



AGENDA MEMORANDUM

Action Item for the City Council Meeting of July 22, 2025

DATE: July 22, 2025

TO: Peter Zaroni, City Manager

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<u>Professional Services Contract</u> Twin 36-inch & McBride Wastewater Lines Rehabilitation

CAPTION:

Motion authorizing a professional services contract with J. Schwarz & Associates of Odem, Texas to provide design, bid, and construction phase services for the Twin 36-inch & McBride Wastewater Lines to the Oso Wastewater Reclamation Plant Rehabilitation Project in an amount up to \$604,650.00, located in Council Districts 1 and 4, with FY 2025 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 Twin 36-inch & McBride Wastewater Lines Rehabilitation project.

BACKGROUND AND PURPOSE:

The scope of this project will focus on the replacement or rehabilitation of over 8,000 lf of 36" wastewater pipe that crosses the Oso Golf Course and over 3,000 lf of 24"-30" wastewater pipe along McBride Lane near the HEB Distribution Center & Bakery. These wastewater lines are vitrified clay pipes (VCP), installed circa 1960, and are critical to the successful delivery of

wastewater services to more than 20,000 customers. This project is subject to the mandates of the consent decree which requires the assessment of condition and capacity of the lines of the City's wastewater system.

The project is divided into two locations: 1) Oso Beach Municipal Golf Course to Oso Water Reclamation Plant, and 2) McBride Lane from Erin Drive to Steel Street. The design will focus on the rehabilitation of both manholes and collection piping along these routes, prioritizing in-situ rehabilitation over demolition and replacement. The final design package will also include temporary and preliminary construction services, such as bypass pumping, pipe cleanout, matting, and traffic control.

The twin 36" wastewater lines serve customers on the North side of South Padre Island Drive (SPID) from Everhart Drive to the Oso Wastewater Treatment Facility. The 36" lines begin at the edge of the Oso Golf Facility, travel across the course and through the adjacent wetlands to the Oso Wastewater Treatment Facility. Conventional replacement would require excavation and cause disturbance to the golf course and wetlands areas. However, trenchless technologies will allow the replacement or rehabilitation of these lines with minimal impact to the surrounding areas.

The McBride Lane wastewater line is a 24" clay pipe that receives flows from the McBride Lift Station near Erin Drive. As the line continues down McBride Lane towards Steel Street, it captures additional flows from several businesses along the way and increases to 30" clay pipe near the Leopard Street intersection. The McBride line is approximately 20' deep and runs down the center of McBride Lane, which is a corridor for heavy haul transport vehicles from companies like HEB, Quality Ready Mix, and Republic Services. A trenchless repair would offer an ideal solution in this situation due to the depth of the wastewater line and the minimal impact on traffic.

This project will evaluate the Oso crossing and McBride Lane conveyances to determine the most cost-effective method of trenchless technologies, using either cured-in-place-pipe (CIPP) or pipe bursting. CIPP consists of installing a fiberglass liner inside of an existing pipe, which requires the pipe to be structurally intact for the process to be effective. Pipe bursting works by pulling a new pipe through an existing pipe, destroying the old pipe in the process. Trenchless methods provide a cost-effective solution by limiting disturbance to surface level infrastructure. This results in significant savings on roadway reconstruction, traffic control, and general restoration.

PROJECT TIMELINE:

2025 - 2026	2026			2026 - 2027
July - February	M	A	M	June - January
Design	Bid/Award			Construction

The projected schedule reflects City Council award in July 2025, with anticipated construction completion in January 2027.

COMPETITIVE SOLICITATION PROCESS:

J. Schwarz & Associates was selected in March 2025 under RFQ 6146 for the Twin 36-inch & McBride Wastewater Lines Rehabilitation project, which was one of five projects announced under the Wastewater CIP Projects category of the RFQ. The final evaluation ranked J. Schwarz & Associates 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. The evaluation selection panel consisted of members from the Engineering Department and Corpus Christi Water.

J. Schwarz & Associates has over 20 years of engineering experience and has successfully completed various projects for local municipalities in the coastal bend including:

- City of Corpus Christi – Street Preventative Maintenance Program – FY 2019 – maintenance improvements for approximately 120 streets throughout the City of Corpus Christi at a construction cost of \$42M.
- San Patricio County Municipal Water District – approximately 122,000 linear feet of 54” and 48” treated waterline beginning at O.N. Stevens Water Treatment Plant and ending at the GCGV plant site north of Portland at a construction cost of \$50M.
- Nueces County Water Control & Improvement District #3 – 27,000 linear feet of 24” PVC waterline, design of raw water pumps and headworks at a construction cost of \$3.7M.
- City of Rockport – 6,850 linear feet of 8” and 21” CIPP sewer rehab.

ALTERNATIVES:

Not awarding the contract for professional services to J. Schwarz & Associates will delay necessary improvements and cause more costly repairs to infrastructure and increase the risk of sanitary sewer overflows (SSO). Additionally, not awarding this contract would jeopardize the City’s ability to meet the established goals of the Consent Decree Agreement.

FISCAL IMPACT:

The fiscal impact for FY 2025 is an amount not to exceed \$604,650.00 with funding available through the Wastewater Capital Fund.

FUNDING DETAIL:

Fund:	Wastewater CIP (Fund 4262)
Department:	Wastewater (46)
Org:	89
Project:	Twin 36-inch & McBride Wastewater Lines Rehabilitation (Project 22150)
Account:	Outside Consultants (550950)
Activity:	22150
Amount:	\$604,650.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with J. Schwarz & Associates, in the amount not to exceed \$604,650.00 for the Twin 36-inch & McBride Wastewater Lines Rehabilitation project. The design phase will begin in July 2025 with anticipated completion in February 2026. Construction is anticipated to begin in June 2026 with anticipated completion by January 2027.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
CIP Page
Contract
Presentation