

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: April 21, 2022

To: Jason E. Brown, County Administrator

From: Sean C. Lieske, Director of Utility Services

Prepared by: Harrison Youngblood, PE, Utilities Engineer

Subject: Work Order No. 8, Kimley-Horn and Associates, North County Water Plant 2023 Discharge Permit Renewal

Background/Analysis:

Indian River County Department of Utility Services (IRCDUS) operates the North County Water Treatment Facility (NCWTF) located at the northwest corner of Hobart Road (77th Street) and 58th Avenue. The plant is currently permitted for 11.44 million gallons per day (MGD), based on the existing industrial wastewater facility permit for demineralized concentrate disposal rated for 2.0 MGD maximum daily flow. The current Florida Department of Environmental Protection (FDEP) Permit No. FL0166511-006-IW5A/NR will expire on July 23, 2023, and IRCDUS desires to request an uprating to 3.0 MGD, and renew the operating permit in a timely manner. The renewal application and fees are due to be submitted to FDEP 180 days prior to the expiration date, or by January 24, 2023. The application process can take up to six months, and therefore, should be started before June 2022.

Staff requested that Kimley-Horn and Associates (KHA) submit a proposal to prepare and submit the FDEP renewal application for the existing NCWTF discharge permit. The scope of the renewal requirements is more specifically described in the attached Work Order No. 8, which is in accordance with the Agreement for Professional Services for Water Plant and Water Resources Engineering Services - Request for Quote (RFQ) 2019070 dated November 5, 2019. The total negotiated cost for the permit renewal is \$68,910, plus a permit application fee of \$6,000 paid directly by IRCDUS. On September 30, 2022, \$34,455 will be due, with the remaining \$34,455 due by December 30, 2022. KHA will prepare two copies of the permit package to be submitted to the FDEP Southeast District.

Funding:

Funding, in the amount of \$34,455, for Work Order No. 8, for this fiscal year's portion (FY 2021/2022) is available in Utilities/Spoonbill/Other Professional Services, account number 47129236-033190, in the Utilities operating fund. Funding, in the amount of \$34,455, for Work Order No. 8, for next fiscal year's portion (FY 2022/2023) will be budgeted in Utilities/Spoonbill/Other Professional Services, account number 47129236-033190, in the Utilities operating fund. Funding, in the amount of \$6,000, for the permit application fee due in December 2022 will be budgeted and available in Utilities/Spoonbill/Licenses & Permits, account number 47129236-034970. Utilities operating funds are derived from water and sewer sales.

Consent Item

Description	Account Number	Amount
Utilities/Spoonbill/Other Professional Services FY 21/22	47129236-033190	\$34,455
Utilities/Spoonbill/Other Professional Services FY 22/23	47129236-033190	\$34,455
Utilities/Spoonbill/Licenses & Permits FY 22/23	47129236-034970	\$ 6,000

Recommendation:

Staff recommends that the Board of County Commissioners approve Work Order No. 8 with Kimley-Horn and Associates, Inc., for the amount of \$34,455 for this fiscal year's portion (FY 2021/2022), and the amount of \$34,455, which will be paid in FY 2022/2023, along with the \$6,000 permit application fee in FY 2022/2023, and authorize the Chairman to execute the same, as presented.

Attachment:

Work Order No. 8 – Kimley-Horn and Associates