



**INDIAN RIVER COUNTY, FLORIDA  
DEPARTMENT OF UTILITY SERVICES**

**Date:** August 9, 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:** Sole Source for Kruger/Oxidation Systems

**BACKGROUND/ ANALYSIS:**

Presently, both the Central Wastewater Treatment Facility (WWTF) and the South WWTF utilize oxidation systems manufactured by Kruger. The equipment provides aeration and mixing of the bio mass to ensure that the facility is in compliance with the Florida Department of Environmental Protection’s (FDEP’s) treatment requirements. Presently, the gear box (also referred to as drive system) portion of the 17-year-old system at the Central WWTF is in need of repair or replacement. Kruger is the sole engineering design proprietor of the Kruger/Oxidation Ditch System. Staff received both repair and replacement quotes for the gear box. Repair of the unit is estimated to be \$31,967.45 and replacement is \$35,727.65. Since the cost of replacing the 17-year-old gear box is only slightly higher than repairing it, replacement of the gear box is recommended.

Costs for ongoing operational maintenance and equipment was \$53,229 in FY15/16 and \$30,647 for year-to-date FY16/17. Expenditures to cover the remainder of the year are expected to be \$35,727.65.

**FUNDING:**

Funds for this repair/replacement are derived from the Central WWTF Gearbox account in the Renewal and Replacement account in the operating fund. Operating funds are generated from water and sewer sales.

Description	Account Number	Amount
Central WWTF Gear Box Replacement	47123536-044699-16517	\$35,727.65

**RECOMMENDATION:**

The staff of Indian River County Department of Utility Services recommends that the Board of County Commissioners approve Kruger as the sole source provider for Kruger/Oxidation Systems, as well as for any necessary factory maintenance, waive the requirement for bids, and authorize the Purchasing Division to issue purchase orders to Kruger as needed.

**ATTACHMENTS:**

1. Kruger Quote No. 042517b rev3
2. Sole Source Letter, Kruger OEM