

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

**Date:** July 1, 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. 1 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.

As the design of the drainage improvements progressed, SWDD staff requested a modification to add a weir structure to an existing swale that was not originally accounted for in the design effort. This amendment provides for additional design and construction observation services associated with the weir structure, and minor revisions to the stormwater design. In addition, the site plan permitting process has required slightly more coordination with the teams designing the various ongoing projects than initially anticipated.

Staff received the attached Amendment No. 1 from KHA for these additional services and recommends approval from the SWDD Board.

**Analysis:**

KHA has prepared Amendment No. 1 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>Revised Amount</i>
Task 1	Landfill Roadway Improvements	\$21,050	\$ 0	\$21,050
Task 2	Drainage Improvements	\$ 7,480	\$4,320	\$11,800
Task 3	Site Plan Coordination	\$ 8,530	\$4,260	\$12,790
<b>TOTAL FEE =</b>		<b>\$37,060</b>	<b>\$8,580</b>	<b>\$45,640</b>

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, for a total amount of \$120,000, which is funded from SWDD assessments and user fees. The amount of \$21,050 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, for a total amount of \$600,000, which is also funded from SWDD assessments and user fees. The amount of \$24,590 for KHA Work Order 47 will be drawn from this account.

<b>Description</b>	<b>Account Number</b>	<b>Amount</b>
SWDD/Landfill Interior Roadway/Drainage	411-169000-20031	\$21,050
SWDD/Leachate Pre-Treatment System	411-169000-19507	\$24,590
	<b>Total</b>	<b>\$45,640</b>

**Recommendation:**

Solid Waste Disposal District staff recommends that its Board approve Amendment No. 1 to Work Order No. 47 with Kimley-Horn and Associates, Inc. for \$8,580, with an amended total of \$45,640, 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. 1 to Work Order No. 47 – KHA