

Indian River County, Florida  
Department of Utility Services  
Board Memorandum

**Date:** December 22, 2020

**To:** Jason E. Brown, County Administrator

**From:** Vincent Burke, PE, Director of Utility Services

**Through:** Jennifer Hyde, Purchasing Manager

**Prepared By:** Terry Southard, Operations Manager, Utility Services  
Rich Meckes, Wastewater Superintendent

**Subject:** Sole Source for Aqua Aerobic Systems Inc.

**Background/Analysis:**

In 1999, the Indian River County Department of Utility Services (IRCDUS) installed and started operations of the Aqua Aerobic Systems Equipment Traveling Bridge Filters #1 and #2 located at the South Regional Wastewater Facility. The filters are designed to polish the treated effluent from the clarifiers and produce a cleaner effluent for further treatment and eventual discharge to the reuse system. This vital process equipment is required to ensure that the facility is in compliance with the Florida Department of Environmental Protection (FDEP) treatment requirements as well as the health and safety of our environment.

Over the last 21+ years, the equipment received routine maintenance, but the equipment is now in need of refurbishment. The refurbishment will consist of internal porous plates, underwater components, launders, filter media, backwash shoes, wash water backwash, skimmer pumps and a new drive train on the existing bridges. This work has a one-year warranty period from the date of completion and will extend the useful life of these units.

Aqua Aerobic Systems Inc. is the sole source factory authorized maintainer/installer for service and repair for Aqua Aerobic Systems Equipment Traveling Bridge Filters #1 and #2. Aqua Aerobic Systems has provided Service Proposal #159824 for a cost of \$453,776.00.

On December 1, 2020, Envirosales of Florida was approved by the Indian River County Board of County Commissioners (BCC) as the exclusive sole source representative for Aqua Aerobic parts and equipment. Envirosales is not the sole source for service maintenance or installation of Aqua Aerobic Systems equipment, thus this agenda seeks BCC approval for the installation services.

The project as described above is the complete and total rehabilitation of the Aqua Automatic Backwash Filter (AquaABF) system. Aqua Aerobic Systems Inc. is the sole source original equipment manufacturer and authorized maintainer/installer of the AquaABF equipment.

**Funding:**

Funds for this project are available in the Utilities Wastewater Treatment Renewal and Replacement (R&R) budget in the Utilities Operating Fund. Utilities operating funds are generated from water and sewer sales.

<b>Description</b>	<b>Account Number</b>	<b>Amount</b>
South WWTF Filters #1 & #2	47121836-044699-21505	\$453,776.00

**Recommendation:**

Staff recommends that the Board of County Commissioners approve Aqua Aerobic Systems Inc. as the sole source for Aqua Aerobic Systems equipment and factory authorized service and repair, and waive the requirement for bids for this and any other Aqua Aerobic Systems equipment services, and authorize the Purchasing Division to issue a purchase order to Aqua Aerobic Systems Inc. for \$453,776.00.

**Attachments:**

1. Aqua Aerobic Systems Inc. Service Proposal #159824
2. Sole Source Letter, Aqua Aerobic Systems Inc. Equipment