



**INDIAN RIVER COUNTY**  
**SOLID WASTE DISPOSAL DISTRICT**  
**BOARD MEMORANDUM**



**Date:** May 23, 2018  
**To:** Jason E. Brown, County Administrator  
**From:** Vincent Burke, P.E., Director of Utility Services  
**Prepared By:** Himanshu H. Mehta, P.E., Managing Director, Solid Waste Disposal District  
**Subject:** CCNA-2018 Work Order No. 1 to CDM Smith, Inc. for Engineering Services with the 2018 Water Quality Technical Report

**DESCRIPTIONS AND CONDITIONS:**

The Solid Waste Disposal District (SWDD) landfill operation is a highly regulated activity, which requires environmental compliance documentation in accordance with several different permits. Many of the compliance reports are prepared and certified by a third party professional engineer.

This agenda item requests authorization to engage the engineering firm of CDM Smith, Inc. (CDM) to prepare and seal the following report:

1. Water Quality Technical Report to cover the past 2.5 years of groundwater sampling data

Technical Reports of groundwater quality at the County Class I and Construction and Demolition (C&D) Landfills must be submitted to the Florida Department of Environmental Protection (FDEP) in accordance with Chapter 62-701.510, Florida Administrative Code (F.A.C.) and the Water Quality Monitoring Plans (WQMPs) of operations Permit Nos. 0128769-023-SO (Class I) and 0128769-025- SO-024 (C&D). By rule, the Technical Reports are due every two and one-half years and cover water quality data collected for the previous five routine water quality monitoring events.

**ANALYSIS:**

CDM has prepared CCNA-2018 Work Order No. 1, 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 tasks are listed below showing the expected completion dates and their estimated fees.

TASK	DESCRIPTION	DUE DATE	AMOUNT
Task 1	Water Quality Technical Report	Draft – July 15, 2018 Final – July 31, 2018	\$31,660
TOTAL (Lump Sum) =			\$31,660

The cost above is consistent with what SWDD has paid historically for these services.

**FUNDING:**

Funding for the 2018 Water Quality Technical Report 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 \$400,000 for the 2017/2018 fiscal year.

<b>Description</b>	<b>Account Number</b>	<b>Amount</b>
Engineering Services	41121734-033130	\$31,660

**RECOMMENDATION:**

SWDD staff recommends that its Board approve the following:

- a) Approve CCNA-2018 Work Order No. 1 with CDM Smith, Inc. in the amount of \$31,660 to provide engineering services related to the 2018 Water Quality Technical Report.
- b) Authorize the Chairman to execute the same, as presented.

**ATTACHMENT(s):**

- 1) CCNA-2018 Work Order No. 1 – CDM Smith, Inc.