



AGENDA MEMORANDUM

Action Item for the City Council Meeting of December 16, 2025

DATE: December 16, 2025

TO: Peter Zaroni, City Manager

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<p style="text-align: center;"><u>Professional Services Contract</u> Hewitt/Santa Fe WW Line Upsizing to Oso WRP</p>
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CAPTION:

Motion authorizing a professional services contract with Ardurra Group, Inc. of Corpus Christi to provide design, bid, and construction phase services for the Hewitt/Santa Fe Wastewater Line Upsizing to Oso Water Reclamation Plant project in an amount up to \$3,686,074.00, located in Council Districts 2 and 4, with FY 2026 funding available from the Wastewater Capital Fund.

SUMMARY:

This motion authorizes the approval of a professional services contract for design, bid, and construction phase services for the Hewitt/Santa Fe Wastewater Line Upsizing to Oso Water Reclamation Plant (WRP) project. This project is required to address a confirmed capacity constraint which has been identified as part of the investigation and analysis associated with the Consent Decree.

BACKGROUND AND PURPOSE:

On January 11, 2021, the City of Corpus Christi (City) entered into a 15-year Consent Decree agreement with the Environmental Protection Agency (EPA), the Department of Justice (DOJ), and the Texas Commission on Environmental Quality (TCEQ). This agreement identifies various benchmarks for the condition and capacity assessment of the City's wastewater system. All confirmed capacity constraint projects must be completed by 2036.

The condition assessment focuses specifically on the wastewater collection system infrastructure. It requires cleaning and closed-circuit television (CCTV) inspection of force mains, gravity sewer mains, manholes, and air relief valves. The analysis derived from this condition assessment directly leads to prioritized repair, replacement, mitigation, and increased frequencies of cleaning and inspection.

The capacity assessment of the system included the development of a hydraulic model. To confirm the model's conditions and the influence of Inflow and Infiltration (I/I), field inspections and rainfall measurements were conducted. Following the completion of the modeling and further analysis of historic Sanitary Sewer Overflows (SSOs), specific remedial measures throughout the wastewater system have been identified. These measures must be completed as a condition of compliance with the Consent Decree agreement.

Both the assessments and the hydraulic analysis have confirmed a significant capacity constraint in the Santa Fe Street and Kentner Street collection systems, which are located within the Oso WRP collection basin. This constraint causes restricted and inefficient wastewater flows. The inability of the collection system to function properly in this specified area has led to consistent Sanitary Sewer Overflows (SSOs).

On February 7, 2024, the City authorized a task order on Ardurra's Citywide Collection Capacity Remediation Master Service Agreement for hydraulic modeling services. This action was taken to identify and screen potential solutions to address the capacity constraints and to better define the scope of work. The different potential solutions were presented to the City in a technical memo dated December 15, 2024.

The professional services contract provides for the design, bid, and construction phase services necessary for two new lift stations and associated force mains to reduce the occurrence of Sanitary Sewer Overflows (SSOs). The contract also provides for the upsize of interceptor wastewater lines and residential wastewater lines adjacent to those interceptors.

The project will consist of three phases.

- **Santa Fe Improvements:** This phase involves upsizing approximately 11,000 linear feet of existing gravity wastewater lines (12-inch, 15-inch, 18-inch, and 21-inch), constructing a new lift station, and installing approximately 16,500 linear feet of new 14" force main
- **Kentner Improvements:** This phase includes the construction of a new lift station and the installation of approximately 8,000 linear feet of new 16" force main
- **Residential Area:** This phase focuses on upsizing approximately 8,000 linear feet of existing gravity wastewater lines (8-inch, 10-inch, and 12-inch)

PROJECT TIMELINE:

2025 - 2028	2028			2028 - 2031
December - January	F	M	A	May - September
Design	Bid/Award			Construction

Projected schedule reflects City Council award in December 2025 with anticipated construction completion in September 2031.

COMPETITIVE SOLICITATION PROCESS:

Ardurra Group, Inc. was selected in March 2023 under Request for Qualifications (RFQ) 4413 for the Hewitt/Santa Fe WW Line Upsizing to Oso WRP project, which was one of three projects announced under the Wastewater CIP Projects category of the RFQ. The final evaluation ranked Ardurra Group, Inc. as one of the highest-ranked firms based on eight factors. These factors included the firm's experience on projects of similar scope and complexity, its demonstrated capability and capacity on comparable projects, and past performance. The evaluation also assessed the experience and qualifications of its team members, specifically their experience with work of similar scope and complexity. Finally, the panel considered the availability of resources to accomplish the work, the firm's demonstrated understanding of the scope of services, and its 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.

Ardurra Group, Inc. (formerly LNV) has worked on City projects for over twenty years and has successfully completed various projects including:

- Oso Water Reclamation Plant Process Aeration Course Bubble Improvements (Corpus Christi, TX) – Replacement of aeration diffusers to improve the treatment process reliability and efficiency at a construction cost of \$4.7M
- Oso Water Reclamation Plant Lift Station, Headworks, and Odor Control (Corpus Christi, TX) – Construction of new 60 MGD lift station, headworks facility, and odor control facility at a construction cost of \$25M.
- Flour Bluff Elevated Storage Tank (Corpus Christi, TX) – construction of a new elevated storage tank for the Flour Bluff area at a construction cost of \$13M.
- Hydraulic Wastewater Model & Consent Decree Support (Corpus Christi, TX) – Hydraulic modeling services for and calibrating hydraulic model for the City's wastewater collection system, documenting results of potential capacity constraints and recommend improvements.

ALTERNATIVES:

Not awarding the contract for professional services to Ardurra Group, Inc. will delay necessary improvements to the Hewitt Park and Santa Fe area, potentially causing more costly repairs to the infrastructure and private property and increasing the risk of Sanitary Sewer Overflows (SSOs). 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 Corpus Christi Water in Fiscal Year 2026 is an amount not to exceed \$3,686,074.00, with funding available from the Wastewater Capital Fund.

FUNDING DETAIL:

Fund: **Wastewater 2024 CIP (Rv Bds) (Fund 4261)**
Department: Wastewater (46)
Organization: Grants & Capital Projects Funds (89)
Project: Hewitt / Santa Fe WW Line Upsizing to Oso (Project 23007)
Account: Outside Consultant (550950)
Activity: 23007
Amount: \$3,686,074.00

RECOMMENDATION:

Staff recommend approval of the professional services contract with Ardurra Group, Inc., in the amount not to exceed \$3,686,074.00 for the Hewitt/Santa Fe WW Line Upsizing to Oso WRP project. The design phase will begin in December 2025 with anticipated completion in January 2028. Construction is anticipated to begin in May 2028 with anticipated completion by September 2031.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
CIP Page
Contract
Presentation