



AGENDA MEMORANDUM

Action Item for the City Council Meeting of February 13, 2024

DATE: February 13, 2024

TO: Peter Zaroni, City Manager

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<p style="text-align: center;">Professional Services Contract Waldron Lift Station Force Main Replacement</p>

CAPTION:

Motion authorizing a professional services contract with Plummer Associates, Inc., Corpus Christi, Texas, to provide design, bid, and construction phase services for the Waldron Lift Station Force Main Replacement in an amount not to exceed \$428,585.00, located in Council District 4, with FY 2024 funding available from the Wastewater Capital Fund.

SUMMARY:

This motion authorizes approval of a professional services contract for design, bid, and construction phase services for the Waldron Lift Station Force Main replacement project.

BACKGROUND AND PURPOSE:

The Waldron Lift Station Force Main runs from the Waldron Road Lift Station to the Laguna Shores Force Main at Laguna Shores Road near the intersection of Graham Road. The existing force main is a 14" ductile iron pipe which was installed in 1982. It conveys wastewater flow from the Waldron Road and Flour Bluff Lift Stations and serves more than 1/3 of Flour Bluff. In recent years, multiple force main failures have occurred and resulted in sanitary sewer overflows (SSOs). A field assessment conducted by Corpus Christi Water (CCW) staff determined the force main was in poor condition and should be replaced, consistent with Consent Decree guidelines.

The project scope includes engineering analysis on alternative force main routes, geotechnical investigation, easement services, engineering design, construction bid, and construction services to replace approximately 3,000 linear feet of 14” deteriorated force main.

Plummer Associates, Inc., the Design Engineer, also provides engineering design services for the Citywide Lift Station Repair projects including the Waldron Road Lift Station. The implementation of this project complies with the City’s Consent Decree program.

PROJECT TIMELINE:

2024 - 2025	2025			2025 - 2026
February - February	M	A	M	July - July
Design	Bid/Award			Construction

The projected schedule reflects City Council award in February, with anticipated construction completion by July 2026.

COMPETITIVE SOLICITATION PROCESS:

Plummer Associates, Inc. was selected in March 2023 under RFQ 4413 for Waldron Lift Station Force Main Replacement projects, which was one of three projects announced under the Wastewater CIP Projects category of the RFQ. The final evaluation ranked Plummer Associates, Inc. as one of the highest ranked firms 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.

Plummer Associates, Inc. has over 44 years of experience in water and wastewater utility projects with municipalities. Plummer Associates, Inc. have provided professional services for several City projects. Some of the projects are Citywide Lift Station Repairs, new Broadway WWTP Rehabilitation, and ON Stevens Water Treatment Plant Filter Rehab.

ALTERNATIVES:

Not awarding the contract for professional services to Plummer Associates, Inc. will delay necessary improvements to Waldron Lift Station Force Main Replacement project create more costly maintenance in the future and may affect the ability to meet the operation and regulatory requirements.

FISCAL IMPACT:

The fiscal impact for FY 2024 is an amount not to exceed \$428,585.00 with funding available through the Wastewater Capital Fund. The shortfall in funding of \$28,585.00 will be transferred from the Engineering Administration Reimbursements.

FUNDING DETAIL:

Fund: **WWWCP RR 032950 2023 (Fund 4260)**
Department: Wastewater (46)
Organization: Grants & Capital Projects Funds (89)
Project: Waldron Lift Station Force Main Replacement (Project No. 23038)
Account: Outside Consultants (550950)
Activity: 23038
Amount: \$428,585.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Plummer Associates, Inc., in the amount not to exceed \$428,585.00 for Waldron Lift Station Force Main Replacement project. The design phase will begin in February 2024 with design completion planned by February 2025. Construction is anticipated to begin in July 2025 with anticipated completion in July 2026.

LIST OF SUPPORTING DOCUMENTS:

Evaluation Matrix
Location & Vicinity
Proposal
Maps
CIP Page
Contract
Presentation