

Indian River County, Florida
Department of Utility Services
Board Memorandum

Date: November 15, 2022
To: Jason E. Brown, County Administrator
From: Sean C. Lieske, Director of Utility Services
Prepared By: Michael Loveday, Wastewater Superintendent
Subject: Central Wastewater Treatment Facility FDEP Permit Renewal

Background/Analysis:

The existing Central Wastewater Treatment Facility (CWWTF) operates under Florida Department of Environmental Protection (FDEP) permit number FLA010431, which expires March 29, 2024. 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 CWWTF is due on, or before, September 29, 2023. The CWWTF annual average daily flow (AADF) influent flows through October 2022 are approaching 2.2 million gallons per day (MGD). The facility is a 4.0 MGD permitted capacity and thus, no increase in treatment plant capacity is proposed for this facility. The CWWTF provides service to the North 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 multiple customers in the north county mainland and barrier island areas.

The County desires to utilize MBV and Associates, Inc., (MBV), via the Continuing Consultant Engineering Services Agreement for Professional Services entered into on April 17, 2018 and extended on May 7, 2021, to provide engineering services to prepare and submit the permit renewal application and respond to requests for additional information (RAI) from FDEP. The intent is to submit the application to Indian River County Department of Utility Services (IRCDUS) staff by July 31, 2023, for review and approval. After approval by IRCDUS, the renewal application and supporting documentation will be submitted by MBV to FDEP by the September 29, 2023, deadline.

Funding:

Funds in the amount of \$36,750 for the CWWTF permit renewal are in the Utilities/WW Treat/Other Professional Services account, number 47121836-033190, which are part of the Utilities operating funds. Utilities operating funds are generated from water and sewer sales.

| Description | Account Number | Total Amount |
|--|-----------------|--------------|
| Utilities/WW Treat/Other Professional Services | 47121836-033190 | \$ 36,750.00 |

Recommendation:

It is staff's recommendation that the Board of County Commissioners approve MBV Engineering, Inc.'s proposed Engineer's Project Work Order #27 in the amount of \$36,750.00 to prepare and submit the Central Wastewater Treatment Facility permit renewal package, and authorize the Chairman to execute the work order.

Attachments:

1. MBV Proposal-Engineer's Work Order #27