

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

Date: June 12, 2020

To: Jason E. Brown, County Administrator

From: Arjuna Weragoda, P.E., Capital Projects Manager, Utility Services
(In lieu of Vincent Burke, P.E., Director of Utility Services)

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

Subject: CCNA-2018 Amendment No. 1 to Work Order No. 32 to Kimley-Horn for SWDD Household Hazardous Waste and Recycling Facility Design, Permitting and Bidding Services

Descriptions and Conditions:

The Solid Waste Disposal District (SWDD) is required by the Florida Department of Environmental Protection (FDEP) rules to provide safe collection and disposal of Household Hazardous Waste (HHW). The current HHW Facility is over twenty years' old, undersized, and creating unsafe ingress-egress traffic flow issues. The Recycling Transfer Facility was built five years ago, and the recycling materials are exceeding storage capacity.

On April 7, 2020, the SWDD Board approved Work Order No. 32 to Kimley-Horn and Associates, Inc. (Kimley-Horn) in the amount of \$48,400 to address each of these conditions and provide SWDD with a suitable Civil and Architectural conceptual design.

Staff will make a presentation to the SWDD Board showing the conceptual design for a new HHW and Recycling Transfer Facility along with providing conceptual level costs for the project. The purpose of this agenda item is to request Board approval to proceed with design, permitting and bidding services for these improvements.

Analysis:

Staff and Kimley-Horn worked jointly to review design concepts from other facilities to come up with an integrated facility to provide both HHW and Recycling Transfer operations. Kimley-Horn has provided the attached conceptual design for the new facility. They also estimate that the conceptual level budget for these improvements is in the \$2.5 to \$3.0 million dollar range. This will be updated based on the Engineer's Opinion of Probable Cost as part of the detailed design work.

Kimley-Horn has prepared CCNA-2018 Amendment No. 1 to Work Order No. 32, 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 engineer's

continuing consulting services master agreement entered into on April 17, 2018. The tasks are listed below showing the expected completion dates and their estimated fees.

TASK	DESCRIPTION	DUE DATE	AMOUNT
Task 1	Civil Engineering Construction Documents	90 Days from NTP	\$49,000 – Lump Sum
Task 2	Structural Engineering Construction Documents	90 Days from NTP	\$12,300 – Lump Sum
Task 3	Landscape Architecture Construction Documents	90 Days from NTP	\$12,300 – Lump Sum
Task 4	Regulatory Assistance	210 Days from NTP	\$18,400 – Lump Sum
Task 5	Bidding Assistance	240 Days from NTP	\$3,100 – Lump Sum
		Labor Sub-Total:	\$95,100
Sub-Consultants (Architect, Survey, SWA, Pre-Fab Building Drawings)			\$97,100 – T&M (Not to Exceed)
Sub-Consultants Markup (10%)			\$9,710 – T&M (Not to Exceed)
Other Direct Cost			\$5,000 – T&M (Not to Exceed)
TOTAL =			\$206,910 (Not to Exceed)

NTP – Notice to Proceed, T&M – Time and Materials

Although the Amendment No. 1 to Work Order No. 32 includes the full scope and budget for the design, permitting and bidding services, it is anticipated that only \$130,000 will be utilized for the remainder of this fiscal year. In addition, Kimley-Horn has estimated that the HHW Facility is approximately 60% of the total costs while the Recycling Transfer Facility is approximately 40% of the total costs.

Upon successful bid and award of the project, an additional amendment to Kimley-Horn will be brought to the Board for the construction services related to the project improvements.

Please note, as of July 1, 2020, the Consultant's Competitive Negotiation Act (CCNA) has been amended to increase the maximum limit for procuring professional services to \$500,000 per study and increased the per-project construction cost to \$4 million.

Funding:

Funding for the SWDD HHW and Recycling Facility Conceptual Design is budgeted and available in the Capital account in the SWDD Landfill and Recycling Fund, which is funded from SWDD assessments and user fees. The account has a total budget of \$745,000 for the 2019/2020 fiscal year.

Description	Account Number	Amount
Engineering Services – HHW Facility	411-169000-20029	\$124,146
Engineering Services – Recycling Transfer Facility	411-169000-20030	\$ 82,764
Total =		\$206,910

Recommendation:

Solid Waste Disposal District (SWDD) staff recommends that its Board approve the following:

- a) Approve CCNA-2018 Amendment No. 1 to Work Order No. 32 with Kimley-Horn and Associates, Inc. in the amount of \$206,910, to provide engineering services related to the SWDD Household Hazardous Waste and Recycling Facility Design, Permitting and Bidding Services.
- b) Authorize the Chairman to execute the same, as presented.

Attachments:

- 1. Conceptual Design of a New HHW and Recycling Transfer Facility
- 2. CCNA-2018 Amendment No. 1 to Work Order No. 32 – Kimley-Horn