

**Indian River County, Florida
Solid Waste Disposal District (SWDD)
Board Memorandum**

Date: November 15, 2024

To: The Solid Waste Disposal District Board of County Commissioners

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

Prepared By: Himanshu H. Mehta, PE, Managing Director, SWDD

Subject: Approval of Amendment No. 3 to Work Order No. 1 to Geosyntec for Phase 2, Segment 3, Cell 3 Engineering Services

Descriptions and Conditions:

The Indian River County (IRC) Solid Waste Disposal District (SWDD) Class 1 landfill includes the closed Segment 1 Infill, Segment 2 vertical expansion, and Segment 3 lateral expansion (Segment 3). The total footprint area of Segment 3 is 76 acres and consists of eight cells that are being constructed in phases, as needed. Segment 3 Cell 1, directly east of and on top of the east slope of Segment 2, was constructed in 2013. Segment 3 Cell 2 was constructed in 2020.

On April 4, 2023, the SWDD Board approved Work Order No. 1 to Geosyntec Consultants, Inc. in the amount of \$139,129.70 for the Phase 2 Segment 3, Cell 3 Project. The scope of work was to provide professional and support services for the procurement of a construction contract for the approximately 10.5-acre Cell 3, which consists of construction of Cell 3 liner and leachate control systems and appurtenant structures including an access ramp into the cell, and development of Engineer's Cost Estimate (ECE) for the project.

On February 20, 2024, the SWDD Board awarded the Cell 3 construction contract to Comanco Environmental Corporation (Comanco) in the amount of \$6,897,651.70, as well as approved Amendment No. 1 to Geosyntec for the construction management of Cell 3 within Segment 3 in the amount of \$667,145.14. Comanco was issued the notice to proceed (NTP) on April 1, 2024, and had an estimated substantial completion by July 31, 2024. However, on August 20, 2024, the SWDD Board approved Amendment No. 2 to Geosyntec in the amount of \$170,505.20 due to justification for additional construction services as Comanco estimated substantial completion of October 11, 2024.

Due to the construction schedule impacts to our project because of both Hurricane Helene and Hurricane Milton, Comanco has now estimated a substantial completion of November 25, 2024. This Amendment No. 3 to Geosyntec is for additional construction services to complete the project.

Analysis:

Geosyntec has prepared Landfill Amendment No. 3 to Work Order No. 1, provided in Attachment 1, for engineering services detailing the scope of work, budget, and schedule for the phases requiring additional funding to complete the construction management of Cell 3 within Segment 3. The fees to be paid by SWDD for the execution of this work authorization are in accordance with the attached master agreement. The phases are listed below along with their estimated fees.

Phase Description	Budget
Phase 1: General Consulting/Meeting Support/Project Management	\$4,341.72
Phase 3: QA/QC Services	\$82,516.12
Phase 4: Construction Management	\$13,024.24
Total	\$99,882.08

Funding:

Funding of \$99,882.08 for this project is budgeted and available in the SWDD/WIP/Cell 3 Landfill Expansion account, number 411-169000-22034. Since this is an operating capital project, the funds will come from the fund balance. Operating funds are derived from SWDD assessments and user fees.

Description	Account Number	Amount
SWDD/WIP/Cell 3 Landfill Expansion	411-169000-22034	\$99,882.08

Recommendation:

Staff recommends that its Board approve and authorize the Chairman to sign Landfill Amendment No. 3 to Work Order No. 1 authorizing Geosyntec to provide engineering services for a not-to-exceed fee of \$99,882.08.

Attachment:

Geosyntec Landfill Amendment No. 3 to Work Order No. 1