

Indian River County, Florida  
Department of Utility Services  
Board Memorandum

**Date:** July 1, 2019

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

**Through:** Vincent Burke, PE, Director of Utility Services  
Jennifer Hyde, Purchasing Manager

**From:** Terry Southard, Operations Manager

**Subject:** Sole Source Equipment Vendors

**Background:**

Many of the key pieces of equipment located at the water and wastewater treatment plants are highly specialized and designed for a specific application. Typically, major components and repair parts for the specialized equipment/specific application are provided by a sole source.

**Discussion:**

In order to facilitate consistency at the water and wastewater treatment plants, the Indian River County Department of Utility Services (IRCDUS) would like to standardize the items listed in the table to avoid any re-engineering of the equipment base, electrical connections or plumbing. The items detailed below represent tested and proven products that provide for an efficient operating system.

The vendors and products requested for sole source are shown in the table below. Current memos from each manufacturer describing their sole source for our purposes are on file in both IRCDUS and the Purchasing Division.

Legend for Tables

WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant
WW Collection	Wastewater Collection

## Departmental Item

### Sole Source Requests

<i><b>Manufacturer</b></i>	<i><b>Vendor</b></i>	<i><b>Specific Material/equipment</b></i>	<i><b>Used in what system</b></i>	<i><b>Justification for sole source</b></i>	<i><b>Estimated Expenditures over next 5-Years</b></i>
Duall	CECO Environmental dba HEE-Duall	Corrosion resistant fans, odor control blowers, pumps and degasification systems	WTPs	Existing fans at both plants; sole source enables repairs rather than requiring full replacement and enables consistency	\$50,000.00
Detroit Diesel	Florida Detroit Diesel	Generator Power	WTP, WWTPs, Lift Station	Stand-by generators for power during times off power outages	\$50,000.00
Cummins Generators	Cummins Power South	Stand-by Generator Power	WTP, WWTPs, Lift Station	Stand-by generators for power during times off power outages	\$100,000.00
Hydac	HC Warner	Equipment to remove sand from wells before entering treatment process	WTPs	HC Warner is sole provider for Hydec equipment	\$25,000.00
ProMinent Pumps	TriNova	Chemical pumps for acid and chlorine	WTPs	Facilities have been designed with ProMinent pumps and equipment any other equipment would require a change in foot print piping	\$50,000.00
Rotork Valves	Fluid Control Specialties	SCADA controlled valve control water flow to RO membrane system	WTPs	Fluid Control Specialties is sole provider for Rotork Equipment	\$75,000.00
Fybroc Pumps	Klein Pumps	Pumps used in odor control system to pump chemical water into scrubber towers	WTPs	Klein Pumps is sole provider for Fybroc Pumps	\$100,000.00
Andritz	Andritz	Rotating Drum Thickener	WWTPs	Sole source provider for RDT, RST sludge Thickener	\$400,000.00
Endress+Hauser	TriNova Inc.	Pressure Sensors and Flow Products	WWTPs / WTPs	Sole source for flow, level, pressure and temperature sensors	\$25,000.00

## Departmental Item

<b><i>Manufacturer</i></b>	<b><i>Vendor</i></b>	<b><i>Specific Material/equipment</i></b>	<b><i>Used in what system</i></b>	<b><i>Justification for sole source</i></b>	<b><i>Estimated Expenditures over next 5-Years</i></b>
Hydro International (Eutek and Hydro Brands)	Hydro International	Grit Management Products Head Cell, Grit Cleanse and Grit Snail	WWTPs	Sole Source for Parts and Service for Hydro International	\$150,000.00
UGSI Chemical Feed / Polyblend	Moss Kelley Inc.	Chemical Feed Systems	WWTPs	Sole Source for Parts and Service for UGSI Chemical Feed systems and Polyblend Feed systems	\$25,000.00
Quincey Compressor	Quincey Compressor	Air Compressor's	WWTPs	Sole Source for parts and service	\$20,000.00
Allen Bradley	Rexel	Programable Logic Controllers and Variable Frequency Drives	WWTPs	Sole Source for Parts and Service	\$50,000.00
Smith & Loveless	Sanders Company	Pista Grit. Grit Removal and Grit Pumps	WWTPs	Sole Source for Parts and Service	\$100,000.00
Fairbanks Nijhuis	Sanders Company	Vertical Turbine Pumps and Vortex Pumps	WWTPs	Sole Source for Parts and Service	\$200,000.00
AUMA Actuators	Instrument Specialties Inc.	AUMA Valve Actuators	WWTPs	Sole Source for Parts and Service	\$35,000.00
Emerson (Rosemont Measurement Brand)	Fluid Control Specialties	Pressure, Flow and Level Measurement Devices	WWTPs / WTPs	Sole Source for Parts and Service	\$100,000.00
Crane Pumps and Systems	Hudson Pump	Pumps and Pumping Systems	WWTPs	Sole Source for Parts and Service	\$100,000.00
Gorman-Rupp	Hudson Pump & Equipment	Pumps and Pumping Systems	WWTPs / WTPs	Sole Source for Parts and Service	\$100,000.00
Gould's Pump	Hudson Pump & Equipment	Pumps and Pumping Systems	WWTPs / WTPs	Sole Source for Parts and Service	\$100,000.00

## Departmental Item

<b><i>Manufacturer</i></b>	<b><i>Vendor</i></b>	<b><i>Specific Material/equipment</i></b>	<b><i>Used in what system</i></b>	<b><i>Justification for sole source</i></b>	<b><i>Estimated Expenditures over next 5-Years</i></b>
Walker Process Equipment	DPS Services	Secondary Clarifiers and Collection systems	WWTPs	Sole Source for Parts and Service	\$150,000.00
Aqua Aerobic Systems Inc.	Envirosales Inc.	Aeration and Mixing systems	WWTPs	Sole Source for Parts and Service	\$200,000.00
CAL-FLO Lime System	Burnett Lime	Lime Slurry Pumps	WTPs	Sole Source for Parts and Service	\$25,000.00
National Pump Company	Barney's Pumps	2 of 4 Spoonbill Pumps	WTPs	Sole Source for Parts and Service	\$210,000.00
Watertronics Pumps and Equipment	Watertronics	2 of 4 Spoonbill Pumps and equipment parts and piping.	WTPs	Sole Source for Parts and Service	\$50,000.00
Indusco Odor Control Equipment	Indusco Environmental	North County Water Plant Odor Control Equipment	WTPs	Sole Source for Parts and Service	\$200,000.00
Kaeser	Air Compressor Works	Compressed Air/Compliance	WTPs	Sole Source for Parts and Service	\$20,000.00
AutoMaxx	Flowserve	Actuators on Boosters	WTPs	Sole Source for Parts and Service	\$10,000.00
Durco	Carter/Verplanck	Booster Pumps	WTPs	Sole Source for Parts and Service	\$50,000.00
Layne/Vertilyne PentAir	Barney's Pump	Transfer Pumps	WTPs	Sole Source for Parts and Service	\$75,000.00
CLA-Val	Barney's Pump	Check/Control Valves	WTPs	Sole Source for Parts and Service	\$30,000.00
Tradewinds Power	Tradewinds Power Corporation	Emergency Generator Power	WTP, WWTPs, Lift Station	Sole Source for Parts and Service	\$150,000

**Departmental Item**

<b><i>Manufacturer</i></b>	<b><i>Vendor</i></b>	<b><i>Specific Material/equipment</i></b>	<b><i>Used in what system</i></b>	<b><i>Justification for sole source</i></b>	<b><i>Estimated Expenditures over next 5-Years</i></b>
Rexa Valve	Pro-Co Incorporated	Automatic Flow Valves	WW Collections	Sole Source for Parts and Service	\$20,000
Cues	Cues	CCTV Pipe Inspection Cameras	WW Collections	Sole Source for Parts and Service	\$40,000
Vac-Con	Southern Sewer	Repair Service (3) Vacuum Trucks	WW Collections	Sole Source for Parts and Service	\$50,000
MicroC	EOSi	Treatment Chemicals	WWTPs	Sole Source	\$1,675,000

**Funding:**

Funds for these repairs will vary depending on the item use and location. Typically, these items are budgeted as operating fund capital items or replacement and renewal (R&R) items in the operating fund. Operating funds are derived from water and sewer sales.

**Recommendation:**

Staff recommends the Board of County Commissioners declare the vendors listed above as sole source for the specific materials requested and authorize the Purchasing Division to issue purchase orders as needed in lieu of formal bids or quotes.