

Indian River County, Florida
Department of Utility Services
Board Memorandum

Date: February 22, 2021

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
Richard Meckes, Wastewater Superintendent

Subject: South Wastewater Treatment Facility FDEP Permit Renewal

Background/Analysis:

The existing South Wastewater Treatment Facility (SWWTF) operates under Florida Department of Environmental Protection (FDEP) permit number FLA010435, which expires April 23, 2022. Rule 62-620.335 of the Florida Administrative Code (FAC) requires that all wastewater treatment facilities renew the FDEP operating permit every five to ten years, depending on permit limitations. Applications for permit renewal must be submitted to the appropriate FDEP office at least 180 days prior to the expiration of the FDEP Permit. Therefore, the renewal application for the Indian River County SWWTF is due on, or before, October 23, 2021. The SWWTF annual average daily flow (AADF) influent flows through January 2021 are approaching 0.800 million gallons per day (mgd). The facility has a 2.0 mgd permitted capacity, and no increase in treatment plant capacity is proposed for this facility. The SWWTF provides service to the South County service area as well as the East Central mainland area of the County. Effluent from this facility is pumped to the county-wide slow-rate public access reuse system that supplies reuse water to the Indian River Club Golf Course and the West Regional Wetlands Treatment System.

Under their Continuing Consulting Engineering Services contract approved April 17, 2018, MBV and Associates, Inc., (MBV) has provided a proposal, Work Order #20 for a lump sum not to exceed \$24,500, to prepare and submit an application for permit renewal, and respond to requests for additional information (RAI) from FDEP that may arise as a result of the application submittal. The intent is to submit the application for review to Indian River County Department of Utility Services (IRCDUS) staff by September 23, 2021. After approval by IRCDUS, the renewal application and supporting documentation will be submitted by MBV to FDEP six months prior to its expiration date on, or before, October 23, 2021, in order to allow for FDEP agency review and Request for Additional Information (RAI) response time.

Funding:

Funds for the SWWTF Permit Renewal are budgeted in the Other Professional Services account in the Utilities operating funds. Utilities operating funds are generated from water and sewer sales.

Description	Account Number	Total Budget
Other Professional Services	47121836-033190	\$ 24,500

Recommendation:

It is staff's recommendation that the Board of County Commissioners approve the following:

- a) Approve MBV Engineering, Inc., proposal Work Order No. 20 in the amount of \$24,500 to prepare and submit the South Wastewater Treatment Facility permit renewal package.

Attachments:

1. MBV Proposal Engineer's Work Order #20