



AGENDA MEMORANDUM

Action Item for the City Council Meeting of June 28, 2022

DATE: June 28, 2022

TO: Peter Zaroni, City Manager

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<p style="text-align: center;"><u>Professional Services Contract</u> Leopard Street and Up River Road Waterline Replacement</p>

CAPTION:

Motion authorizing a professional services contract with Urban Engineering, Corpus Christi, Texas, to provide design, bid, and construction phase services for the rehabilitation of the water line for the Leopard Street and Up River Road Water Replacement project in an amount not to exceed \$827,865.00, located in Council District 1, with FY 2022 funding available from the Water Capital Fund.

SUMMARY:

This motion authorizes approval of a professional services contract to provide design, bid, and construction phase services for the Leopard Street and Up River Road Waterline Replacement project.

BACKGROUND AND PURPOSE:

The 30-inch cast iron water line along Leopard Street from Sharpsburg Rd. to McKinzie Dr. was installed in 1937. The waterline has several leaks and is in continuous need of repairs. Segments of pipe have been tuberculated causing a reduction in pipe diameter.

The Leopard Street and Up River Road Waterline Replacement project consists of the rehabilitation of approximately 18,400 feet of 30-inch cast iron pipe water line with a new 24-inch C900 PVC pipe along Leopard Street, Up River Road, and McKinzie Drive. In addition to the water line replacement on Leopard Street, this project will also assess a route for a new 24-inch waterline along McKinzie Road from Leopard St. to Up River Road. This line will connect the line on Leopard to an existing 24-inch waterline on Up River Road.

The professional services agreement provides services for design, bid, and construction phase services for the rehabilitation of the water line in order to provide more reliable service to both residential and commercial properties.

PROJECT TIMELINE:

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

Projected schedule reflects City Council award in June 2022 with anticipated construction completion in September 2024.

COMPETITIVE SOLICITATION PROCESS:

Urban Engineering was selected in July 2021 under RFQ No. 3609- Professional Engineering Services for Water & Wastewater CIP 2021. The RFQ consisted of three projects: Broadway Wastewater Treatment Plant Third Clarifier, Leopard Street & Up River Road Waterline Replacement, and the Water Transmission Infrastructure Cathodic Protection Improvements.

Twelve firms submitted under the Water and Wastewater CIP RFQ. The top three firms were awarded one project each depending on the qualification and experience. The selection committee was comprised of representatives from the Utilities Department and Engineering Services. The final evaluation ranked Urban Engineering as the highest ranked firm based on three factors: 1) firm’s experience, 2) team’s experience, and 3) understanding of the project scope.

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 the Packery Channel Waterline Replacement, Water IDIQ, Allision WWTP Lift Station & Plant Improvements, and Greenwood WWTP Headworks & Grit Removal Rehabilitation.

ALTERNATIVES:

Not awarding the contract for professional services to Urban Engineering will delay necessary improvements to Leopard Street and Up River Road Waterline Replacement project, causing more costly maintenance and repairs.

FISCAL IMPACT:

The fiscal impact for FY 2022 is an amount of \$827,865.00 with funding available from the Water Capital Fund. There are no prior year expenses encumbered on this project. Funding for the project is available for design expenditures and construction expenditures.

FUNDING DETAIL:

Fund: Water 2022 CIP (Fund 4484)
Mission Elem: Water Maintenance of Lines (041)
Project: Leopard Street and Up River Road Waterline Replacement (Project No. 21038)
Account: Outside Consultants (550950)
Activity: 21038-4484-EXP
Amount: \$827,865.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Urban Engineering in the amount of \$827,865.00 for Leopard Street and Up River Road Waterline Replacement project. The design phase will begin in June 2022 with design completion planned in July 2023. Construction is planned to start in November 2023 with completion in September of 2024.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
CIP Page
Contract
Presentation