



AGENDA MEMORANDUM

Action Item for the City Council Meeting of May 9, 2023

DATE: May 9, 2023

TO: Peter Zanoni, City Manager

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<p style="text-align: center;"><u>Professional Services Contract</u> Flour Bluff 18-Inch Line Extension</p>

CAPTION:

Motion authorizing a professional services contract with Urban Engineering, Corpus Christi, TX, to provide design, bid, and construction phase services for Flour Bluff 18-Inch Line Extension in an amount not to exceed \$491,707.00, located in Council District 4, with FY 2023 funding available from Water Capital Fund.

SUMMARY:

This motion authorizes approval of a professional services contract for design, bid, and construction phase services for the Flour Bluff 18-Inch Line Extension project.

BACKGROUND AND PURPOSE:

The Flour Bluff 18-Inch Line Extension project will connect an existing 24-inch water transmission main at the intersection of Division Street and Flour Bluff Drive to an existing 18-inch transmission main on Laguna Shores. The project will construct approximately 12,880 linear feet of 18-inch PVC water main. The proposed water main extension will provide adequate redundancy for continued water service in the event of any parallel system failure to North Padre Island.

The professional services agreement provides services for design, bid, and construction phase services. Alternate alignments will be evaluated during the preliminary phase of the project.

PROJECT TIMELINE:

2023 - 2024	2024			2024 - 2025
May - February	M	A	M	June - January
Design	Bid/Award			Construction

Projected schedule reflects City Council award in May 2023, with anticipated construction completion by January 2025.

COMPETITIVE SOLICITATION PROCESS:

Urban Engineering was selected in June 2022 under RFQ 3977 for Flour Bluff 18-inch Line Extension projects, which was one of the eight projects announced under the Water CIP Projects category of the RFQ. The final evaluation ranked Urban Engineering as the highest ranked firm based on eight factors: 1) experience on projects of similar scope and complexity, 2) demonstrated capability & capacity on comparable projects, 3) past performance, 4) team members with experience and qualifications, 5) team members experience with work of similar scope and complexity, 6) availability of resources to accomplish the work, 7) demonstrated understanding of scope of services, 8) demonstrated understanding and experience with similar services with a public agency.

Urban Engineering has over 55 years of experience in water and wastewater planning, preliminary, and detailed design services. Urban Engineering has 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:

City Council could choose not to award the contract for professional services to Urban Engineering but this would delay necessary improvements to the Flour Bluff 18-Inch Line Extension project and will delay the redundancy and flows needed.

FISCAL IMPACT:

The fiscal impact FY 2023 is an amount not to exceed \$491,707.00 with funding available through the Water Capital Fund. This project does not have any prior year design expenditures. This project was initially planned for last but was delayed.

FUNDING DETAIL:

Fund: Water 2023 CIP (Fund 4486)
Department: Water (45)
Organization: Grants & Capital Projects Funds (89)
Project: Flour Bluff 18-Inch Line Extension (Project No. 22144)
Account: Outside Consultants (550950)
Activity: 22144-4486-EXP
Amount: \$491,707.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Urban Engineering in the amount not to exceed \$491,707.00 for Flour Bluff 18-Inch Line Extension project. The design phase will begin in May 2023 with design completion planned by February 2024. Construction is anticipated to begin in June 2024 with anticipated completion by January 2025.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
CIP Page
Contract
Presentation