



INDIAN RIVER COUNTY
SOLID WASTE DISPOSAL DISTRICT
BOARD MEMORANDUM



Date: January 2, 2019

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 (SWDD)

Subject: CCNA-2018 Work Order No. 3 to CDM Smith, Inc. for Engineering Services with the SWDD Annual Permit Compliance Monitoring and Reporting

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 Smith) to prepare and seal the following reports:

1. Semi-annual and annual reports to assess the characteristics of ground and surface water at the site generated by the Class I landfill in accordance with the site's landfill permits.
2. Evaluation monitoring and reporting for the Construction and Demolition (C&D) Debris Disposal Facility.
3. Annual reports required by the site's Title V air quality permit, including the annual operating report, semi-annual monitoring report and the annual landfill gas sulfur content test.

In addition, a general technical assistance and permit compliance task is included as SWDD often requires engineering, technical and construction services assistance in connection with annual facility upgrade, compliance and operations.

ANALYSIS:

CDM has prepared CCNA-2018 Work Order No. 3, 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. The tasks are listed below showing the expected completion dates and their estimated fees.

TASK	DESCRIPTION	DUE DATE	AMOUNT
Task 1	Project Quality Management	1/1/19 – 12/31/19	\$25,190
Task 2	Semi-Annual Water Quality Sampling & Reporting	March 2019 & September 2019	\$46,700
Task 3	Title V Permit Compliance Monitoring	March – December 2019	\$26,380
Task 4	Evaluation Monitoring for the C&D Debris Disposal Facility	March 2019, June 2019, September 2019, and December 2019	\$28,510
Task 5	General Technical Assistance	1/1/19 – 12/31/19	\$24,000
TOTAL (Lump Sum) =			\$150,780

FUNDING:

Funding for the SWDD Annual Permit Compliance Monitoring and Reporting 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 \$300,000 for the 2018/2019 fiscal year.

Description	Account Number	Amount
Engineering Services	41121734-033130	\$150,780

RECOMMENDATION:

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

- a) Approve CCNA-2018 Work Order No. 3 with CDM Smith, Inc. in the amount of \$150,780 to provide engineering services related to the SWDD Annual Permit Compliance Monitoring and Reporting.
- b) Authorize the Chairman to execute the same, as presented.

ATTACHMENT(s):

CCNA-2018 Work Order No. 3 – CDM Smith, Inc.