




## MEMORANDUM

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Date: May 9, 2024

To: Honorable Mayor and Commissioners

Via: Albert P. Childress  
City Manager 

From: Matt Willman  
Interim Utilities Director

Subject: **24-5778 Procurement of Wilo Submersible Sewage Pump to be Installed in Pump Station A, from PSI Technologies, Inc., in the Amount of \$61,750.00; and Approval of Budget Transfer Within the Sewer Fund.**

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### Introduction

Staff recommends the Mayor and City Commission approve the purchase of Wilo manufactured submersible sewage pump with adaptor fitting, for installation in Pump Station A. The cost for sewage pump, cables, stainless steel lifting bail, connection adapter, and pump monitor relay is \$61,750.00.

### Background

The City of Key West operates and maintains sewage Pump Station A, located at Thomas Street and Amelia Street. The wet well is equipped with two sewage pumps that can be alternately operated and operated simultaneously during high flow periods. It is critical to have two sewage pumps that are in working order.

Florida Department of Environmental Protection requires the city to maintain uninterrupted operation of the collection/transmission system, as a requirement of the Richard A. Heyman Environmental Protection Facility permit. To ensure uninterrupted operation, sewage pump stations must be equipped with two, in-service sewage pumps.

Pump Station A second pump is nearing its end of useful operation and will not be able to be repaired. Purchase of a replacement pump is necessary. City staff desires to standardize the manufacturer of pumps in all the sewage pump stations, and prefers Wilo manufactured pumps, because replacement parts and service are available locally.

The city has installed Wilo sewage pumps in other pump stations and the wastewater treatment facility. A Wilo replacement pump will be compatible with the planned renovation of Pump Station A.

Wilo six-inch submersible sewage pump flow rate, 1750 gallons per minute at 125 feet of head, is higher than the existing Flygt pump flow rate, 1400 gallons per minute at 125 feet of head.

### **Procurement**

Pursuant to Code of Ordinances, Sections 2-844, 2-797(1), and 2-797(4)(b), for the purchase of brand name specified Wilo sewage submersible pump that may be obtained from only one sales distributor, PSI Technologies, Inc., that is in the best interests of the city because replacement parts and repair services for Wilo pumps are quickly available through the local distributor, PSI Technologies, Inc.

Funds for the purchase of the Wilo submersible sewage pump are budgeted in renewal and replacement sewer fund 4013503 5356500 Construction in Progress for project SE35032304 Pump Station A Upgrades.

### **Recommendation**

The City Manager's Office recommends the Mayor and City Commission approve the purchase of one Wilo submersible sewage pump from PSI Technologies, Inc., in the amount of \$61,750.00, and authorize any necessary budget transfers.