



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

Date: March 31, 2019
To: Jason E. Brown, County Administrator
From: Vincent Burke, P.E., Director of Utility Services
Prepared By: Terry Southard, Operations Manager
Subject: Work Order No. 12 with Kimley Horn for Design, Procurement and Construction Administration to Replace the Degasifier/Scrubber Blower (Odor Control System) at the South County Water Treatment Plant

DESCRIPTIONS AND CONDITIONS:

Indian River County Department of Utility Services (IRCDUS) operates the South County RO Water Treatment Plant (WTP) located at 1550 9th Street SW, Vero Beach.

A condition assessment of the facility was conducted recently by Arcadis as a part of the County’s asset management program. During this assessment, it was found that the Degasifier/Scrubber Blower (Odor Control System) was found to be in poor condition due to environmental corrosion, and is recommended for replacement.

ANALYSIS:

In February 2019, staff requested Kimley Horn submit a proposal for professional engineering services to remedy the Degasifier Scrubber Blower Replacement at the South County Water Plant.

Per the Continuing Consulting Engineering Services Agreement for professional engineering services dated April 17, 2018, Kimley-Horn submitted a proposal for design, bidding assistance and construction management services. Kimley-Horn has submitted Work Order No. 12, which includes providing professional services for design, specifications/bid documents, and construction observation in relation to the Degasifier/Scrubber Blower Replacement at the South County WTP. The total negotiated cost for the professional services is a sum amount of \$ 29,937.

The engineer’s estimated construction cost for these improvements covered in the Scope of Work for Work Order No. 12 is approximately \$130,000.00. Construction will be budgeted in Fiscal Year (FY) 2019/2020.

FUNDING:

Funds for this project are derived from the renewal and replacement budget in the operating fund. Operating funds are generated from water and sewer revenues.

Description	Account Number	Amount
SWWTF Odor Control Equipment Replacement	47123536-044699-19519	\$29,937.00

RECOMMENDATION:

Staff recommends that the Board of County Commissioners approve Work Order No. 12 with Kimley-Horn, in the amount of \$29,937.00, for professional services that include design, specifications/bid documents, and construction observation services to replace the Degasifier/Scrubber Blower (Odor Control System) at the South County Water Treatment Plant, and authorize the Chairman to execute said work order on their behalf.

ATTACHMENT(s):

1. Work Order No.12: Degasifier/Scrubber Blower Replacement (6 Pages)