



AGENDA MEMORANDUM

Action Item for the City Council Meeting September 20, 2022

DATE: September 20, 2022

TO: Peter Zaroni, City Manager

FROM: Wesley Nebgen, Director of Water System Infrastructure
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Purchase of Pump, Motor and Services for Corpus Christi Water

CAPTION:

Resolution authorizing a one-year service agreement, with two one-year options, with Xylem Water Solutions USA, Inc., of Carrollton, in the amount of \$629,700.00, with a potential amount not to exceed \$1,889,100.00 if options are exercised, for the purchase of Flygt pumps, motors, and services for Corpus Christi Water, with FY 2022 funding of \$104,950.00 from the Wastewater Fund.

SUMMARY:

This resolution authorizes a service agreement for the purchase of Flygt pumps, motors, and repair/preventive maintenance services for Corpus Christi Water. This agreement is necessary to ensure a supply of pumps, motors, and services at wastewater lift stations and treatment plants.

BACKGROUND AND FINDINGS:

Flygt, a Xylem brand, comprises of approximately 90% of the pumps at the City lift stations and wastewater treatment plants, and has been the standard pumping equipment used throughout the City. The purchase of new equipment, spare parts, materials and services are critical to ensure optimum operating requirements and compliance with TCEQ regulations.

This is a sole source procurement. Flygt pump and motor units have unique design characteristics that require exact specifications for optimum use. Other pump manufacturers require a total piping redesign, which requires additional costs.

Xylem Water Solutions USA Inc. is the sole source distributor for Flygt submersible pumps, mixers, and spare parts used to interface with Flygt equipment. They are also the only Flygt authorized vendor providing warranty service in South Texas. Flygt pumps are warrantied and serviced at their shop in Corpus Christi.

The Corpus Christi Water (CCW) Department has been utilizing Maximo program for asset management since 2019. City's six wastewater treatment plants (WWTPs) and 105 lift stations are one of the largest assets with electrical equipment and instrumentation. This contract will provide purchase of Flygt pumps, motors, and repair/preventive maintenance services for approximately 40 pumps over two- or three-year period based on the accomplished condition assessment of 86 lift stations and WWTPs.

PROCUREMENT DETAIL:

This procurement is a sole source procurement with Xylem Water Solutions USA, Inc. under the Local Government Code, Section 252.022(a) (2), as this purchase is necessary to preserve or protect the public health or safety of the city's residents.

ALTERNATIVES:

An alternative is to not enter into a service agreement, requiring separate procurements on an as needed basis. This would reduce the economies of scale pricing secured through a long-term contract, and increase the time delay due to the procurement process. As a result, longer lead times for needed services could impact performance levels required by TCEQ regulations.

FISCAL IMPACT:

The fiscal impact of FY 2022 for Corpus Christi Water is \$104,950.00.

FUNDING DETAIL:

Fund:	4200	Wastewater
Organization/Activity:	33110	Oso Wastewater Plant
Mission Element:	064	Treat Wastewater
Project # (CIP Only):	N/A	
Account:	530215	Maintenance & Repairs – Contracted
Cost:	\$8,396.00	

Fund:	4200	Wastewater
Organization/Activity:	33120	Greenwood Wastewater Plant
Mission Element:	064	Treat Wastewater
Project # (CIP Only):	N/A	
Account:	530215	Maintenance & Repairs – Contracted
Cost:	\$4,198.00	

Fund:	4200	Wastewater
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Organization/Activity: 33130 Allison Wastewater Plant
Mission Element: 064 Treat Wastewater
Project # (CIP Only): N/A
Account: 530215 Maintenance & Repairs – Contracted
Cost: \$4,198.00

Fund: 4200 Wastewater
Organization/Activity: 33140 Laguna Madre Wastewater Plant
Mission Element: 064 Treat Wastewater
Project # (CIP Only): N/A
Account: 530215 Maintenance & Repairs – Contracted
Cost: \$2,099.00

Fund: 4200 Wastewater
Organization/Activity: 33150 Whitecap Wastewater Plant
Mission Element: 064 Treat Wastewater
Project # (CIP Only): N/A
Account: 530215 Maintenance & Repairs – Contracted
Cost: \$2,099.00

Fund: 4200 Wastewater
Organization/Activity: 33210 Lift Station Operation & Maintenance
Mission Element: 065 Manage wastewater lift stations
Project # (CIP Only): N/A
Account: 530215 Maintenance & Repairs – Contracted
Cost: \$83,960.00

RECOMMENDATION:

Staff recommends approval of this resolution authorizing the purchase of pumps, motors, and services from Xylem Water Solutions USA, Inc., as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet
Resolution
Service Agreement