

Indian River County, Florida
Solid Waste Disposal District
Board Memorandum

Date: August 16, 2023

To: The Solid Waste Disposal District Board of Commissioners

Through: John A. Titkanich, Jr., County Administrator
Sean C. Lieske, Director of Utility Services

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

Subject: Amendment No. 1 to Work Order No. 19 to Geosyntec for Annual Permit, Compliance Monitoring, and Reporting for 2023

Descriptions and Conditions:

On January 17, 2023, the Solid Waste Disposal District (SWDD) Board approved Work Order No. 19 to Geosyntec Consultants (Geosyntec) for \$270,152.97 to provide engineering services related to the SWDD Annual Permit, Compliance Monitoring, and Reporting.

Indian River County Department of Utility Services (IRCDUS) utilizes irrigation water for the operations of their Residual Dewatering Facility (RDF), located on the landfill property, via two irrigation wells. One of the irrigation wells was in the vicinity of the leachate evaporator project, and therefore it needed to be abandoned; however, the one remaining well will not provide sufficient flow for the operations of the dewatering facility. As a result, a replacement well will be necessary to ensure sufficient flow is available for the daily operations of the dewatering facility

Staff is proposing to have Geosyntec subcontract an irrigation well driller to install a replacement well.

Analysis:

Geosyntec has prepared Amendment No. 1 to Work Order No. 19, provided in Attachment 1, for engineering services detailing the scope of work, budget, and schedule for the new irrigation well. 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, dated May 18, 2021.

Geosyntec has proposed a 4-inch irrigation well to 60 feet below land surface (ft bls) with 40 ft of screen. The total cost for this project is \$15,992.83, and the deliverable will include a summary email, pictures, and well installation logs.

Upon approval the total amount of the work order will be \$286,145.80.

Funding:

Funding for the SWDD Annual Permit Compliance Monitoring and Reporting is budgeted and available in the SWDD/Landfill/Engineering Services account, number 41121734-033130, which is funded from SWDD assessments and user fees. Funding for the amendment in the amount of \$15,992.83 will bring the total cost of the work order to \$286,145.80.

Description	Account Number	Amendment Amount	Total Amount
SWDD/Landfill/Engineering Services	41121734-033130	\$15,992.83	\$286,145.80

Recommendation:

Solid Waste Disposal District (SWDD) staff recommends that its Board approve Amendment No. 1 to Work Order No. 19 with Geosyntec Consultants for \$15,992.83 to provide engineering services related to the SWDD Annual Permit, Compliance Monitoring, and Reporting; and authorize the Chairman to execute the same, as presented.

Attachment:

Amendment No. 1 to Work Order No. 19 – Geosyntec