



## **AGENDA MEMORANDUM**

Action Item for the City Council Meeting of August 12, 2025

**DATE:** August 12, 2025

**TO:** Peter Zaroni, City Manager

**FROM:** Jeff H. Edmonds, P. E., Director of Engineering Services  
[jeffrey@cctexas.com](mailto:jeffrey@cctexas.com)  
(361) 826-3851

Nicholas Winkelmann, P.E, Director of Water Systems and Support Services  
[NickW@cctexas.com](mailto:NickW@cctexas.com)  
(361) 826-1796

Sergio Villasana, CPA, CIA, CGFO, Director of Finance & Procurement  
[sergiov2@cctexas.com](mailto:sergiov2@cctexas.com)  
(361) 826-3227

<p style="text-align: center;"><b><u>Professional Services Contract</u></b> <b>Nueces River Pump Station Pipeline and System Upgrades</b></p>
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**CAPTION:**

Motion authorizing a professional services agreement with Lockwood, Andrews & Newman, Inc. (LAN), of Corpus Christi to provide design, bid, and construction phase services for the Nueces River Pump Station Pipeline and System Upgrades Project in an amount up to \$1,540,995.00, located in Council District 1, with FY 2025 funding available from Water Capital Fund.

**SUMMARY:**

This motion authorizes approval of a professional services contract for design, bid, and construction phase services for site piping upgrades at the Nueces River Pump Station to improve operational flexibility and completion of the new 54-inch diameter raw water transmission main between the pump station and O.N. Stevens Water Treatment Plant (ONSWTP).

**BACKGROUND AND PURPOSE:**

The ONSWTP is executing a strategic upgrade plan to improve efficiencies and reliable treatment capacities from 114 million gallons per day (MGD) to 160 MGD. The Nueces River Pump Station supplies water from the Nueces River to the ONSWTP through two 54-inch transmission mains. The Mary Rhodes Pipeline (MRP) is aligned

in the same pipeline corridor with a 72-inch Pre-Cast Cylinder transmission main. The project involves hydraulic and transient modeling. We're also modifying the pump station's piping to improve operational flexibility. Modifications to the pump station's piping will be made to improve operational flexibility and the ability to transmit water to ONSWTP from the Nueces River or MRP using different combinations of the 54-inch and 72-inch mains. This project will also complete the approximately 2,400 linear feet of new 54-inch diameter transmission main, aligning it from Calallen Drive to the Nueces River Pump Station. Slope stabilization along with stormwater drainage modifications will be required in the pipeline corridor to provide adequate coverage over the transmission mains.

The Professional Services contract will provide professional services for design, bid, and construction phase to modify pump station piping, drainage improvements, slope stabilization, and installation of approximately 2,400 linear feet of new 54-inch Pre-Cast Cylinder transmission main from the intersection of Calallen Dr. and Smith Rd. to the Nueces River Pump Station.

**PROJECT TIMELINE:**

2025-2026		2026			2027-2028	
<b>August - September</b>		<b>O</b>	<b>N</b>	<b>D</b>	<b>January - April</b>	
<b>Design</b>		<b>Bid/Award</b>			<b>Construction</b>	

The projected schedule reflects City Council award in August 2025, with anticipated construction completion in April 2028.

**COMPETITIVE SOLICITATION PROCESS:**

LAN, Inc., was selected in March 2025 under RFQ 6146 for Nueces River Pump Station Pipeline and System Upgrades project, which was one of six projects announced under the Water CIP Projects category of the RFQ. Eighty-eight (88) engineering firms downloaded RFQ 6146 and eighteen (18) firms submitted for this project. The final evaluation ranked LAN, Inc., as the highest ranked firm 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 Services Department and Corpus Christi Water.

LAN, Inc., has provided professional services for several City projects. Some of these projects include Citywide Large Diameter Water Line assessments, East Navigation 12" Water Line Replacement, Small & Large Diameter Water Line Repair/Replacements IDIQ.

LAN, Inc., has also provided professional services for other municipalities, to include San Antonio Water System, City of Houston, Alliance Regional Water Authority, Tarrant Regional Water District, Upper Trinity Regional Water District, Trinity River Authority, and the City of Laredo.

Additionally, LAN's recent project for the City Houston, 120"/108" Northeast Transmission Line (NETL) was just awarded American Society of Civil Engineers (ASCE) Outstanding Civil Engineering Honor Award (OCEA) and is also a contender for the bronze, silver, or top Outstanding Projects and Leaders (OPAL) award.

### **ALTERNATIVES:**

City Council could choose not to award the design contract which would delay the design and installation of necessary water infrastructure improvements to provide a reliable raw water supply for the O.N. Stevens Water Treatment Plant.

### **FISCAL IMPACT:**

The fiscal impact for Corpus Christi Water in FY 2025 is an amount not to exceed \$1,540,955.00 with funding available through the Water Capital Fund. The short-range Capital Improvement Plan (CIP) design budget for this project was set at \$1,200,000.00, resulting in a budget shortfall of \$340,995.00 that will come from the \$15,000,000.00 in construction funds budgeted for FY 2025.

### **FUNDING DETAIL:**

Fund: **Water 2024 CIP (Fund 4491)**  
Department: Water (45)  
Organization: Grants & Capital Projects Funds (89)  
Project: Nueces River Pump Station Pipeline and System Upgrades (Project 25014)  
Account: Outside Consultants (550950)  
Activity: 25014  
Amount: \$1,540,995.00

### **RECOMMENDATION:**

Staff recommends approval of the professional services contract with LAN, Inc., in the amount not to exceed \$1,540,955.00 for the Nueces River Pump Station Pipeline and System Upgrades project. The design phase will begin in August 2025 with anticipated completion in September 2026. Construction is anticipated to begin in January 2027 with anticipated completion by April 2028.

### **LIST OF SUPPORTING DOCUMENTS:**

Location & Vicinity Maps  
Evaluation Matrix  
CIP Page  
Contract  
Presentation