



INDIAN RIVER COUNTY, FLORIDA DEPARTMENT OF UTILITY SERVICES

Date: May 5, 2017

To: Jason E. Brown, County Administrator

From: Vincent Burke, P.E., Director of Utility Services

Through: Jennifer Hyde, Purchasing Manager

Prepared By: Terry Southard, Operations Manager, Utility Services

Subject: West Regional Wastewater Treatment Facility Filter Replacement

BACKGROUND/ ANALYSIS:

In 1996, Indian River County Department of Utility Services (IRCDUS) expanded the West Regional Wastewater Facility (WWTF) and installed the Aqua-Aerobic System Bridge Filter. The filter polishes the final effluent water to ensure that the total suspended solids and turbidity is in compliance with the Florida Department of Environmental Protection (FDEP) treatment requirements and is a permit requirement for reuse to public access such as golf courses. Over the last 21+ years, the equipment received routine maintenance that has helped it exceed its normal service expectation of 15-20 years. The filter is in need of total rehabilitation to continue treating the effluent water before going to reuse sites. This is a sole source item due to the structure being built for Aqua-Aerobic Systems Inc. 12.5'x 42' AquaABF Traveling Bridge Filter. Aqua-Aerobic Systems Inc. is the exclusive original equipment manufacturer (OEM) municipal representative.

FUNDING:

Funds for this project are derived from the Renewal and Replacement (R&R) operating funds. Operating funds are generated from water and sewer sales.

| Description | Account Number | Amount |
|---------------------------------------|-----------------------|--------------|
| West Regional WWTF Filter Replacement | 47123536-044699-17524 | \$132,185.00 |

RECOMMENDATION:

The staff of IRCDUS recommends that the Board of County Commissioners (BCC) waive the requirement for bids and authorize the Purchasing Division to issue a purchase order to Aqua-Aerobic Systems Inc. for \$132,185.00 .

ATTACHMENTS:

1. Aqua-Aerobics System Proposal Number 140380
2. Sole Source Letter, Aqua-Aerobics System Inc. OEM