



INDIAN RIVER COUNTY
SOLID WASTE DISPOSAL DISTRICT
BOARD MEMORANDUM



Date: March 8, 2017

To: Jason E. Brown, County Administrator

From: Vincent Burke, Director of Utility Services

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

Subject: **Work Order No. 10 to CDM Smith, Inc. for C&D Landfill Permit Renewal**

DESCRIPTIONS AND CONDITIONS:

The Solid Waste Disposal District (SWDD) landfill operation is a highly regulated activity, which requires periodic permit renewals and submittal of environmental compliance documentation. The current operations permit (Permit Number SO31-0128769-021) for the construction and demolition (C&D) debris landfill was issued by the Florida Department of Environmental Protection (FDEP) on September 11, 2012 (revised September 17, 2012) and will expire on July 18, 2017. This permit will need to be renewed at this time if SWDD intends to keep the C&D debris landfill operational. The permit renewal application is due on May 18, 2017.

This agenda item requests authorization to reengage the engineering firm of CDM Smith, Inc. (CDM Smith) to prepare and seal the C&D Landfill Permit Renewal as they successfully permitted the last renewal.

ANALYSIS:

CDM Smith has prepared Work Order No. 10, provided in Attachment 1, for engineering services detailing the scope of work, budget, and schedule for the project. 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. The table below shows the expected completion date and their estimated fees.

TASK	DESCRIPTION	DUE DATE	AMOUNT
Task 1	C&D Landfill Permit Renewal	May 17, 2017	\$30,420
TOTAL (Lump Sum) =			\$30,420

The costs above are consistent with what SWDD has paid historically for these services.

The C&D landfill has not been actively utilized since 2008 since we began co-disposal operations in the Class I landfill. However, clean concrete has been placed in the C&D landfill. Based on the latest estimates, we will have approximately 130,000 cubic yards of capacity remaining by the end of this fiscal year, which is then estimated to deplete by 2027. Although there is low utilization of the C&D

landfill, there is potential value in renewing the permit to maintain the collection of clean concrete with potential opportunities for mining to reclaim cover material, concrete crushing and the reclamation of other recyclables.

FUNDING:

Funding for the C&D Landfill Permit Renewal is budgeted and available in the Engineering Services account in the SWDD Landfill Fund, which is funded from SWDD assessments and user fees. The account has a total budget of \$573,500 for the 2016/2017 fiscal year.

DESCRIPTION	ACCOUNT NO.	AMOUNT
Engineering Services	41121734-033130	\$30,420

RECOMMENDATION:

SWDD staff recommends that its Board approve the following:

- a) Approve Work Order No. 10 with CDM Smith, Inc. in the amount of \$30,420 to provide engineering services related to the C&D Landfill Permit Renewal.
- b) Authorize the Chairman to execute the same, as presented.

ATTACHMENT:

- 1) Work Order No. 10