

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

Date: December 9, 2022

To: Jason E. Brown, County Administrator

From: Sean C. Lieske, Director of Utility Services

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

Subject: Amendment No. 2 to Work Order No. 47 to Kimley-Horn and Associates for Roadway and Drainage Improvements at the IRC Landfill

Descriptions and Conditions:

On November 16, 2021, the Solid Waste Disposal District (SWDD) approved Work Order No. 47 to Kimley-Horn and Associate, Inc. (KHA) to provide engineering services related to the Roadway and Drainage Improvements project for a cost of \$37,060. On July 12, 2022, the SWDD approved Amendment No. 1 to Work Order No. 47 for \$8,580 for additional design work and construction services.

A pre-application meeting with Indian River Farms Water Control District (IRFWCD) indicated that additional improvements will be required for the roadway crossing of the canal, including the full replacement of the culvert, additional drainage improvements, canal restoration and regrading of the entire northern bank of the canal within the project limits. These improvements will be required in order to obtain the necessary IRFWCD permits for the project. This amendment provides for additional design, survey and construction administration services associated with the required modifications.

Staff received the attached Amendment No. 2 from KHA for \$29,600 for these additional services, which will bring the total contract to \$75,240. Since these changes are necessary to receive approval from IRFWCD, staff is recommending approval from the SWDD Board.

Analysis:

KHA has prepared Amendment No. 2 to Work Order No. 47, per the Continuing Consulting Engineering Services Agreement for Professional Services, for engineering services detailing the scope of work, budget, and schedule for each of the tasks. The tasks are listed below showing the scope and their estimated fees.

<i>Task</i>	<i>DESCRIPTION</i>	<i>Original Amount</i>	<i>Amendment No. 1</i>	<i>Amendment No. 2</i>	<i>Revised Amount</i>
Task 1	Landfill Roadway Improvements	\$21,050	\$ 0	\$17,280	\$38,330
Task 2	Drainage Improvements	\$ 7,480	\$4,320	\$12,320	\$24,120
Task 3	Site Plan Coordination	\$ 8,530	\$4,260	\$0	\$12,790
TOTAL FEE =		\$37,060	\$8,580	\$29,600	\$75,240

The three phases outlined above provide a turnkey engineering project from design, permitting, procurement, to construction services.

Funding:

Funding for the SWDD Landfill Road Improvement project is budgeted and available in the SWDD/Landfill Interior Roadway/Drainage account, number 411-169000-20031, which is funded from SWDD assessments and user fees. The amount of \$17,280 for KHA Work Order 47 will be drawn from this account. The Landfill Drainage and Site Plan portion of the project is part of the Leachate Pre-Treatment System, which is budgeted and available in the SWDD/Leachate Pre-Treatment System account, number 411-169000-19507, which is also funded from SWDD assessments and user fees. The amount of \$12,320 for KHA Work Order 47 will be drawn from this account.

Description	Account Number	Amount
SWDD/Landfill Interior Roadway/Drainage	411-169000-20031	\$17,280
SWDD/Leachate Pre-Treatment System	411-169000-19507	\$12,320
	Total	\$29,600

Recommendation:

Solid Waste Disposal District staff recommends that its Board approve Amendment No. 2 to Work Order No. 47 with Kimley-Horn and Associates, Inc. for \$29,600, with an amended overall total of \$75,240, to provide engineering services related to the Roadway and Drainage Improvements at the Indian River County Landfill, and authorize the Chairman to execute the same, as presented.

Attachment:

1. Amendment No. 2 to Work Order No. 47 – KHA