet the project requirements and timelines, and 5) past performance.

Urban Engineering has over 55 years of experience in water and wastewater planning, preliminary, and detailed design services. Urban Engineering have provided professional services for several City projects. Some of the projects are Greenwood WWTP Headworks & Grit Removal Rehabilitation, Water IDIQ, Packery Channel Water Line Crossing, and Allison WWTP Lift Station & Plant Improvements.

ALTERNATIVES:

Not awarding the contract for professional services to Urban Engineering will delay necessary improvements to SH 286 Waterline Replacement project and will delay TxDOT’s SH 286 extension project.

FISCAL IMPACT:

The fiscal impact FY 2022 is an amount of \$447,643.00 with funding available through the Water Capital Fund.

FUNDING DETAIL:

Fund: Water 2022 CIP (Fund 4484)
 Mission Elem: LINDistrWtr (041)
 Project: SH 286 Waterline Replacement (Project No. 20101)
 Account: Outside Consultants (550950)

Activity: 20101-4484-EXP
Amount: \$447,643.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Urban Engineering in the amount of \$447,643.00 for SH 286 Water Line Relocation project. The design phase will begin in April 2022 with design completion planned in July 2023. Construction is anticipated to begin in November 2023 with anticipated completion in July of 2024.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
CIP Page
Contract
Presentation