

**Indian River County, Florida
Solid Waste Disposal District
Board Memorandum**

Date: June 13, 2024

To: Solid Waste Disposal District Board of Commissioners

Through: John A. Titkanich, Jr., County Administrator
Sean C. Lieske, Director of Utility Services

Prepared By: Himanshu H. Mehta, PE, Managing Director, Solid Waste Disposal District

Subject: Work Order No. 12 to Kimley-Horn for Various Landfill Improvement Projects

Descriptions and Conditions:

The Solid Waste Disposal District (SWDD) has authorized various landfill improvement projects to Kimley-Horn and Associates, Inc. (KHA) to provide engineering services for the Landfill Gas Pipeline Extension and Skid Improvements project, the Yard Waste Driveway Improvements project, the Leachate Storage Tank improvements project, and the Automated Scale Improvements project.

In lieu of requesting amendments to the various projects, staff requested KHA to provide a separate work order to help facilitate the completion and closure of these projects.

Staff received Work Order No. 12 from KHA for these additional services and recommends approval from the SWDD Board.

Analysis:

KHA has prepared Work Order No. 12, provided in Attachment 1, for engineering services detailing the scope of work, budget, and schedule for each of the tasks. The fees to be paid by SWDD for the execution of this work authorization are in accordance with the Continuing Contract Agreement for Professional Services (CCNA), dated May 2, 2023.

PHASE 1	DESCRIPTION	TOTAL AMOUNT
Task 1	Leachate Tank Control Panel	\$7,539
Task 2	Yard Waste Driveway Improvements	\$28,350
Task 3	Automated Scale Improvements	\$9,744
Task 4	Canal Regrading and Permitting	\$19,362
Task 5	Swale Modifications and Permitting	\$47,628
Task 6	SCADA Coordination (Not-to-Exceed)	\$10,836
TOTAL =		\$123,459

Funding:

Funding for the various SWDD landfill improvement projects totaling \$123,459 are budgeted and available as described below.

The leachate tank control panel work will be recorded in the SWDD/Leachate Pre-Treatment System account, number 411-169000-19507, for a total amount of \$7,539, which is funded from SWDD assessments and user fees.

The yard waste driveway improvements, canal regrading and permitting, and swale modifications and permitting work will be recorded in the SWDD/Landfill Interior Roadway/Drainage account, number 411-169000-20031, for a total amount of \$95,340, which is funded from SWDD assessments and user fees.

The automated scale improvement work will be recorded in the SWDD/Landfill Automated Scale System account, number 411-169000-22001, for a total amount of \$9,744, which is funded from SWDD assessments and user fees.

The Landfill Gas Flare Skid Improvements are considered a “closure activity” and, as such, is funded from an escrow account long established per Florida Department of Environmental Protection (FDEP) requirements, SWDD/Accrued Closure – I, II & Infill account, number 411-239006, for \$10,836.

Account Name	Account Number	Amount
SWDD/WIP/Leachate Pre-Treatment System	411-169000-19507	\$7,539
SWDD/Landfill Interior Roadway/Drainage	411-169000-20031	\$95,340
SWDD/WIP/Landfill Automated Scale System	411-169000-22001	\$9,744
SWDD/Accrued Closure – I, II & Infill (Escrow)	411-239006	\$10,836
Total		\$123,459

Recommendation:

Solid Waste Disposal District staff recommends that its Board approve Work Order No. 12 with Kimley-Horn and Associates, Inc. for \$123,459, to provide engineering services related to the various landfill improvement projects; and authorize the Chairman to execute the same, as presented.

Attachment:

Work Order No. 12 – KHA