



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of January 14, 2025

**DATE:** January 14, 2025

**TO:** Peter Zaroni, City Manager

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<p style="text-align: center;"><b><u>Construction Contract Award</u></b> <b>ONSWTP Filter Media Backwash Elevated Storage Tank Rehabilitation</b></p>
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### **CAPTION**

Motion awarding a construction contract to O&J Coatings, Inc., Hurst, Texas, for the rehabilitation of the filter media backwash elevated storage tank located at the O.N. Stevens Water Treatment Plant (ONSWTP) in an amount of \$432,100.00, with FY 2025 funding available from the Water Fund.

### **SUMMARY:**

This motion approves a construction contract for the rehabilitation of the ONSWTP filter media backwash elevated storage tank (EST). The construction will include the sediment removal, cleaning, repairs, appurtenance modifications, surface preparation and coating of all exterior and interior surfaces of the EST.

### **BACKGROUND AND FINDINGS:**

The O.N. Stevens Water Treatment Plant (ONSWTP) is owned and operated by the City of Corpus Christi. The ONSWTP is the sole provider of potable water for Corpus Christi and surrounding communities.

The filtration process of the ONSWTP consists of twenty-two (22) media filters that require regular backwashing to maintain filtered water quality within TCEQ standard limits.

The filters use an air-scour system as well as a dedicated backwash pump system with a 300,000-gallon multi-leg elevated storage tank built in 2005 to backwash individual filters. This project is intended to provide necessary maintenance to the filter media backwash elevated storage tank to prevent further corrosion damage, meet TCEQ and OSHA requirements, and perform general repairs as needed while the tank is out of service.

Taking the filter media backwash elevated storage tank out of service will require backwash operations to rely on the three (3) existing backwash pumps for the 5-month duration of construction. The backwash pumps have a rated capacity of 9,000 gallons per minute, equivalent to 71 feet of the total dynamic head of the water. The operators control backwash flow to the individual filters via a flow control valve within the filter building. Given the TCEQ backwash flow parameters, the flow characteristics of the existing backwash pumps, and the flow control capabilities within the filter building, the backwash system can operate without the elevated storage tank in service by using two or three of the backwash pumps at a time.

CCW does not anticipate any special requirements for isolating the Wash Water Elevated Storage Tank for the anticipated 5-month duration needed to rehab the elevated storage tank.

The project scope of work includes the critical restoration and rehabilitation of the ONSWTP filter media backwash elevated storage tank listed below:

- Complete Cleaning and Repainting of the Exterior Surfaces
- Complete Cleaning and Repainting of the Interior Surfaces
- Containment and Dust Collection System (Exterior Repainting)
- Dehumidification and Ventilation Equipment (Interior Repainting)
- Welding and Corrosion Related Repairs
- Perform epoxy surfacing and seam sealing work
- General Foundation Related Repairs
- Modifications to Ladders and Balcony
- Temporarily remove all shell manholes, manways, and roof manholes to provide access and ventilation. Reinstall with new flanges, gaskets, etc.

**PROJECT TIMELINE:**

2024 - 2025	
Sep – Jan	Feb - July
<b>Bid/Award</b>	<b>Construction</b>

Project schedule reflects City Council award in January 2025 with anticipated completion in July 2025.

**COMPETITIVE SOLICITATION PROCESS**

On July 29, 2024, the Contracts and Procurement Department issued a Request for Bids (RFB #6004) for Citywide Wastewater IDIQ FY2024. On October 23, 2024, the City received bids from ten (10) bidders. The City analyzed the bids in accordance with the contract documents and determined O&J Coatings, Inc. is the lowest responsive and responsible bidder.

<b>CONTRACTOR</b>	<b>BASE BID</b>
<b>O&amp;J Coatings, Inc</b>	<b>\$432,100.00</b>
CTEX Construction Services LLC	\$443,275.00
A&M Construction and Utilities, Inc	\$486,040.00
BRZ Coatings, Inc	\$487,000.00
Viking Industrial Painting	\$487,168.00
D&M Tank, LLC	\$513,200.00
Tank Pro, Inc	\$559,680.00
Pittsburg Tank & Tower Maintenance	\$566,135.00
Classic Protective Coatings, Inc	\$683,600.00
NG Painting, LP	\$754,680.00
<b><i>Engineer’s Opinion of Probable Construction Cost</i></b>	<b>\$564,000.00</b>

O&J Coatings, Inc., has successfully completed a sufficient number of projects demonstrating compliance with the experience requirements of the contract documents. These requirements consisted of at least five tank rehabilitation and restoration projects completed within the past five years that were equal to or greater in size and magnitude than the current project. O&J Coatings, Inc. has completed six rehabilitation projects with tanks over a one-million-gallon capacity. This is the first time they will be working for the City of Corpus Christi.

Some projects that O&J Coatings, Inc. completed in the last 5 years are listed below:

- Bedford, Texas, Cummings DR: the project involved a 2-million-legged tank, full blast with containment and paint - \$2,028,000.00
- Sherman, Texas, Ida Rd: the project involved a 5-million-gallon Ground Storage Tank. Full blast interior and exterior. - \$1,080,000.00
- Cedar Rapids, Iowa: the project involved a Boyson Road tank and 60<sup>th</sup> Avenue Standpipe reconditioning, full blast with containment and painting on a 3-million-gallon fluted column tank. - \$1,637,000.00

- College Station, Texas: the project involved a 2-million-gallon elevated fluted column water tower. Full blast with containment, including the dry and the wet interior. - \$1,790,000.00
- Wauwatosa, Wisconsin: the project involved a 2-million-gallon legged tank inside blast and exterior overcoat. - \$986,000.00

**ALTERNATIVES:**

The alternative is to not award the construction contract to the low-bidder, O&J Coatings, Inc. This would delay improvements to the ONSWTP filter media backwash elevated storage tank and make ONSWTP unable to meet TCEQ and OSHA requirements.

**FISCAL IMPACT:**

The fiscal impact for Corpus Christi Water in FY 2025 is an amount of \$432,100.00 with funding available through the Water Fund.

**FUNDING DETAIL:**

Fund: **Water Fund 4010 (Fund 4010)**  
Department: Water (45)  
Organization: Stevens Filter Plant (31010)  
Project: 24041 - ONSWTP Wash Water Elevated Storage Tank Rehabilitation  
Account: Maintenance & Repairs - Contracted (530215)  
Activity: 24041  
Amount \$432,100.00

**RECOMMENDATION:**

Staff is recommending the award of a construction contract for the ONSWTP filter media backwash elevated storage tank rehabilitation to O&J Coatings Inc., in the amount of \$432,100.00. The construction duration is planned for five months from the issuance of the Notice to Proceed with construction starting in February 2025.

**LIST OF SUPPORTING DOCUMENTS:**

Location and Vicinity Map  
Bid Tab