

STAFF REPORT UTILITY MEETING

AGENDA DATE: October 28, 2025

DEPARTMENT: Water Utilities

TITLE:

Purchase Order with PSI Technologies, Inc. for a Wilo Sewage Pump for the Regional Master Pump Station

SUMMARY:

The Purchase Order with PSI Technologies Inc. authorizes purchasing a Wilo Sewage Pump for the Water Utilities Department at a cost not exceeding \$344,765.00.

BACKGROUND AND JUSTIFICATION:

The Sewer Pumping Division of the Water Utilities Department has the important responsibility of maintaining and supervising the Regional Master Lift Station. This lift station is critical in ensuring the proper functioning of the Regional Sewer Infrastructure by moving untreated sewage through a 14-mile force main to the East Central Wastewater Facility, managing a daily volume of approximately 8 million gallons of sewage.

To ensure the lift station's continued reliability, the Sewer Pumping Division has decided to purchase a new sewage pump from PSI Technologies Inc., the sole supplier of the pumps needed for the original design of the Master Pump Station. The existing pump system at the Master Lift Station located at 130 S Golfview Rd., Lake Worth Beach, FL, was specifically designed around Wilo-brand pumps in 2005. Since then, the overall pump design, including the base elbow and guide rail system, has remained consistent and is custom fitted for Wilo equipment. Using a different pump would not be a simple replacement, it would require significant and costly modifications to the entire wet well mounting system to accommodate a non-Wilo unit. In addition, the pump station controls and VFDs (Variable Frequency Drives) were selected during the engineering phase to optimize performance specifically for Wilo pumps. Substituting a different brand could require major reprogramming or full replacement of the control system and associated components. The station installed in 2014 Wilo De-Ragger system which works specifically with only Wilo Pumps and allows the pump to spin backwards and unclog pumps with no down time. Thus, ensuring efficiency with intelligent pump monitoring, reducing ragging and energy costs and environmental impact while improving performance. The acquisition is subject to a procurement limit of \$344,765.00. The City's procurement code, section 2-112 (e) (1), authorizes single source procurement without competition if the single source is the only practical source or in the best interest of the City.

The funds were previously appropriated in FY 2025 using Fund Balance.

MOTION:

Move to approve/disapprove Purchase Order with PSI Technologies Inc. for a Wilo Sewage Pump for the Water Utilities Department for a cost not to exceed \$344,765.00

ATTACHMENT(S):

Fiscal Impact Analysis
Quote & Sole Source Letter

FISCAL IMPACT ANALYSIS

Five Year Summary of Fiscal Impact:

Fiscal Years	2026	2027	2028	2029	2030
Inflows/Revenues					
Appropriated (Budgeted)	0	0	0	0	0
Program Income	0	0	0	0	0
Grants	0	0	0	0	0
In Kind	0	0	0	0	0
Outflows/Expenditures					
Appropriated (Budgeted)	\$344,765.00	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
Net Fiscal Impact (If not budgeted)	0	0	0	0	
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

Contract Award - Existing Appropriation (Budgeted)	
	Expenditure
Department	Regional Sewer
Division	Non-Departmental
GL Description	Capital Improvement
GL Account Number	426-7490-535.63-15
Project Number	RS2500
Requested Funds	\$344,765.00
Remaining Balance	\$1,156,035
Source of Revenue (i.e. Paygo. Current Revenue, Bond Money, Grants, etc.)	Previously allocated Fund Balance