



INDIAN RIVER COUNTY
SOLID WASTE DISPOSAL DISTRICT
BOARD MEMORANDUM



Date: October 5, 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. 2 to Geosyntec Consultants for Engineering Services with the Title V Permitting for Emergency Generators

DESCRIPTIONS AND CONDITIONS:

The Title V air operation permit includes all the Clean Air Act requirements for identification and control of air pollutants and is required for all major sources of air pollutants. The United States Environmental Protection Agency (USEPA) has authorized the Florida Department of Environmental Protection (FDEP) to administer the Title V permitting program in the State of Florida. FDEP has categorized the Indian River County Landfill as a major source requiring a Title V air operation permit because the landfill designed disposal capacity exceeds a regulatory threshold of 2.75 million tons of solid waste. The Solid Waste Disposal District (SWDD) landfill was issued a five (5) year Title V Air Operation Permit No. 0610015-005-AV effective June 1, 2017. The permit was obtained by Geosyntec Consultants

On May 18, 2018, SWDD installed a new emergency generator to provide back-up power to the landfill administration building and the scalehouse. In addition, SWDD is planning to install a new emergency generator for a new leachate lift station that is part of the current Segment 3 Cell 2 Expansion project. The addition of these two generators requires a modification to the Title V permit to add them to our facility; however, it is anticipated that these generators will be exempt from having to obtain an air construction permit.

ANALYSIS:

As part of the Continuing Contract Agreement for Continuing Engineering Services, entered into on April 17, 2018, SWDD staff requested Geosyntec to submit a proposal to provide engineering and consulting services for the subject project. Geosyntec’s proposal including scope of work, schedule and budget is shown in Attachment 1. Geosyntec’s proposal consists of three tasks as follows:

Task	DESCRIPTION	\$ AMOUNT
1	General Consulting/Project Management	\$7,395
2	Title V Revision Permit Applications	\$12,314
3	Response to Regulatory Agency Comments	\$ 5,289
	Total =	\$24,998

Geosyntec proposes to submit the application for the first generator no later than November 18, 2018, and for the second generator in the first quarter of 2019.

FUNDING:

Funding for these engineering services 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	\$24,998

RECOMMENDATION:

SWDD staff recommends that its Board approve the following:

- a) Approve CCNA-2018 Work Order No. 2 with Geosyntec in the amount of \$24,998 to provide engineering services related to the Title V Permitting for Emergency Generators.
- b) Authorize the Chairman to execute the same, as presented.

ATTACHMENT(s):

- 1) CCNA-2018 Work Order No. 2 – Geosyntec