



APPROVED
BY ORANGE COUNTY BOARD
OF COUNTY COMMISSIONERS
JAN 13 2015 CS/BS

December 23, 2014

To: Mayor Teresa Jacobs
and the Board of County Commissioners

From: *CW* for Johnny M. Richardson, Manager, Procurement Division

Contact: Larry G. Tunnell, P.E., P.G., Manager, Utilities Water Reclamation Division
407-245-9685

Subject: Approval of Purchase Order M71732, Purchase of Supplemental Disk Filter
for South Water Reclamation Facility

ACTION REQUESTED:

Approval of Purchase Order M71732, Purchase of Supplemental Disk Filter for South Water Reclamation Facility, with Aqua-Aerobic Systems, Inc., in the contract award amount of \$288,893.

PROCUREMENT:

For the purchase of a supplemental disk filter for the treatment of the plant effluent at the South Water Reclamation Facility.

FUNDING:

Funding is available in account number 4420 038 1555 01 6310.

APPROVALS:

The Utilities Department concurs with this recommendation.

REMARKS:

This will provide for the procurement of a supplemental disk filter for the treatment of the plant effluent and to maintain permit compliance during repairs to existing filters and during high flow events. Recent failures of existing filtration systems necessitate the procurement of this additional unit to allow continued treatment.

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The existing South Water Reclamation Facility south train travelling bridge filters are beyond their useful lives and are experiencing frequent failures. A project has been initiated to design, bid and construct the needed improvements; however this process will require a minimum of six-months. This Aqua-Aerobic Systems, Inc. skid mounted disk filter can be delivered quickly and will allow continued effluent treatment and maintain FDEP permit compliance during the time the existing filters are out of service. In addition the South Water Reclamation Facility has standardized around this manufacturer, and plant staff are familiar with the operation and maintenance.

The cost was determined to be fair and reasonable by the Utilities staff when compared to recent like purchases by Point Washington, FL of \$320,424 and BASF GWTS, NJ of \$349,000.