



INDIAN RIVER COUNTY, FLORIDA DEPARTMENT OF UTILITY SERVICES

Date: July 27, 2018

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
Rich Meckes, Wastewater Superintendent

Subject: Emergency Repair of the South County Wastewater Treatment Facility Self Cleaning Bar Filter Screen

BACKGROUND/ ANALYSIS:

In April of 1998, the South County wastewater treatment facility installed and started operations of the Aqua Guard Bar Screen to remove unwanted debris from the raw sewage flow stream before it enters the treatment process. In 2009, the Board of County Commissioners (BCC) approved the Indian River County Department of Utility Services (IRCDUS) request to refurbish and rebuild the Aqua Guard Equipment for a cost of \$44,219.00. This equipment once again needs reconditioning. This vital process equipment is required to ensure the facility is in compliance with the Florida Department of Environmental Protection (FDEP) permit requirements for the health and safety of our environment.

Over the last 9+ years, the equipment received routine maintenance, but the equipment has failed and needs refurbishment. IRCDUS planned and budgeted to have this equipment refurbished during the 2018-2019 fiscal year but the equipment has failed. With the failure of the Bar Filter Screen, staff is manually cleaning the screen. This is often a problematic process. Due to the specific nature of the equipment and the design of the headworks structure, the Aqua Guard equipment refurbishment and parts are a sole source. Parkson Corporation is the original manufacturer/ supplier of the Aqua Guard Self Cleaning Bar Filter Screen and is the only source for Original Equipment Manufacturer (OEM) replacement parts service and repair.

The Assistant County Administrator authorized the issue of an emergency purchase order to expedite the timeliness of the repair. Emergency purchase order #81153 was issued July 31, 2018, for the purchase of the parts at a cost of \$49,662.00. The emergency purchase order was requested due to the critical need at the facility and the eight-week lead time for these specialized parts. In addition to the \$49,662.00 that was approved as an emergency item, another \$19,540.00 is needed for the installation.

FUNDING:

Funds for the parts purchase were made available in the Fiscal Year (FY) 2017-2018 Renewal and Replacement (R&R) account. Since there is a significant lead time needed for these items, it is likely

that the parts will not be received before the end of FY 2017-2018. Therefore, staff requests that the \$49,662.00 from FY 2017-2018 be rolled into FY 2018-2019. The \$19,540.00 remaining funds will come from the FY 2018-2019 R&R budget, providing the R&R FY 2018-2019 budget is approved as requested.

Description	Account Number	Amount
S WWTF Headworks FY 2017-2018	47123536-044699-18533	\$49,662.00
S WWTF Headworks FY 2018-2019	47123536-044699-18533	\$19,540.00

RECOMMENDATION:

The staff of Indian River County Department of Utility Services (IRCDUS) recommends that the Board of County Commissioners (BCC):

- Approve Parkson Corporation as the sole source vendor for Aqua Guard Self Cleaning Bar Filter Screen equipment for this purchase and any future needs for repair of the county’s bar filter screen equipment.
- Authorize the Purchasing Division to increase purchase order 81153 to Parkson Corporation to a total of \$69,202.00 to cover the full cost of the project.
- Authorize the Chairman to execute the Standard Conditions of Sale included in Parkson’s quote, after review and approval by the County Attorney as to form and legal sufficiency.
- Approve the rollover of funds allocated in the 2017-2018 Renewal and Replacement (R&R) Operating budget to the 2018-2019 R&R Operating budget to complete the project as described in the Parkson Quote No. B02011086.

ATTACHMENTS:

1. Parkson Corporation Quote No. B02011086 Rev 3
2. Sole Source Letter, Parkson Corporation