

## ENGINEERING SERVICES WORK ORDER 10

This Work Order Number 10 is entered into as of this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, pursuant to that certain Continuing Contract Agreement, dated May 2, 2023, ("Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Geosyntec Consultants ("Consultant").

The COUNTY has selected the Consultant to perform the professional services set forth on Exhibit A (Scope of Work), attached to this Work Order and made part hereof by this reference. The professional services will be performed by the Consultant for the mutually agreed upon lump sum or maximum amount not-to-exceed professional fee. Any additional costs must be approved in writing, and at a rate not to exceed the prices set forth in Exhibit B of the Agreement (Rate Schedule) for RFQ 2023015, made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit A (Time Schedule), attached to this Work Order and made a part hereof by this reference all in accordance with the terms and provisions set forth in the Agreement. Pursuant to paragraph 1.4 of the Agreement, nothing contained in any Work Order shall conflict with the terms of the Agreement and the terms of the Agreement shall be deemed to be incorporated in each individual Work Order as if fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have executed this Work Order as of the date first written above.

CONSULTANT:

By: \_\_\_\_\_

Name: Todd Kafaka

Title: Vice President

BOARD OF COUNTY COMMISSIONERS OF  
INDIAN RIVER COUNTY:

By: \_\_\_\_\_

Deryl Loar, Chairman

BCC Approval Date: \_\_\_\_\_

By: \_\_\_\_\_

John A. Titkanich, Jr., County Administrator

Approved as to Form and Legal Sufficiency:

By: \_\_\_\_\_

Jennifer W. Shuler, County Attorney

Ryan L. Butler, Clerk of Court and Comptroller

Attest: \_\_\_\_\_

Deputy Clerk

(SEAL)

**EXHIBIT A**

**PROFESSIONAL SERVICES**

13 November 2025

Mr. Himanshu H. Mehta, P.E.  
Managing Director  
Solid Waste Disposal District  
Indian River County  
1325 74<sup>th</sup> Avenue SW  
Vero Beach, Florida 32968

**Subject: Proposal to Provide 2026 Compliance Monitoring,  
Reporting and Other Technical Support Services  
Class I Landfill and C&D Debris Disposal Facility  
Indian River County Landfill Facility  
Vero Beach, Indian River County, Florida**

Dear Mr. Mehta:

Geosyntec Consultants, Inc. (Geosyntec) is pleased to submit this letter proposal to the Indian River County (IRC) Solid Waste Disposal District (SWDD) to provide professional services supporting the operation of the Class I landfill and Construction and Demolition (C&D) debris disposal facility at the IRC Landfill (IRCL) site located in Vero Beach, Indian River County, Florida. The proposal presents the scope of work, schedule, and budget estimate for the compliance monitoring, reporting and other technical support services related to the operation of the solid waste disposal facilities in 2026.

Geosyntec has prepared this proposal for professional services as Exhibit A of Work Order Number 10, pursuant to that certain Continuing Contract Agreement, dated 2 May 2023 (“Agreement”), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida (“COUNTY”) and Geosyntec (“Consultant”).

The remainder of this proposal presents: (i) project background; (ii) proposed scope of services; (iii) schedule; and (iv) budget estimate.

## **PROJECT BACKGROUND**

The IRCL site is located south of Oslo Road, west of Range Line Road (74<sup>th</sup> Avenue) and east of Interstate 95 in Section 25, Township 33 South, Range 38 East in Indian River County, Florida. The IRCL site occupies 276 acres, with approximately 141.5 acres permitted for Class I disposal, 22 acres is comprised of Cell 1 C&D debris disposal facility, and 2.5 acres consists of a C&D debris recycling facility.

The Class I landfill currently accepts both Class I waste and C&D debris for disposal under the Florida Department of Environmental Protection (FDEP) Construct and Operate Permit Nos. 0128769-022-SC and 0128769-023-SO, issued 5 January 2016 with Minor Permit Modification No. 0128769-034-SO-MM, dated 1 March 2024 (Class I Permit). The C&D debris disposal facility operates under FDEP Permit No. 0128769-032-SO-24, dated June 1, 2022 (C&D Permit).

### **Semi-Annual Water Quality Compliance Monitoring and Reporting**

The Water Quality Monitoring Plan (WQMP) for each of the IRCL facilities permits (which is listed as Appendix 3 of each permit) indicates that groundwater and surface water quality monitoring are required. Semi-annual sampling of the Class I landfill and C&D debris disposal facility groundwater monitoring wells shall be conducted in January and July 2026. The samples collected from the Class I landfill and C&D debris disposal facility monitoring wells shall be analyzed for the routine monitoring parameters listed in Section II.3 (Class I Permit) and Paragraph 8 (C&D Permit) of the WQMP, respectively, as required by paragraphs 62-701.510(5)(c) & (7)(a) and 62-701.730(8)(d), Florida Administrative Code (F.A.C.). Samples from one surface water monitoring site (SW-2) shall be collected semi-annually in January and July, if water is discharging from the stormwater pond. The samples, if collected, shall be analyzed for the list of parameters listed in Section III.2 of the Class I Landfill WQMP, as required by paragraphs 62-701.510 (5)(d) and (7)(b), F.A.C.

Geosyntec will perform field sampling activities, and the analytical testing will be conducted by Eurofins Scientific Laboratory (Eurofins), the analytical laboratory contracted with, and direct bill to, SWDD. The results of the semi-annual water-quality monitoring events are to be reported to the FDEP within 60 days of receipt of analysis from the laboratory.

### **Quarterly Assessment Monitoring for the C&D Debris Disposal Facility**

Geosyntec understands that results of routine sampling of C&D debris disposal facility groundwater monitoring well (MW-21S) in January 2017 indicated exceedances of benzene and sodium groundwater cleanup target levels (GCTLs). As a result, the SWDD was requested by the FDEP to initiate evaluation monitoring in accordance with subsection 62-701.510(6), F.A.C. Pursuant to this request the SWDD installed one groundwater monitoring well (MW-49S) in July 2017. These and other wells (MW-21S, MW-33S, MW-35S, MW-40S, MW-49S, MW-50S, MW-51S, and MW-52S) and seven surface water (SW) Lateral Canal (LC) sample sites (SW-LC1, SW-LC2, SW-LC3, LC-SW4, LC-SW5, LC-SW6, and LC-SW8) have been sampled quarterly from July 2017 to October 2020 under an evaluation monitoring program with the FDEP. However, in correspondence dated 14 October 2019 from the FDEP to the SWDD, the

FDEP approved the SWDD's request to replace the evaluation monitoring of the eight groundwater wells and surface water sample sites with quarterly assessment monitoring and with the addition of other parameters (arsenic, benzene, naphthalene, and other semi-volatile organic compounds [VOCs]) to the suite of parameters to be analyzed for at these wells. The FDEP also requested sampling of additional surface water sites in the Lateral C Canal for the purpose of establishing background water-quality conditions. Therefore, in 2020 Geosyntec working on behalf of the SWDD sampled all seven surface water sites except for April 2020 where the FDEP agreed to a reduction to three locations. In 2021, Geosyntec working on behalf of the SWDD eliminated six surface water sampling locations (SW-LC2, LC-SW5, LC-SW7, LC-SW8, LC-SW9 and LC-SW10) and discontinued the sampling of MW-33S and MW-35S. Additionally, Geosyntec working on behalf of the SWDD in 2021 reduced the collection frequency of arsenic, benzene, naphthalene, 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, and anthracene at MW-21S and MW-49S from quarterly to semi-annual. Geosyntec will continue working with the FDEP to further reduce the surface and groundwater quarterly sampling scope at the C&D debris disposal facility in 2026 in order to provide overall cost savings to the County.

Therefore, in addition to the semi-annual sampling of the C&D debris disposal facility monitoring wells in January and July 2026, five wells and four surface water sample sites will also be sampled in April and October 2026 as part of the 2026 compliance monitoring and reporting program.

### **Quarterly Assessment Monitoring for the Class I Landfill**

A comment letter from the FDEP dated 6 May 2020 provided comments regarding the results of the January 2020 Semi-Annual Water Quality Monitoring Report for the Class I landfill. The FDEP provided notification to the SWDD to initiate evaluation monitoring at all monitoring wells with detected exceedances above applicable (GCTLs for pH, ammonia, chloride, sodium, total dissolved solids (TDS) and arsenic. Geosyntec provided a response to comments (RTC) letter to the FDEP comment letter on 28 May 2020 which focused on the long-term trends with the dataset available from the FDEP Water Assurance Compliance System (WACS) database and requested a reduction of evaluation monitoring locations from 25 locations (as originally requested by the FDEP in the 8 May 2020 letter) to four (4) locations (specifically downgradient of MW-3S, MW-14S, MW-44S and MW-44I). The FDEP approved this request in a letter dated 14 August 2020 and the 90-day evaluation monitoring period was initiated on 17 September 2020 through a second RTC letter provided to the FDEP. Geosyntec installed the three (3) groundwater evaluation monitoring wells in November 2020 (evaluation monitoring well not installed downgradient of MW-14S since MW-14S was already located at the edge of the Class I landfill zone of discharge), sampled the four (4) quarterly wells and collected field parameters from two staff gauges (C5-SW1 and C5-SW3) for Total Ammonia Nitrogen (TAN) calculation

in November 2020. During the 2021 quarterly sampling, Geosyntec working on behalf of the SWDD reduced the quarterly parameters analyzed and negotiated the use of a site-specific ammonia GCTL based on TAN calculations thus adding a surface water screening location north of MW-53S. In 2024, Geosyntec further reduced the sampling scope for the remaining evaluation monitoring wells at the Class I landfill.

Therefore, sampling of the seven Class I landfill groundwater evaluation monitoring wells and four surface water sample sites will be included in the quarterly monitoring and reporting program for 2026.

### **Storage Tank Groundwater Monitoring Wells Sampling and Reporting**

Permit Modification No. 0128769-033-SO-MM<sup>1</sup> and Approval of Request for Alternate Procedure – SWAP 22-1 (i.e., Order), effective 22 July 2022, authorized the SWDD to use an existing 500,000-gallon tank as a leachate storage tank for the leachate evaporator system for the Class I Landfill. Conditions of this approval required the SWDD to install four new groundwater monitoring wells (MW-49 to MW-52) around the periphery of the leachate storage tank, which were installed in February 2023. Upon well installations, the SWDD was also required to conduct an initial and three additional sampling events (on a weekly basis) and conduct two quarterly sampling events after the initial filling of the tank with leachate. Based on the timeline of when the tank was initially filled with leachate on 30 August 2023, the well installations, initial sampling event, and three weekly sampling events were documented to the FDEP in 2023. In 2025, Geosyntec completed four quarters of sampling from these wells and submitted the two Semiannual Reports. Based on review of the July 2022 Order, in 2026, the quarterly sampling is required to continue, and an Annual Report will be submitted to FDEP on behalf of SWDD.

### **Title V Air Operation Permit Compliance**

The SWDD was issued a Title V Air Operation renewal permit (Permit No. 0610015-010-AV), proposed on 7 December 2022. The permit requires that the SWDD prepare and submit to the FDEP and the U.S. Environmental Protection Agency (USEPA), Region 4 the following:

- Annual statement of compliance (within 60 days after the end of the calendar year);
- Electronic Annual Operating Report (AOR) and Title V Emissions Fee (on or before April 1 of each year, for the previous calendar year);
- Semi-Annual Monitoring Report (scheduled for March 1 and August 29); and

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<sup>1</sup> These changes are also reflected in Permit Modification No. 0128769-034-SO-MM

- Results of an annual landfill gas (LFG) sulfur content test (Annual Emissions Report for Sulfur Dioxide letter report and included in the Electronic Annual Operating Report).

The annual emissions fee is automatically calculated based on emissions reported for marked pollutants on the FDEP's electronic Annual Operating Report (EAOR). Upon submission of the EAOR, the Annual Title V Emissions Fee invoice is generated, and this must be paid by April 1, 2026 for the 2025 reporting period.

It should be noted that on 24 October 2025, Geosyntec submitted a Title V Air Operation Permit Revision Application to FDEP on behalf of the SWDD to incorporate EU009 (2,800 SCFM Landfill Gas Utility Flare) into Title V Air Operation Permit Number 0610015-010-AV. The flare currently operates under Air Permit No. 0610015-011-AC. At this time, the modified Title V Air Operations Permit has not been issued by FDEP. For the purposes of this proposal, it is assumed that the compliance requirements listed above will not change following issuance of the modified permit.

### **Landfill Gas Migration Monitoring**

The Class I Landfill solid waste permit also requires quarterly monitoring and reporting of LFG migration around the perimeter of the site and within enclosed structures.

### **Multi Sector General Permit**

The SWDD authorization to discharge the overflow of stormwater from the sedimentation pond into the C-6 canal is governed by a five-year Multi Sector General Permit (MSGP) issued by the FDEP. The permit requires that the outfall be sampled quarterly during the first and fourth year of the permit for a list of parameters and the results reported to the FDEP by the first quarter of the fifth year of the permit.

## **PROPOSED SCOPE OF SERVICES**

This proposal presents the scope of work and budget estimate for the: (i) semi-annual water-quality compliance monitoring and reporting for the Class I landfill and C&D debris disposal facility; (ii) quarterly assessment monitoring of the five groundwater wells and four surface water sample sites for the C&D debris disposal facility; (iii) quarterly evaluation monitoring of the seven groundwater wells and four surface water sample sites for the Class I landfill; (iv) storage tank monitoring well sampling and reporting as required by the Order; (v) compliance with Title V permit requirements; and (iv) other technical and miscellaneous permit compliance support services that may be required by the SWDD in 2026.

The proposed scope of services includes activities to be performed on behalf of the SWDD for the compliance monitoring reporting and other technical support services for the Class I landfill and C&D debris disposal facility. For the purpose of budgeting, the scope of work has been divided into the following six (6) main phases:

- Phase 1 – General Consulting/Meeting Support/Project Management;
- Phase 2 – Semi-Annual Sampling and Reporting;
- Phase 3 – Quarterly Assessment Monitoring and Reporting;
- Phase 4 – Storage Tank Groundwater Monitoring Well Sampling and Reporting;
- Phase 5 – Title V Permit Compliance and Reporting; and
- Phase 6 – Technical and Miscellaneous Permit Compliance Support and Reporting.

The above scope of services is based on current regulations and reporting requirements for the IRCL facility as previously discussed above. An amendment to this scope of services may be needed should there be any regulatory changes that result in additional work. The remainder of this section presents a general description of the activities to be performed in each phase.

#### **Phase 1 – General Consulting/Meeting Support/Project Management**

Under this phase, Geosyntec will perform project planning and management responsibilities, such as correspondence with the SWDD and FDEP, project coordination, and project administration. Project management activities will include budget and schedule tracking, invoice review, and project communications, including the preparation of a monthly progress report. The report will include a description of the activities completed during the month and planned activities for the following month. Geosyntec has also included budget for preparation and attendance (by two Geosyntec personnel) at one meeting with the SWDD and/or FDEP, as needed.

#### **Phase 2 – Semi-Annual Sampling and Reporting (Both C&D Debris Disposal Facility and Class I Landfill)**

Geosyntec will assist the SWDD to perform the semi-annual sampling and prepare the water-quality monitoring reports as required by the WQMP. Geosyntec will assist the SWDD with conducting all field sampling preparation activities, including scheduling, staffing, subcontracting, and field equipment preparation. Prior to collecting the groundwater samples in January and July 2026, Geosyntec will perform water-level measurements from the Site monitoring well network and installed staff gauges adjacent to the Site. Geosyntec will then perform semi-annual sampling of the Class I landfill and C&D debris disposal facility

groundwater monitoring wells in January (44 wells) and July (44 wells) of 2026. We will also perform semi-annual (January and July) sampling of the surface water site (SW-2) if it is discharging from the stormwater pond.

It is estimated that data collection and sampling will take five (4) full days in January and four (4) full days in July for the semi-annual monitoring and reporting for the Class I landfill and C&D debris disposal facility. Geosyntec will deliver the samples to Eurofins laboratory for analytical testing under the SWDD's contract (i.e., Eurofins laboratory will directly invoice the SWDD).

The laboratory analytical testing will be conducted by Eurofins testing laboratory. The samples collected from the Class I landfill monitoring wells will be analyzed for the routine monitoring parameters listed in item 7 of the WQMP and in accordance with paragraph 62-701.510(5)(c) & (7)(a), F.A.C. The samples collected from the C&D debris disposal facility monitoring wells, with the exception of the quarterly assessment wells, will be analyzed for the routine monitoring parameters listed in item 8 of the WQMP and in accordance with 62-701.739(8)(d), F.A.C. The samples from the surface water site (SW-2) will be analyzed for the list of parameters listed in paragraph 13 of the Class I Landfill WQMP, as required by paragraphs 62-701.510 (5)(d) and (7)(b), F.A.C. Geosyntec will assist the SWDD in coordinating the analytical testing activities with Eurofins, notify the FDEP prior to sampling as required by the WQMP, review and evaluate the analytical test results, and prepare the semi-annual reports.

The results of water-quality sampling under the WQMP will be presented in a report supported by attachments containing chain-of-custody sheets, field notes and observations, water sampling logs, maps, analytical results, and any other applicable materials. The reports will include groundwater completion report form and groundwater elevation contour map, both signed and sealed by a Florida registered professional engineer. These reports will be submitted to the SWDD for review prior to submittal to the FDEP. The reports (in Adobe format) and analytical data Electronic Data Deliverable (EDD) will be submitted electronically to the FDEP using the ADaPT software in accordance with Section V.E of the Class I Permit WQMP and paragraphs 24 and 25 of the C&D Permit WQMP. According to the WQMPs, monitoring test results shall be submitted to the FDEP within 60 days from completion of laboratory analyses.

### **Phase 3 – Quarterly Assessment Monitoring and Reporting (Both C&D Debris Disposal Facility and Class I Landfill)**

Geosyntec will perform quarterly sampling events for Calendar Year 2026 (January, April, July, and October) of five (5) groundwater wells (MW-21S, MW-49S, MW-50S, MW-51S, and MW-52S) and four (4) surface water sample sites (SW-LC1, SW-LC3, LC-SW4, and LC-SW6) for

the C&D debris disposal facility and at seven (7) groundwater monitoring wells (MW-3S, MW-14S, MW-44S, MW-44I, MW-53S, MW-54S, and MW-54I) and four (4) surface water samples (C5-SW1, SW-MW-14S, SW-MW-53S, and SW-MW-54S) for the Class I landfill.

The January and July sampling will be performed as part of the semi-annual sampling program under Phase 2 for the C&D debris disposal facility and assumed to take three (3) additional days per event to complete. The April and October data collection and sampling will each take four (4) days to complete. Geosyntec will deliver the samples to Eurofins laboratory for analytical testing under the SWDD's contract (i.e., Eurofins will directly invoice the SWDD for laboratory charges).

For the C&D debris disposal facility, the quarterly assessment monitoring samples (including those collected in January and July) will be analyzed for the routine monitoring parameters listed in Paragraph 8 of the WQMP (C&D Permit) plus arsenic and benzene.

For the Class I landfill, the quarterly assessment groundwater monitoring samples will be sampled for parameters as required by subparagraph 62-701.510(6)(a)3, F.A.C. The surface water samples will be sampled and screened for field parameters.

Geosyntec will assist the SWDD in coordinating the analytical testing activities with Eurofins, notify the FDEP prior to sampling as required by the WQMP, review and evaluate the analytical test results, and prepare a letter report for each quarterly assessment monitoring event.

The reports will be submitted in draft forms to the SWDD for review and comment and will be finalized, with the SWDD's comments implemented, for submittal to the FDEP. Any changes to the monitoring and reporting requirements that might be requested by the FDEP based on the results of the quarterly assessment monitoring will be performed under Phase 6 below.

#### **Phase 4 – Storage Tank Monitoring Well Sampling and Reporting**

In accordance with Table 2 of the Order, Geosyntec will assist the SWDD with quarterly monitoring of well associated with the leachate storage tank, analytical testing by Eurofins under direct contract to the SWDD, and preparation of the 2026 Annual Summary Report for submittal to the FDEP.

It is assumed that SWDD will perform or coordinate daily visual inspection for leaks, monthly hydrostatic testing and annual interior inspection for the leachate storage tank (as required by the Class I Permit and the Order) and provide documentation to Geosyntec for inclusion in the 2026 Annual Summary Report, as appropriate.

### **Phase 5 – Title V Permit Compliance and Reporting**

Geosyntec will assist the SWDD in complying with the operation, monitoring, and reporting requirements for the active landfill gas collection and control system (GCCS) under the current Title V Air Operation Permit No. 0610015-010-AV. The following permit compliance support services will be provided:

- **Annual Statement of Compliance:** Geosyntec will prepare and submit the annual Statement of Compliance for the Class I Landfill. This compliance document must be submitted to the FDEP within 60 days after the end of the calendar year, as required by subparagraph 62-213.440(3)(a)(2), F.A.C.
- **Electronic Annual Operating Report (EAOR):** Geosyntec will prepare and submit to the FDEP the EAOR for the Class I landfill for the calendar year 2025. This report be submitted on or before April 1 of each calendar year, as required by subsection 62-210.370(3), F.A.C. As part of this task, Geosyntec will perform calculations to estimate the annual emission rates of non-methane organic compounds (NMOCs) and VOCs from the LFG to determine if the facility designation has changed from voluntary to mandatory with regard to operation and reporting requirements of the active GCCS under the New Source Performance Standards (NSPS) requirements. The results of the annual LFG sulfur content test will be used in the EAOR calculations. In the event of a status change, Geosyntec will advise the SWDD of its implications.
- **Semi-Annual Monitoring Report:** Geosyntec will prepare and submit two semi-annual monitoring reports to demonstrate compliance with the federal requirements of the Title V permit. The reports will address the following permit conditions or compliance requirements:
  - Submittal of reports of any required monitoring at least every 6 months. All instances of deviations from permit requirements must be clearly identified in such reports.
  - Reporting, in accordance with requirements of subsection 62-210.700(6) and Rule 62-4.130, F.A.C., of deviations from permit requirements, including those attributable to upset conditions defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventative measures taken.
  - Reports shall be accompanied by a responsible official, pursuant to subsection 62-213.420(4), F.A.C.

The reports will only address deviations from the Title V permit conditions. Landfill and LFG operation and maintenance (O&M) data are not required to be reviewed and submitted to the FDEP per the Title V permit.

- **Annual Title V Emissions Fee:** The EAOR application used for reporting to the FDEP will automatically calculate the annual emission fee for the facility. Geosyntec will notify the SWDD of the fee amount and will submit the check for payment of the fee on behalf of the SWDD prior to the April 1 deadline.
- **Annual LFG Sulfur Content Test:** Geosyntec will collect three samples of LFG annually to determine the sulfur content in accordance with ASTM Method D5504-12 or D7493. The samples will be tested by a certified air testing laboratory. The laboratory test results will be used to calculate sulfur emissions and a report prepared for submittal to the FDEP. The LFG sulfur content testing will be completed no later than 31 December 2026, and the corresponding reporting will be completed no later than 45 days after testing.

#### **Phase 6 – Technical and Miscellaneous Permit Compliance Support and Reporting**

Under this phase, Geosyntec will provide the SWDD with technical support and miscellaneous permit compliance support services related to the Class I landfill and C&D disposal facility on an as-needed basis. These services may include:

- reporting required by the Multi-Sector Generic Permit for stormwater discharge;
- quarterly monitoring and reporting of the LFG monitoring wells located at the perimeter of the site and also in enclosed structures;
- miscellaneous permit and compliance support services;
- assistance with preparing annual budgets for the SWDD;
- preparing agenda items for and attending the SWDD Board of County Commissioners meetings upon request;
- sampling and reporting for additional monitoring wells and surface water for the C&D debris disposal facility depending on the results of the semi-annual and quarterly sampling and analytical testing; and
- other services as needed.

As part of these services, Geosyntec proposes to assist the SWDD with the evaluation and resolution of issues pertaining to the exceedances in select analytes of the C&D debris disposal facility and Class I landfill monitoring wells and surface sample sites should these issues arise.

## **SCHEDULE**

Upon receipt of Notice to Proceed (NTP) from the SWDD, Geosyntec will initiate work on 1 January 2026 or immediately if authorization is provided after 1 January 2026. The compliance reports required by each permit will be completed and submitted to the FDEP before the deadlines discussed above. Other technical and miscellaneous permit compliance support services will be provided on an as-needed basis.

## **BUDGET ESTIMATE**

Geosyntec proposes to perform the above-referenced work on a lump sum basis for \$287,637.28. A budget estimate for the scope of work outlined in Phases 1 through 6 of this proposal is summarized in the following table, and a detailed budget estimate is provided as Attachment 1. The budget estimate presented in this proposal is based on Geosyntec's understanding of the project requirements, our experience gained from executing similar tasks for the SWDD during 2007 and 2008 as well as 2020 through 2025, and experience with compliance monitoring, and reporting at similar facilities.

|                                                                               |                     |
|-------------------------------------------------------------------------------|---------------------|
| Phase 1 – General Consulting/Meeting Support/Project Management               | \$36,377.76         |
| Phase 2 – Semi-Annual Sampling and Reporting                                  | \$63,488.80         |
| Phase 3 – Quarterly Assessment Monitoring and Reporting                       | \$87,333.28         |
| Phase 4 – Storage Tank Groundwater Monitoring Well Sampling and Reporting     | \$32,091.24         |
| Phase 5 – Title V Permit Compliance and Reporting                             | \$26,260.00         |
| Phase 6 – Technical and Miscellaneous Permit Compliance Support and Reporting | \$42,086.20         |
| <b>TOTAL</b>                                                                  | <b>\$287,637.28</b> |

Geosyntec will invoice the SWDD each month of the project on a lump sum, percent complete basis in accordance with our Agreement. Additional services or any significant change in the scope of work will be performed using the Rate Schedule included in our Agreement. Geosyntec will not exceed the budget estimate without prior approval and written authorization from the SWDD.

## CLOSURE

Geosyntec appreciates this opportunity to offer our services. If this proposal is acceptable, please indicate your agreement by signing the attached work authorization, which references this proposal. Please return one signed work authorization to Ms. Graver's attention. Please call either of the undersigned with questions you may have as you review this proposal.

Sincerely,



Mary Turner, P.E.  
Project Engineer



Cristina Graver, P.E.  
Principal

Copies – Tim Copeland, Ph.D., P.E. – Geosyntec  
Ron T. Jones, BCEE – SWDD

**Attachment 1– Detailed Budget Estimate**

**ATTACHMENT 1**

**BUDGET ESTIMATE**

Table 1

**BUDGET ESTIMATE**  
**2026 COMPLIANCE MONITORING, REPORTING AND OTHER**  
**TECHNICAL SUPPORT SERVICES**  
**CLASS I LANDFILL AND C&D DEBRIS DISPOSAL FACILITY**  
**INDIAN RIVER COUNTY, FLORIDA**

**PHASE 01: GENERAL CONSULTING/MEETING SUPPORT/PROJECT MANAGEMENT**

| ITEM                                              | BASIS    | RATE   | QUANTITY | ESTIMATED COST     |
|---------------------------------------------------|----------|--------|----------|--------------------|
| <b>A. Professional Services</b>                   |          |        |          |                    |
| a. Senior Principal                               | Hr       | \$310  | 0        | \$0.00             |
| b. Principal                                      | Hr       | \$287  | 42       | \$12,054.00        |
| c. Senior Professional                            | Hr       | \$265  | 66       | \$17,490.00        |
| d. Project Professional                           | Hr       | \$235  | 0        | \$0.00             |
| e. Professional                                   | Hr       | \$207  | 0        | \$0.00             |
| f. Senior Staff Professional                      | Hr       | \$184  | 12       | \$2,208.00         |
| g. Staff Professional                             | Hr       | \$160  | 0        | \$0.00             |
| <b>Subtotal Professional Services</b>             |          |        |          | <b>\$31,752.00</b> |
| <b>B. Technical/Administrative Services</b>       |          |        |          |                    |
| a. Designer                                       | Hr       | \$165  | 0        | \$0.00             |
| b. Senior Drafter/Senior CADD Operator            | Hr       | \$150  | 0        | \$0.00             |
| c. Project Administrator                          | Hr       | \$90   | 36       | \$3,240.00         |
| d. Clerical                                       | Hr       | \$68   | 0        | \$0.00             |
| <b>Subtotal Technical/Administrative Services</b> |          |        |          | <b>\$3,240.00</b>  |
| <b>C. Reimbursables</b>                           |          |        |          |                    |
| a. Lodging                                        | Day      | \$150  | 0        | \$0.00             |
| b. Per Diem                                       | Day      | \$55   | 0        | \$0.00             |
| c. Communications Fee                             | 3% Labor | \$0.03 | \$34,992 | \$1,049.76         |
| d. CADD Computer System                           | Hr       | \$15   | 0        | \$0.00             |
| e. Vehicle Rental & Fuel                          | Day      | \$150  | 2        | \$300.00           |
| f. 8"x11" Photocopies                             | Each     | \$0.12 | 300      | \$36.00            |
| g. CADD Drawings                                  | Each     | \$3    | 0        | \$0.00             |
| <b>Subtotal Reimbursables</b>                     |          |        |          | <b>\$1,385.76</b>  |
| <b>TOTAL ESTIMATED BUDGET : PHASE 01</b>          |          |        |          | <b>\$36,377.76</b> |

Table 2

**BUDGET ESTIMATE**  
**2026 COMPLIANCE MONITORING, REPORTING AND OTHER**  
**TECHNICAL SUPPORT SERVICES**  
**CLASS I LANDFILL AND C&D DEBRIS DISPOSAL FACILITY**  
**INDIAN RIVER COUNTY, FLORIDA**

**PHASE 02: SEMI-ANNUAL SAMPLING AND REPORTING**

| ITEM                                              | BASIS    | RATE   | QUANTITY | ESTIMATED COST     |
|---------------------------------------------------|----------|--------|----------|--------------------|
| <b>A. Professional Services</b>                   |          |        |          |                    |
| a. Senior Principal                               | Hr       | \$310  | 0        | \$0.00             |
| b. Principal                                      | Hr       | \$287  | 24       | \$6,888.00         |
| c. Senior Professional                            | Hr       | \$265  | 40       | \$10,600.00        |
| d. Project Professional                           | Hr       | \$235  | 0        | \$0.00             |
| e. Professional                                   | Hr       | \$207  | 16       | \$3,312.00         |
| f. Senior Staff Professional                      | Hr       | \$184  | 160      | \$29,440.00        |
| g. Staff Professional                             | Hr       | \$160  | 0        | \$0.00             |
| <b>Subtotal Professional Services</b>             |          |        |          | <b>\$50,240.00</b> |
| <b>B. Technical/Administrative Services</b>       |          |        |          |                    |
| a. Designer                                       | Hr       | \$165  | 0        | \$0.00             |
| b. Senior Drafter/Senior CADD Operator            | Hr       | \$150  | 20       | \$3,000.00         |
| c. Project Administrator                          | Hr       | \$90   | 8        | \$720.00           |
| d. Clerical                                       | Hr       | \$68   | 0        | \$0.00             |
| <b>Subtotal Technical/Administrative Services</b> |          |        |          | <b>\$3,720.00</b>  |
| <b>C. Reimbursables</b>                           |          |        |          |                    |
| a. Field Vehicle                                  | Day      | \$150  | 10       | \$1,500.00         |
| b. Miscellaneous Supplies                         | Day      | \$50   | 10       | \$500.00           |
| c. Communications Fee                             | 3% Labor | \$0.03 | \$53,960 | \$1,618.80         |
| d. Lodging                                        | Day      | \$164  | 10       | \$1,640.00         |
| e. Groundwater Sampling Kit (per sampler)         | Day      | \$300  | 10       | \$3,000.00         |
| f. Water Level Measurement Kit ( per sampler)     | Day      | \$30   | 10       | \$300.00           |
| g. Per Diem                                       | Day      | \$55   | 10       | \$550.00           |
| h. CADD Computer System                           | Hr       | \$15   | 20       | \$300.00           |
| i. 8"x11" Photocopies                             | Each     | \$0.12 | 500      | \$60.00            |
| j. CADD Drawings                                  | Each     | \$3    | 20       | \$60.00            |
| <b>Subtotal Reimbursables</b>                     |          |        |          | <b>\$9,528.80</b>  |
| <b>TOTAL ESTIMATED BUDGET : PHASE 02</b>          |          |        |          | <b>\$63,488.80</b> |

Table 3

**BUDGET ESTIMATE**  
**2026 COMPLIANCE MONITORING, REPORTING AND OTHER**  
**TECHNICAL SUPPORT SERVICES**  
**CLASS I LANDFILL AND C&D DEBRIS DISPOSAL FACILITY**  
**INDIAN RIVER COUNTY, FLORIDA**

**PHASE 03: QUARTERLY ASSESSMENT MONITORING AND REPORTING**

| ITEM                                              | BASIS    | RATE   | QUANTITY | ESTIMATED COST     |
|---------------------------------------------------|----------|--------|----------|--------------------|
| <b>A. Professional Services</b>                   |          |        |          |                    |
| a. Senior Principal                               | Hr       | \$310  | 0        | \$0.00             |
| b. Principal                                      | Hr       | \$287  | 40       | \$11,480.00        |
| c. Senior Professional                            | Hr       | \$265  | 80       | \$21,200.00        |
| d. Project Professional                           | Hr       | \$235  | 0        | \$0.00             |
| e. Professional                                   | Hr       | \$207  | 16       | \$3,312.00         |
| f. Senior Staff Professional                      | Hr       | \$184  | 210      | \$38,640.00        |
| g. Staff Professional                             | Hr       | \$160  | 0        | \$0.00             |
| <b>Subtotal Professional Services</b>             |          |        |          | <b>\$74,632.00</b> |
| <b>B. Technical/Administrative Services</b>       |          |        |          |                    |
| a. Designer                                       | Hr       | \$165  | 0        | \$0.00             |
| b. Senior Drafter/Senior CADD Operator            | Hr       | \$150  | 20       | \$3,000.00         |
| c. Project Administrator                          | Hr       | \$90   | 0        | \$0.00             |
| d. Clerical                                       | Hr       | \$68   | 8        | \$544.00           |
| <b>Subtotal Technical/Administrative Services</b> |          |        |          | <b>\$3,544.00</b>  |
| <b>C. Reimbursables</b>                           |          |        |          |                    |
| a. Field Vehicle                                  | Day      | \$150  | 10       | \$1,500.00         |
| b. Miscellaneous Supplies                         | Day      | \$50   | 10       | \$500.00           |
| c. Communications Fee                             | 3% Labor | \$0.03 | \$78,176 | \$2,345.28         |
| d. Lodging                                        | Day      | \$164  | 8        | \$1,312.00         |
| e. Groundwater Sampling Kit (per sampler)         | Day      | \$300  | 8        | \$2,400.00         |
| f. Water Level Measurement Kit ( per sampler)     | Day      | \$30   | 8        | \$240.00           |
| g. Per Diem                                       | Day      | \$55   | 8        | \$440.00           |
| h. CADD Computer System                           | Hr       | \$15   | 20       | \$300.00           |
| i. 8"x11" Photocopies                             | Each     | \$0.12 | 500      | \$60.00            |
| j. CADD Drawings                                  | Each     | \$3    | 20       | \$60.00            |
| <b>Subtotal Reimbursables</b>                     |          |        |          | <b>\$9,157.28</b>  |
| <b>TOTAL ESTIMATED BUDGET : PHASE 03</b>          |          |        |          | <b>\$87,333.28</b> |

Table 4

**BUDGET ESTIMATE**  
**2026 COMPLIANCE MONITORING, REPORTING AND OTHER**  
**TECHNICAL SUPPORT SERVICES**  
**CLASS I LANDFILL AND C&D DEBRIS DISPOSAL FACILITY**  
**INDIAN RIVER COUNTY, FLORIDA**

**PHASE 04: STORAGE TANK MONITORING WELLS SAMPLING & REPORTING**

| ITEM                                              | BASIS    | RATE   | QUANTITY | ESTIMATED COST     |
|---------------------------------------------------|----------|--------|----------|--------------------|
| <b>A. Professional Services</b>                   |          |        |          |                    |
| a. Senior Principal                               | Hr       | \$310  | 0        | \$0.00             |
| b. Principal                                      | Hr       | \$287  | 12       | \$3,444.00         |
| c. Senior Professional                            | Hr       | \$265  | 24       | \$6,360.00         |
| d. Project Professional                           | Hr       | \$235  | 0        | \$0.00             |
| e. Professional                                   | Hr       | \$207  | 8        | \$1,656.00         |
| f. Senior Staff Professional                      | Hr       | \$184  | 92       | \$16,928.00        |
| g. Staff Professional                             | Hr       | \$160  | 0        | \$0.00             |
| <b>Subtotal Professional Services</b>             |          |        |          | <b>\$28,388.00</b> |
| <b>B. Technical/Administrative Services</b>       |          |        |          |                    |
| a. Designer                                       | Hr       | \$165  | 0        | \$0.00             |
| b. Senior Drafter/Senior CADD Operator            | Hr       | \$150  | 4        | \$600.00           |
| c. Project Administrator                          | Hr       | \$90   | 8        | \$720.00           |
| d. Clerical                                       | Hr       | \$68   | 0        | \$0.00             |
| <b>Subtotal Technical/Administrative Services</b> |          |        |          | <b>\$1,320.00</b>  |
| <b>C. Reimbursables</b>                           |          |        |          |                    |
| a. Lodging                                        | Day      | \$150  | 4        | \$600.00           |
| b. Per Diem                                       | Day      | \$55   | 4        | \$220.00           |
| c. Communications Fee                             | 3% Labor | \$0.03 | \$29,708 | \$891.24           |
| d. CADD Computer System                           | Hr       | \$15   | 4        | \$60.00            |
| e. Vehicle Rental & Fuel                          | Day      | \$150  | 4        | \$600.00           |
| f. 8"x11" Photocopies                             | Each     | \$0.12 | 0        | \$0.00             |
| g. CADD Drawings                                  | Each     | \$3    | 4        | \$12.00            |
| <b>Subtotal Reimbursables</b>                     |          |        |          | <b>\$2,383.24</b>  |
| <b>TOTAL ESTIMATED BUDGET : PHASE 04</b>          |          |        |          | <b>\$32,091.24</b> |

Table 6

**BUDGET ESTIMATE**  
**2026 COMPLIANCE MONITORING, REPORTING AND OTHER**  
**TECHNICAL SUPPORT SERVICES**  
**CLASS I LANDFILL AND C&D DEBRIS DISPOSAL FACILITY**  
**INDIAN RIVER COUNTY, FLORIDA**

**PHASE 05: TITLE V PERMIT COMPLIANCE AND REPORTING**

| ITEM                                              | BASIS    | RATE    | QUANTITY | ESTIMATED COST     |
|---------------------------------------------------|----------|---------|----------|--------------------|
| <b>A. Professional Services</b>                   |          |         |          |                    |
| a. Senior Principal                               | Hr       | \$310   | 0        | \$0.00             |
| b. Principal                                      | Hr       | \$287   | 10       | \$2,870.00         |
| c. Senior Professional                            | Hr       | \$265   | 20       | \$5,300.00         |
| d. Project Professional                           | Hr       | \$235   | 0        | \$0.00             |
| e. Professional                                   | Hr       | \$207   | 30       | \$6,210.00         |
| f. Senior Staff Professional                      | Hr       | \$184   | 40       | \$7,360.00         |
| g. Staff Professional                             | Hr       | \$160   | 0        | \$0.00             |
| <b>Subtotal Professional Services</b>             |          |         |          | <b>\$21,740.00</b> |
| <b>B. Technical/Administrative Services</b>       |          |         |          |                    |
| a. Designer                                       | Hr       | \$165   | 0        | \$0.00             |
| b. Senior Drafter/Senior CADD Operator            | Hr       | \$150   | 6        | \$900.00           |
| c. Project Administrator                          | Hr       | \$90    | 4        | \$360.00           |
| d. Clerical                                       | Hr       | \$68    | 0        | \$0.00             |
| <b>Subtotal Technical/Administrative Services</b> |          |         |          | <b>\$1,260.00</b>  |
| <b>C. Reimbursables</b>                           |          |         |          |                    |
| a. Lodging                                        | Day      | \$150   | 2        | \$300.00           |
| b. Per Diem                                       | Day      | \$55    | 2        | \$110.00           |
| c. Communications Fee                             | 3% Labor | \$0.03  | \$23,000 | \$690.00           |
| d. CADD Computer System                           | Hr       | \$15    | 6        | \$90.00            |
| e. Vehicle Rental & Fuel                          | Day      | \$150   | 2        | \$300.00           |
| f. 8"x11" Photocopies                             | Each     | \$0.12  | 500      | \$60.00            |
| g. CADD Drawings                                  | Each     | \$3     | 20       | \$60.00            |
| h. Subcontractor                                  | LS       | \$1,500 | 1.1      | \$1,650.00         |
| <b>Subtotal Reimbursables</b>                     |          |         |          | <b>\$3,260.00</b>  |
| <b>TOTAL ESTIMATED BUDGET : PHASE 05</b>          |          |         |          | <b>\$26,260.00</b> |

Table 6

**BUDGET ESTIMATE**  
**2026 COMPLIANCE MONITORING, REPORTING AND OTHER**  
**TECHNICAL SUPPORT SERVICES**  
**CLASS I LANDFILL AND C&D DEBRIS DISPOSAL FACILITY**  
**INDIAN RIVER COUNTY, FLORIDA**

**PHASE 06: TECHNICAL MISCELLANEOUS COMPLIANCE SUPPORT SERVICES**

| ITEM                                              | BASIS    | RATE   | QUANTITY | ESTIMATED COST     |
|---------------------------------------------------|----------|--------|----------|--------------------|
| <b>A. Professional Services</b>                   |          |        |          |                    |
| a. Senior Principal                               | Hr       | \$310  | 0        | \$0.00             |
| b. Principal                                      | Hr       | \$287  | 40       | \$11,480.00        |
| c. Senior Professional                            | Hr       | \$265  | 40       | \$10,600.00        |
| d. Project Professional                           | Hr       | \$235  | 20       | \$4,700.00         |
| e. Professional                                   | Hr       | \$207  | 0        | \$0.00             |
| f. Senior Staff Professional                      | Hr       | \$184  | 60       | \$11,040.00        |
| g. Staff Professional                             | Hr       | \$160  | 0        | \$0.00             |
| <b>Subtotal Professional Services</b>             |          |        |          | <b>\$37,820.00</b> |
| <b>B. Technical/Administrative Services</b>       |          |        |          |                    |
| a. Designer                                       | Hr       | \$165  | 0        | \$0.00             |
| b. Senior Drafter/CADD Operator                   | Hr       | \$150  | 8        | \$1,200.00         |
| c. Project Administrator                          | Hr       | \$90   | 8        | \$720.00           |
| d. Clerical                                       | Hr       | \$68   | 0        | \$0.00             |
| <b>Subtotal Technical/Administrative Services</b> |          |        |          | <b>\$1,920.00</b>  |
| <b>C. Reimbursables</b>                           |          |        |          |                    |
| a. Lodging                                        | Day      | \$150  | 2        | \$300.00           |
| b. Per Diem                                       | Day      | \$55   | 2        | \$110.00           |
| c. Communications Fee                             | 3% Labor | \$0.03 | \$39,740 | \$1,192.20         |
| d. CADD Computer System                           | Hr       | \$15   | 8        | \$120.00           |
| e. Vehicle Rental & Fuel                          | Day      | \$150  | 2        | \$300.00           |
| f. 8"x11" Photocopies                             | Each     | \$0.12 | 200      | \$24.00            |
| g. CADD Drawings                                  | Each     | \$3    | 100      | \$300.00           |
| <b>Subtotal Reimbursables</b>                     |          |        |          | <b>\$2,346.20</b>  |
| <b>TOTAL ESTIMATED BUDGET : PHASE 06</b>          |          |        |          | <b>\$42,086.20</b> |