



Interoffice Memorandum

November 17, 2023

TO: Mayor Jerry L. Demings
-AND-
County Commissioners

CM FROM: Carrie Mathes, CFCM, NIGP-CPP, CPPO, C.P.M., Manager II, Procurement Division

CONTACT: Iulia Siemen, Manager, Water Operations Division
407-254-9844

SUBJECT: Approval of Purchase Order M113035, Purchase of Vertical Turbine Pump for the Western Regional Plant

ACTION REQUESTED:

Approval of Purchase Order M113035, Purchase of Vertical Turbine Pump for the Western Regional Plant, with DXP d/b/a Carter & VerPlanck, in the amount of \$144,027.

PROCUREMENT:

This purchase order will procure a replacement for high service pump for the Western Regional Plant.

FUNDING:

Funding is available in account number 4420-038-1324-3820.

APPROVALS:

The Water Operations Division concurs with this recommendation.

REMARKS:

The current vertical turbine pump is internally damaged. One high-capacity service pump at the Western Regional Plant remains operational; however, this is not sufficient and the plant is not able to meet Department of Environmental Protection requirements in regards to firm capacity in the event of an emergency.

The cost of repairing the pump was estimated to be \$82,850.59, which exceeds 58% of the cost of replacing the pump. Repair parts and materials are additionally subject to uncertain lead times due to the volatility of supply chains. The existing pump is over 20 years old and, even with repair, worn parts may cause premature failure in the future. Additionally, developments in design and technology have allowed pumps to become more energy efficient, allowing the county to provide potable drinking water in a more environmentally conscious manner. The cost of the replacement vertical turbine pump was determined to be fair and reasonable through comparison of two quotes obtained in the current market.