



INDIAN RIVER COUNTY
SOLID WASTE DISPOSAL DISTRICT
BOARD MEMORANDUM



Date: April 30, 2018
To: Jason E. Brown, County Administrator
Thru: Vincent Burke, Director of Utility Services
From: Himanshu H. Mehta, P.E., Managing Director, Solid Waste Disposal District
Subject: CCNA-2018 Work Order No. 1 to Geosyntec for One Year of Groundwater Monitoring/Reporting and Related Consulting Services at the Former South Gifford Road Landfill

DESCRIPTIONS AND CONDITIONS:

In accordance with the requirements by the Florida Department of Environmental Protection (FDEP), the former South Gifford Road Landfill site requires continual groundwater monitoring activities and required regulatory oversight to show that the County and the Solid Waste Disposal District (SWDD) are proactively taking efforts to remediate the site.

FDEP requires submittal of the next semi-annual groundwater monitoring report no later than August 31, 2018 (to document results of the summer 2018 sampling event included in the attached work order request). Previous sampling, reporting, and remedial events performed by Geosyntec have been completed on schedule and within budget.

Accordingly, staff requested the attached proposal from Geosyntec to provide groundwater monitoring and reporting for an additional one-year period and annual pollution remediation liabilities evaluation.

ANALYSIS:

Geosyntec's proposal includes two semi-annual monitoring and reporting events for the plume monitoring well network, monitoring well maintenance and brush clearing, as well as preparation of an annual pollution remediation liabilities evaluation. Geosyntec's proposal consists of seven main tasks as follows:

Task Description	Budget
Task 1: Project Management	\$5,222
Task 2: Meetings/Regulatory Interaction	\$5,686
Task 3: Annual Pollution Remediation Liabilities Evaluation	\$2,613
Task 4: Semi-Annual Sampling Activities	\$45,964
Task 5: Monitoring Well Maintenance	\$6,308
Task 6: Brush Clearing	\$9,801
Task 7: Data Evaluation and Semi-Annual Reporting	\$17,204
Total	\$92,798

Task 1 includes project planning and management responsibilities. Task 2 includes meeting attendance and interaction with regulatory agencies. Task 3 includes preparation of the annual environmental liability evaluation in response to Governmental Accounting Standards Board Statement No. 49 (GASB No. 49), *Accounting and Financial Reporting for Pollution Remediation Obligations*, which requires the inclusion and calculation of pollution remediation obligations. Task 4 includes field preparation, groundwater sampling, and water level measurements (for a total of 56 wells). Task 5 includes monitoring well maintenance to repair well pads at three locations. Task 6 includes brush clearing activities to remove overgrowth impeding access for sample collection. Task 7 includes data evaluation and semi-annual reporting.

Overall, the current work order reflects a greater requested level of effort than previously provided by Geosyntec related to needed well maintenance and brush clearing activities, and a more rigorous quantitative statistical evaluation to support possible reduction in the quantity and frequency of the sampling activities.

FUNDING:

Funding for this work is budgeted and available in account number 31521734-033490-03004, which is the one cent sales tax fund used for infrastructure needs of the County. Costs associated with the landfills are authorized uses of the one cent sales tax in addition to infrastructure.

Description	Account Number	Amount
One Cent Sales Tax Fund – Infrastructure Needs	31521734-033490-03004	\$92,798

RECOMMENDATION:

Staff recommends that the SWDD Board approves and authorizes the Chairman to sign the CCNA-2018 Work Order No. 1 authorizing Geosyntec to provide groundwater monitoring/reporting and related consulting services for the former Gifford Road Landfill in compliance with FDEP requirements for a period of one year, not to exceed fee of \$92,798.

ATTACHMENT:

Geosyntec CCNA2018 WO No. 1