



AGENDA MEMORANDUM

Action Item for the City Council Meeting of November 18, 2025

DATE: November 18, 2025

TO: Peter Zaroni, City Manager

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<u>Professional Services Contract Award</u> ONSWTP Weir Improvements – Basins 3 & 4
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CAPTION:

Motion authorizing a professional services contract to Ardurra Group, Inc. of Corpus Christi to provide design, bid and construction phase services for the Weir Improvements - Basins 3 & 4 at the O.N. Stevens Water Treatment Plant (ONSWTP) project in an amount up to \$1,433,817.00, located in Council District 1, with FY 2026 funding available from the 2025 Water Capital Fund.

SUMMARY:

This motion authorizes approval of a professional engineering contract to provide design, bid, and construction phase services for the Weir Improvements – Basins 3 & 4 at the O.N. Stevens Water Treatment Plant (ONSWTP) Project.

BACKGROUND AND FINDINGS:

City of Corpus Christi owns and operates the O.N. Stevens Water Treatment Plant (ONSWTP) that treats a blend of surface waters from Choke Canyon and Lake Corpus Christi (via the Nueces River) and Lake Texana and the Colorado River (via the Mary Rhodes Pipeline). The ONSWTP uses a conventional water treatment process (coagulation, flocculation, sedimentation, filtration)

for removal of turbidity and naturally occurring organic matter.

The ONSWTP has two separate treatment systems: Plant 1 (using Basins 1 & 2, a 4 MG Clearwell 1) and Plant 2 (using Basins 3 & 4, a 10 MG Clearwell 2). Both plants include filters and high-service pump stations.

Plant 2 has operational challenges in secondary basins 3 and 4 due to their finger-style weirs. These weirs extend too far, causing uneven flow distribution, potential short-circuiting (especially on windy days), and problems like solids carry-over and caustic deposits. The primary goal of this project is to upgrade Plant 2's weirs to enhance hydraulic performance and settling efficiency, evaluating up to three alternatives, including a straight weir configuration, Finger Weirs with decreased projection length, and submerged effluent launders.

The scope of services for this proposal includes design, bid, and construction Phase Services for basin 3 and 4 along with evaluation of the existing straight weirs in Plant 1's secondary basins, which are deteriorated and need replacement. A rehabilitation or replacement recommendation for Plant 1 will be developed during the preliminary phase. This will allow the City to decide whether to include Plant 1's weir improvements in this project, potentially as an additional service to be bid concurrently with Plant 2.

PROJECT TIMELINE:

2025 - 2027	2027	2027 - 2028
November - May	May - November	December - December
Design	Bid/Award	Construction

Project schedule reflects City Council award in November 2025 with anticipated construction completion by December 2028.

COMPETITIVE SOLICITATION PROCESS:

The Contracts and Procurement Department issued a Request for Qualifications on September 30, 2024, with RFQ Number 6146 for Professional Engineering Services for Capital Improvement Projects FY2025. The City received statements of qualifications from six firms and a technical evaluation was performed by the selection committee. The selection committee consisted of representatives from Corpus Christi Water (CCW) and Engineering Services.

Firm ranks were based on the below listed criteria:

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 the scope of services

8. Demonstrated understanding and experience with a public agency

Ardurra Group, Inc. (formerly LNV), has been selected for this project based on experience and qualifications. Ardurra Group, Inc. has worked on and completed various City projects. Notable projects include:

ONSWTP Solids Handling & Disposal Facility – Corpus Christi, TX – Design cost \$4,789,425.00 - The project involved providing preliminary design, permitting, design, and bid phase services for new Solids Handling & Disposal Facility at the O.N. Stevens Water Treatment Plant (ONSWTP)

Broadway WWTP Third Clarifier – Corpus Christi TX, - Design cost \$845,5745.00 - The project involved providing design, bid, and construction phase services for the Broadway Wastewater Treatment Plant Third Clarifier.

Water Line Extension to Padre Island – Corpus Christi TX, - Design cost \$3,806,500.00 - The project involved providing preliminary design, permitting, design, bid, and construction phase services for the Water Line Extension to Padre Island Project.

ALTERNATIVES:

City Council could choose not to award the contract to Ardurra Group, Inc. Not awarding the contract for professional services to Ardurra Group, Inc. will delay necessary improvements and may affect the ability to satisfy the safety, operational, and regulatory requirements.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2026 is an amount of \$700,000.00, with future funding being available in FY 2027 is an amount of \$733,817.00 with funding available from the Water Capital Fund.

FUNDING DETAIL:

FY2026

Fund:	Water 2025 CIP (Fund 4492)
Department:	Water (45)
Organization:	Grants & Capital Projects Funds (89)
Project:	ONSWTP Weir Improvements – Basins 3 & 4 (Project 26025)
Account:	Outside Consultants (550950)
Activity:	26025
Amount:	\$700,000.00

Year 1 (FY 2026): \$700,000.00 Water CIP

Year 2 (FY 2027): \$733,817.00 Water CIP

Overall Contract Total: \$1,433,817.00

RECOMMENDATION:

City Staff recommends approval of the professional services contract with Ardurra Group, Inc. in an amount not to exceed \$1,433,817.00 for the ONSWTP Weir Improvements – Basins 3 & 4 Project with an estimated design completion by May 2027.

LIST OF SUPPORTING DOCUMENTS:

Location and Vicinity Maps
Evaluation Matrix
Proposal
CIP Page
Presentation