

Indian River County, Florida
Solid Waste Disposal District
Board Memorandum

Date: November 22, 2019

To: Jason E. Brown, County Administrator

From: Vincent Burke, PE, Director of Utility Services

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

Subject: CCNA-2018 Work Order No. 6 to Geosyntec for Engineering Services with the Solid Waste Disposal District Annual Permit Compliance Monitoring and Reporting for 2020

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 Geosyntec Consultants (Geosyntec) 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. Quarterly Assessment 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 statement of compliance, the annual operating report, semi-annual monitoring report and the annual landfill gas sulfur content test.
4. Landfill Gas Migration Monitoring
5. Multi Sector General Permit

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

Analysis:

Geosyntec has prepared CCNA-2018 Work Order No. 6, provided in Attachment 1, for engineering services detailing the scope of work, budget, and schedule for each of the phases. The fees to be paid by SWDD for

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the execution of this work authorization are in accordance with the engineer's continuing consulting services master agreement. The phases are listed below, showing the expected completion dates and their estimated fees.

PHASE	DESCRIPTION	DUE DATE	AMOUNT
Phase 1	Project Management / Meetings	1/1/20 – 12/31/20	\$ 26,198.20
Phase 2	Semi-Annual Water Quality Sampling & Reporting	March 2020 & September 2020	\$ 61,860.79
Phase 3	Quarterly Assessment Monitoring & Reporting	March 2020, June 2020, September 2020, and December 2020	\$ 31,270.90
Phase 4	Title V Permit Compliance Monitoring	March – December 2020	\$ 29,068.40
Phase 5	General Technical Assistance	1/1/20 – 12/31/20	\$ 28,113.00
TOTAL (Lump Sum) =			\$176,511.29

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 \$400,000 for the 2019/2020 fiscal year.

Description	Account Number	Amount
Engineering Services	41121734-033130	\$176,511.29

Recommendation:

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

- a) Approve CCNA-2018 Work Order No. 6 with Geosyntec for \$176,511.29 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. 6 – Geosyntec