



CITY OF CORPUS CHRISTI

AGENDA MEMORANDUM

Action Item for the City Council Meeting November 18, 2025

DATE: November 18, 2025

TO: Peter Zaroni, City Manager

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<u>Master Services Agreement</u> Reclaimed Water for Industrial Reuse Project
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CAPTION:

One-read ordinance awarding a Master Services Agreement for Reclaimed Water for Industrial Reuse Project to Ardurra Group, Inc., Corpus Christi, Texas, in an amount up to \$11,000,000.00, with the project located Citywide, with FY 2026 funding available from Water Capital Fund; and amending the FY26 Capital Budget.

SUMMARY:

This ordinance approves a Master Services Agreement to provide professional services to design an effluent reuse delivery system from Oso Water Reclamation Plant (WRP) to Greenwood WRP. The project is intended to increase the reliability, capacity and efficiency of the City's non-potable reuse system and take some industrial users off the potable water system.

BACKGROUND AND PURPOSE:

A Master Services Agreement (MSA) is a contract in which work is performed through multiple Task Orders (TOs) under a blanket set of terms and conditions. These MSAs will issue TOs with Lump Sum (LS) fees or Not-to-Exceed (NTE) time and materials amounts based on an approved hourly rate schedule.

The City has utilized wastewater effluent for non-potable reuse since the 1960s. Currently, it reuses approximately 3% of the total effluent produced by Greenwood, Oso, and Laguna Madre

Water Reclamation Plant (WRP). The remainder is discharged into creeks, bays, and estuaries.

The effluent reuse project will expand the delivery of treated effluent from the Oso WRP for reuse. This project is intended to improve the reliability, capacity, and efficiency of the City's non-potable reuse system, while also offsetting demands on the potable water system.

The effluent reuse project will deliver non-potable water from Oso WRP to Greenwood WWTP's proposed 10-million-gallon storage tank (by others). The project scope will include the design of an effluent delivery system from Oso WRP to Greenwood WWTP. The system will consist of a Ground Storage tank to provide 6 hours of buffering capacity at Oso WRP and an Oso WRP Effluent Pump Station. The pump station will not have an associated building and will include an automated control system and an emergency power generator. Chemical feed modifications may also be required for phosphorus stabilization.

The force main is expected to consist of 65,800 linear feet of 30" high-density polyethylene pipe (HDPE). The installation of this line will include Horizontal Directional Drilling (HDD), which will be required at Oso Creek and TxDOT crossings, along with a tie-in to a 10-million-gallon storage tank at Greenwood WWTP. The force main will be routed to follow City Right-of-Way and easements to the extent possible to minimize land acquisition and will be tied to a 10-million-gallon storage tank at Greenwood WRP, to be built by others.

Additional services for this project will include geotechnical investigation, subsurface utility investigations, TCQ coordination, environmental coordination, and a technical memorandum regarding the existing TPDES discharges at the Oso and Greenwood WRPs.

The estimated design timeline is 9 months.

PROJECT TIMELINE:

2025					2026				
N	D	J	F	M	A	M	J	J	A
Design Services									

The projected schedule reflects the City Council award in November 2025, with anticipated design completion in August 2026. The construction phase of the project is to be determined based on the design of the project.

COMPETITIVE SOLICITATION PROCESS:

Due to the urgency of this project, an exception to the City's procurement policy is being requested for this project. Local Government Code 252.022(a) exempts this contract or procurement from the State's competitive bidding requirements because it is a procurement for professional services. Texas Government Code 2254 requires the City to select professional services based on demonstrated competence and qualifications to perform the services.

Ardurra Group, Inc., formally LNV, Inc., has worked with the City for over three decades. They have work experience with numerous water utilities in Texas. Ardurra Group, Inc. has extensive knowledge of the Oso WRP based on their aeration basin improvements and process upgrades projects.

Ardurra was selected for this assignment based on the qualifications and experience of the firm

with similar past projects and their ability to provide an independent assessment of the current situation.

ALTERNATIVES:

City Council could choose not to award the design contract, which would impact the available water resources available to the City.

FISCAL IMPACT:

The FY26 Adopted Capital Budget did not allocate funding for this design; an amendment is now required to incorporate the necessary resources to support this Master Service Agreement. The fiscal impact for Corpus Christi Water in FY 2026 is an amount not to exceed \$11,000,000.00, with funding available through the Water Capital Fund.

FUNDING DETAIL:

Fund: **Water CIP (Rv Bds) (Fund 4492)**
Department: Water (45)
Organization: Grants & Capital Projects Funds (89)
Project: Reclaimed Water Infrastructure (Project 25018)
Account: Outside Consultants (550950)
Activity: 25018
Amount: \$11,000,000.00

RECOMMENDATION:

Staff recommends approval of the MSA with Ardurra, Inc., in the amount not to exceed \$11,000,000.00 for the Reclaimed Water for Industrial Reuse Project and amend the FY26 Capital Budget.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
CIP Page
Proposal
Presentation