



## Interoffice Memorandum

APPROVED BY ORANGE  
COUNTY BOARD OF COUNTY  
COMMISSIONERS

November 7, 2016

BCC Mtg. Date: November 29, 2016

TO: Mayor Teresa Jacobs  
and the Board of County Commissioners

FROM: Carrie Woodell, Manager, Procurement Division

CONTACT: Andres Salcedo, P.E., Assistant Director  
Utilities Engineering Division  
407-254-9719

SUBJECT: Approval of Purchase Order M81692, Purchase of a Morris Flow Pump for Eastern Water Reclamation Facility (EWRF) Phase I/II Internal Recirculation Pump

### ACTION REQUESTED:

Approval of Purchase Order M81692, Purchase of a Morris Flow Pump for Eastern Water Reclamation Facility (EWRF) Phase I/II Internal Recirculation Pump, with Tom Evans Environmental, Inc. in the total amount of \$185,405.

### PURPOSE:

The Morris Flow Pump being purchased will be used as a back-up Internal Recirculation Pump at the EWRF. If any pump fails, the entire process train is affected. It takes three to four months to decommission the pump, send for repair and reinstall the pump. Meanwhile, the reclaimed water quality deteriorates and increases the chances for non-compliance.

### FUNDING

Funding is available in account 4420-038-1538-6310.

### APPROVALS:

The Utilities Engineering Division concurs with this recommendation.

### REMARKS:

Tom Evans Environmental, Inc. is the sole source supplier of Morris Flow Pumps, manufactured by Grundfos Pumps Corporation. The back-up internal recirculation pump being purchased must fit in the existing platform without major modifications to minimize the down time in installation or reinstalling of the equipment and for ease of spare parts exchange.

Approval of PO M81692-Purchase of a Morris Flow Pump for Eastern Water Reclamation Facility Phase I/II Internal Recirculation Pump

Therefore, the spare pump set needs to be of the same manufacturer and model so that required foot print and dimensions and fittings are the same. The existing internal recirculation pumps are Morris Pumps, manufactured by Grundfos Pumps Corporation. In addition, the existing motor and assembly frame will be reused with the new pumps, eliminating additional expense. Utilities Engineering verified the price with previous purchases and confirmed it is a fair and reasonable price.

Further cost savings will be realized by using Water Reclamation Division staff to perform the replacement pump installations.