



MEMORANDUM

Date: March 4, 2025

To: Honorable Mayor and Commissioners

Via: Brian L. Barroso
City Manager

From: Matt Willman
Utilities Director

Subject: **Submersible Sewage Pump for Installation in Pump Station A Procurement from PSI Technologies, Inc., in the Amount of \$66,500.00. (File ID 25-3422)**

Introduction

Staff recommend the Mayor and City Commission approve the purchase of one (1) Wilo submersible sewage pump for installation in Pump Station A. Cost for pump, adapter, cables, stainless steel lifting bail, and pump monitor relay is \$66,500.00.

Background

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.

The 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, all sewage pump stations must be equipped with two in-service sewage pumps.

Pump Station A pump #2 is nearing its end of its useful operation, will not be able to be repaired, and must be replaced. Purchase of a replacement pump is necessary to meet the Department's requirement for multiple pumps in a pump station, in accordance with Rule 62-604.300(2)(g), F.A.C., Recommended Standards for Wastewater Facilities (2014), Sections 42.31 and 42.36.

City staff desire to standardize pumps in the stations and at the wastewater treatment facility. Wilo manufactured pumps are preferred because replacement parts and service are available locally with a short time of shipment and repair.

Wilo six-inch submersible sewage pump flow rate meets the design criteria of Rule 62-604.300(2)(g), F.A.C., Recommended Standards for Wastewater Facilities (2014), Section 42.31, and will be compatible with planned Pump Station A Upgrades, SE35032304.

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 submersible sewage 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 \$66,500.00, and authorize any necessary budget transfers.