

WORK ORDER 13

Title V Air Operations Permit Renewal

This Work Order Number 13 is entered into as of this 13th day of July, 2021, pursuant to that certain Continuing Contract Agreement, dated April 17, 2018, renewed and amended as of May 18, 2021 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Geosyntec Consultants, Inc. ("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 fee schedule set forth in Exhibit B (Fee Schedule), attached to this Work Order and made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit C (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:

**BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY**

By: _____

By: _____

Print Name: Jim Langenbach

Joseph E. Flescher, Chairman

Title: Sr Principal and Vice President

BCC Approved Date: _____

Attest: Jeffrey R. Smith, Clerk of Court and Comptroller

By: _____

Deputy Clerk

Approved: _____

Jason E. Brown, County Administrator

Approved as to form and legal sufficiency: _____

Dylan T. Reingold, County Attorney

EXHIBIT A

PROFESSIONAL SERVICES

1 July 2021

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

Subject: Proposal for Engineering Services
Title V Air Operation Permit Renewal Application
Indian River County Landfill Facility
Vero Beach, Indian River County, Florida

Dear Mr. Mehta:

Geosyntec Consultants, Inc. (Geosyntec) is pleased to submit this proposal to Indian River County (IRC), Solid Waste Disposal District (SWDD) to provide engineering services related to the renewal of the five-year Title V Air Operation Permit for the IRC Landfill (IRCL) facility. The current 5-year permit (Permit No. 0610015-007-AV) will expire on June 1, 2022 with the renewal application due on October 19, 2021. This proposal presents the scope of work, schedule, and budget estimate for the preparation and submittal to the Florida Department of Environmental Protection (FDEP), the application for the renewal permit, including Tier 2 testing and analysis to estimate the annual quantity of non-methane organic compounds (NMOC) emissions from the IRC Class I Landfill, and responding to requests for additional information (RAIs) by the FDEP. The proposal was prepared in response to a verbal request from Mr. Himanshu Mehta, P.E., Managing Director, of SWDD, during telephone conversations with Dr. Kwasi Badu-Tweneboah, P.E. of Geosyntec.

Geosyntec has prepared this proposal as Exhibit A of CCNA-2018-WO No. 13, pursuant to that certain Continuing Contract Agreement, dated April 17, 2018, renewed and amended as of May 18, 2021 (collectively referred to as the “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 work; (iii) schedule; and (iv) budget estimate and assumptions.

PROJECT BACKGROUND

The IRCL facility is located in southern Indian River County, east of Interstate 95, south of Oslo Road, and west of Rangeline Road in Vero Beach, Florida. The landfill serves the unincorporated Indian River County and municipalities of Vero Beach, Orchid, Fellsmere, Sebastian, and Indian River Shores. The SWDD administers the management and operation of the Class I Landfill at the IRCL facility, and as such, it is the permit holder of the IRCL facility. This landfill facility is currently operating under Title V Air Operation Permit No. 0610015-007-AV, effective June 1, 2017. The existing Class I Landfill has a voluntarily installed gas collection and control system (GCCS) for those areas at final, or close to final, grades. Segment 1 vertical expansion, Segment 2, and the Infill Area of the IRCL have an existing GCCS that consists of vertical and horizontal gas extraction wells, gas collection lateral and header pipes, blower, and flare. The gas collection system in Segment 3, Cell 1 of the Class I Landfill is currently under construction and will tie into the existing GCCS. Collected landfill gas is piped to a flare/blower system, located northeast of Segment 2, where the combustible components are oxidized by incineration. In 2019 SWDD constructed Cell 2 of Segment 3 of the Class I Landfill. This cell has been used for waste placement since 2020 but has no GCCS installed yet.

Geosyntec also understands that the IRCL facility is currently not regulated under the New Source Performance Standards (NSPS) for municipal solid waste (MSW) landfills as identified in Subpart WWW of 40 CFR, Part 60 (Subpart WWW). This is either because the Class I Landfill either commenced construction, reconstruction, or modification on or after May 30, 1991, but before July 18, 2014. Also, even though the IRCL facility had initial design capacity exceeding 2.5 million Mg and 2.5 million m³ of solid waste, its NMOC emission rate was less than 50 Mg/yr required by Subpart WWW during the previous permit renewals.

It should be noted that the U.S. Environmental Protection Agency (EPA) published in the Federal Register, dated August 29, 2016, a subpart (Subpart XXX) that updated the Standards of Performance of MSW Landfills. Subpart XXX became effective on October 28, 2016 and applies to MSW landfills for which construction, reconstruction, or modification commenced after July 17, 2014. Concurrently, the EPA published a new subpart (Subpart Cf) that updates the Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills, which applies to MSW landfills that commenced construction, modification, or reconstruction on or before July 17, 2014.

The EPA subsequently published in the Federal Register, dated May 21, 2021, a new Federal Plan as 40 CFR 62, Subpart OOO. This Federal Plan implements the 2016 emission guidelines for existing MSW landfills in 40 CFR Part 60, Subpart Cf that are located in states that did not have approved and effective state plans. This federal plan became effective on June 21, 2021

and applies to MSW landfills that commenced construction, modification, or reconstruction on or before July 17, 2014 and have not been modified (i.e., increase in permitted volume design capacity through vertical or horizontal expansion) since July 17, 2014. One of the significant changes to the NSPS requirements under 40 CFR 60, Subparts XXX and Cf and 40 CFR 62, OOO is to reduce the NMOC emission threshold from 50 megagrams per year (Mg/yr) to 34 Mg/yr. Facilities that exceed the new threshold are required to purchase, install, and operate a GCCS. The new rule also requires the submission of the following reports to the EPA no later than September 20, 2021: (i) Design Capacity report; and (ii) NMOC emission rate report.

Based on our preliminary understanding and interpretation of the latest Federal Plan, the IRCL facility will be subject to Subpart OOO including a lowered NMOC emission threshold and requirement to submit to EPA the above two reports. A NSPS Tier 2 NMOC emissions rate report was prepared and submitted to FDEP as part of the Title V Air Operation Permit Renewal application in December 2016. A Title V Air Operation Permit Revision application was submitted in November 2018 to incorporate two emergency standby generator units that were installed later on. A similar Tier 2 testing previously conducted for the December 2016 application will be performed to estimate the site-specific NMOC concentration to recalculate and submit a Tier 2 NMOC emission rate report as part of this 2021 permit renewal application in addition to the submittal required by EPA.

PROPOSED SCOPE OF WORK

This project includes professional engineering services required to renew the Title V Air Operation Permit for the IRCL facility. The scope of work is based on the requirements of Chapter 403 of the Florida Statute (F.S.), Chapters 62-4, 62-210 and 62-213 of the Florida Administrative Code (F.A.C.), and Geosyntec's understanding of the project based on information provided by SWDD and the NSPS requirements. Geosyntec will provide all engineering services necessary to prepare the 5-year permit renewal application, including Tier 2 testing to calculate the NMOC, and address any RAI from FDEP.

For budgeting purposes, the scope of work will be performed in four phases as follows:

- Phase 1 – General Consulting/Meeting Support/Project Management;
- Phase 2 – Design Capacity and NMOC Emission Rate Reports;
- Phase 3 – Title V Permit Renewal Application; and
- Phase 4 – Response to Regulatory Comments.

Each of these phases is briefly described below.

Phase 1 – General Consulting/Meeting Support/Project Management

Under this phase, Geosyntec will perform project planning and management responsibilities, such as correspondence with SWDD and FDEP, invoice review, project coordination, budget and schedule tracking and project administration. Geosyntec has also included a budget for preparation and attendance (by two Geosyntec personnel) at two meetings: (i) kickoff meeting with SWDD staff to obtain information required to complete the application; and (ii) a meeting with FDEP and SWDD to discuss specific permitting issues. Geosyntec has assumed that the FDEP meeting will be held via teleconference in order to reduce overall costs to the project.

Phase 2 – Design Capacity and NMOC Emission Rate Reports

Under this phase, Geosyntec will prepare the Design Capacity Report and NMOC Emission Rate Report that need to be submitted to the EPA by September 20, 2021 and then use the NMOC Emission Rate Report to prepare the Title V permit renewal application under Phase 3. Geosyntec will collect the required data and information from SWDD (and Republic Services, the landfill operator, if necessary) to prepare the Design Capacity Report.

The NMOC Emission Rate Report would require Tier 2 sampling and analytical testing of landfill gas. The scope of the Tier 2 testing and reporting phase includes the development of a test plan, field gas sampling, laboratory analysis, data evaluation, and reporting. We will collect gas samples from the existing gas collection system at a location prior to the flare station's blower and condensate knockout. Three samples will be collected into 6 or 8 liter SUMMA passivated canisters. Based on the construction schedule provided by SWDD, Geosyntec understands that expansion of the GCCS into Segment 3, Cell 1 should be substantially completed by 20 July 2021. Therefore, collecting gas samples at the flare station should be enough to meet the requirements of Tier 2 testing and NMOC emission rate calculations.

The three samples will be sent under chain-of-custody protocol to an analytical laboratory for testing. Samples will be analyzed for: (i) NMOC by EPA Method 25C; (ii) Oxygen (O₂) by EPA Method 3C; (iii) Nitrogen (N₂) by EPA Method 3C; (iv) Methane (CH₄) by EPA Method 3C; and Carbon Dioxide (CO₂) by EPA Method 3C. Sample collection and analysis will be performed by TRC Environmental Corporation (TRC), Alachua, Florida as a subcontractor to Geosyntec. A copy of TRC's proposal is included as **Attachment A**.

Geosyntec will review the analytical results, estimate annual NMOC mass emission rates, and prepare an NSPS Tier 2 NMOC emissions rate report that summarizes sampling and analysis activities and results. Data analysis will include the calculation of NMOC concentrations based

on laboratory analysis and waste acceptance rates. Geosyntec will use the EPA's Landfill Gas Emissions Model Version 3.02 to estimate the NMOC emission rate. Results and conclusions regarding the need for compliance with the NSPS monitoring and reporting requirements of the Class I Landfill will be based on the regulatory threshold of 34 Mg/yr of NMOC emissions. A copy of the NMOC Emission Rate Report will be submitted to EPA via the Compliance and Emissions Data Reporting Interface (CEDRI).

Phase 3 – Title V Permit Renewal Application

Geosyntec will prepare the FDEP Title V Air Operation Permit renewal application for the IRCL facility. Geosyntec will complete FDEP, Division of Air Resource Management Form No. 62-210.900(1) titled "Application for Air Permit - Long Form" and address the additional information items required by the form. The following activities will be performed to prepare the permit renewal application:

- Facility plot plan;
- Process flow diagram;
- Precautions to prevent emissions of unconfined particulate matter;
- List of insignificant activities;
- Identification of applicable requirements;
- Compliance report and plan
- Changes to current Title V Air Operation Permit;
- Fuel analysis or specification;
- Detailed description of control equipment;
- Procedures for startup and shutdown;
- Operation and maintenance plan;
- Previously submitted information; and
- Identification of applicable requirements

Geosyntec will describe the existing emission control system for IRCL facility, and calculate the emissions of air pollutants anticipated to be released into the environment by its operation.

Geosyntec will complete the required FDEP Form 62-210.900(1), and prepare a transmittal letter to FDEP that summarizes the permit renewal application package.

Phase 4 – Response to Regulatory Comments

Following submittal of the Permit Renewal Application, Geosyntec will schedule a teleconference with the Tallahassee office of the FDEP Air Resource Management Division (DARM) to present and discuss the application package. Geosyntec will provide FDEP with written responses to RAIs throughout the course of the permit application review process. For the purpose of the budget estimate, Geosyntec has estimated one response to FDEP RAI will be required.

Geosyntec will also review and provide comments on the draft Title V Permit issued by FDEP to ensure that it is consistent with the facility requirements and does not contain unexpected compliance and monitoring requirements.

SCHEDULE

Geosyntec will initiate work immediately upon receipt of Notice to Proceed (NTP) from SWDD. Geosyntec has assumed that this NTP would be issued no later than 13 July 2021 in order for us to complete the work and submit the two EPA-required reports by September 20, 2021 and the Title V Air Operation Permit Renewal Application to FDEP before the deadline of October 19, 2021. Also, we have tentatively scheduled the field sampling work for August 10, 2021 and will need to notify FDEP two weeks prior to the field work.

BUDGET ESTIMATE AND ASSUMPTIONS

The following assumptions were used to prepare the budget estimate discussed below:

- Sampling of the landfill gas will require one (1) day of field time with oversight provided by Geosyntec.
- The field work is tentatively scheduled for August 10, 2021 and FDEP notification will be required two weeks prior to this date (i.e. by July 27, 2021).
- Meetings with FDEP will be held via teleconference.

The budget estimate for the scope of work outlined in this proposal is summarized in the following table, and a detailed budget estimate is provided as **Attachment B**. Note that the budget estimate for Phase 2 includes TRC's fees for collecting the samples and testing. The budget estimate does not include permit fees that may be required at the time the permit application is submitted to FDEP.

Phase 1 – General Consulting/Meeting Support/Project Management	\$14,054
Phase 2 – Tier 2 Testing and Reporting	\$18,564
Phase 3 – Title V Renewal Permit Application	\$31,717
Phase 4 – Response to Regulatory Comments	<u>\$6,863</u>
Total Budget Estimate	\$71,198

Geosyntec will invoice 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 our scope of work will be performed, upon approval from SWDD, using the Rate Schedule included in our Agreement. Geosyntec will not exceed the cost estimate without prior approval and written authorization from 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 Dr. Badu-Tweneboah's attention. Please call the undersigned with questions you may have as you review this proposal.

Sincerely,

Kwasi Badu-Tweneboah, Ph.D., P.E.
Principal

Attachments

ATTACHMENT A
TIER 2 TESTING PROPOSAL



13351 Progress Boulevard, Suite A
Alachua, Florida 32615
T (352) 278-0037
TRCcompanies.com



Mr. Samir Ahmed
Geosyntec Consultants, Inc.
1200 Riverplace Boulevard, Suite 710
Jacksonville, Florida, 32207

Proposal Number 448925.9990, Revision 1
Proposal Date: June 30, 2021

RE: *Tier II Sampling and Analysis at the Indian River County Landfill in 2021*

Dear Mr. Ahmed,

TRC Environmental Corporation (TRC) is pleased to submit this proposal to provide air measurement services to Geosyntec Consultants, Inc. (Geosyntec) at the Indian River County Landfill facility in Vero Beach, Florida. We understand that the services you have requested are required to conduct Tier II sampling and analysis of the landfill gases at the Indian River County Landfill for determination of non-methane organic compounds (NMOC) concentrations for use in Tier I calculations as part of the facility Title V permit applicable renewal. This letter defines our proposed scope of services, schedule, staffing, and price for the test program Geosyntec identified in our phone call on Monday, June 14, 2021 and follow-up email on June 29, 2021.

As you evaluate proposals for this important test program, please consider the following factors that we believe differentiate TRC and are essential to an emission-testing program that will serve your business objectives:

- TRC knows your industry and understands the expectations of the regulatory community. We have performed a range of test programs for the solid waste industry and we have solid relationships with regulators in Florida.
- TRC uses a true project management model. Leonard Brenner will serve as the Project Director/Senior Manager for this project. Leonard has more than 28 years of emission testing experience and has managed numerous emission testing programs for a variety of industrial clients including solid waste facilities. Leonard will serve as your primary point of contact, keeping you apprised of project progress each step of the way.
- Our test teams are experienced and equipped with properly maintained instrumentation, which is calibrated and traceable to the National Institute of Standards and Technology (NIST). As a result, we can help manage the risk of incurring unnecessary costs associated with maintaining operating conditions that may not meet your production needs but are required for the test program.
- The safe execution of all aspects of our job is the first priority at TRC. TRC has achieved an Experience Modification Rate (EMR) of 0.82 and a Total Recordable Incident Rate (TRIR) of 0.19 for 2020. We follow our safety program requirements and we will follow yours.
- TRC is the first Air Emissions Testing Body (AETB) in the world to receive third-party accreditation to ASTM D7036 under the joint A2LA and Stack Testing Accreditation Council (STAC) evaluation process. Independent, third-party accreditation means that our management systems have been evaluated

and have been found to conform to ASTM D7036 - a quality management standard that is directly applicable to source testing **and** a requirement for all Part 75 test programs. As a result, the data quality objectives necessary to produce reliable measurement results will be achieved.

- TRC understands your business needs to receive test data in a timely basis and on schedule. TRC is committed to providing emission results, test plans, and reports on schedule.

Proposed Scope of Services

TRC will provide the labor, equipment, and technical expertise required to conduct your testing program as outlined below. The testing will be conducted at a landfill located in Indian River County by an Environmental Scientist. The actual mobilization, testing and equipment set-up and sampling, and demobilization will be conducted over a one-day schedule. All testing shall be conducted in one mobilization.

The actual scope of work is to consist of the collection of landfill gas samples from the common header of the flare skid at a location prior to any condensate removal system at the Indian River Landfill. Samples will be collected into 6- or 8-liter SUMMA passivated canisters (supplied by an analytical laboratory), pre-charged halfway with Helium, in accordance with EPA Method 25C protocols. Three samples shall be collected at this location. The budget includes shipment of samples to and from an analytical laboratory (2-day air with tracking labels) for analysis via EPA Methods 3C and 25C. Geosyntec or the landfill owner shall supply a landfill gas analyzer to purge the sampling system and verify the validity of the landfill gas (must contain less than 5% oxygen) just prior to sample collection. Alternately, if an analyzer is not available, TRC can rent an analyzer for a fee, provided in the optional pricing with this proposal.

TRC will perform the tests summarized in the following table(s):

Table 1: Test Program Requirements, Flare Skid				
Parameter	Method	# of Samples	Duration (min)	Comment
NMOC	EPA Method 25C	3	15 to 20	Samples collected in triplicate and averaged
Oxygen (O ₂)	EPA Method 3C	3	15 to 20	Samples collected in triplicate and averaged
Nitrogen (N ₂)	EPA Method 3C	3	15 to 20	Samples collected in triplicate and averaged
Methane (CH ₄)	EPA Method 3C	3	15 to 20	Samples collected in triplicate and averaged
Carbon Dioxide (CO ₂)	EPA Method 3C	3	15 to 20	Samples collected in triplicate and averaged

Should Geosyntec determine that additional sampling is required for the Tier II sampling program, then an additional nine samples will be collected from locations designated by Geosyntec. These samples shall be collected by placing nine landfill gas probes in the landfill using a pilot probe inserted with a front-end loader. These samples shall be placed in predetermined locations, marked, and flagged by Geosyntec. The front-end loader and operator shall be supplied by the landfill facility. Alternately, if a front end-

loader and operator are not available from the landfill, TRC can subcontract for an additional fee, with an estimate provided in the optional pricing with this proposal. Samples will be collected 24-hours following probe placement into 6- or 8-liter SUMMA passivated canisters, compositing samples from three locations into each canister for a total of three additional samples analyzed.

Table 2: Optional Test Program, Sample Probe Placement and Tier II Sampling Across Landfill				
Parameter	Method	# of Samples	Duration (min)	Comment
NMOC	EPA Method 25C	9 probes 3 samples	5 to 10	Three sample locations shall be composited as one canister
Oxygen (O ₂)	EPA Method 3C	9 probes 3 samples	5 to 10	Three sample locations shall be composited as one canister
Nitrogen (N ₂)	EPA Method 3C	9 probes 3 samples	5 to 10	Three sample locations shall be composited as one canister
Methane (CH ₄)	EPA Method 3C	9 probes 3 samples	5 to 10	Three sample locations shall be composited as one canister
Carbon Dioxide (CO ₂)	EPA Method 3C	9 probes 3 samples	5 to 10	Three sample locations shall be composited as one canister

TRC will review the EPA website (<http://www.epa.gov/ttn/emc/email.html#audit>) in advance of the test program to determine if audit samples are available for this scope of work. If audit samples are available and the applicable regulatory agency(s) requires them for this scope of work, TRC can procure them on behalf of Geosyntec. Note that this process may take up to 30 days and will require a change order.

Project Schedule

TRC will execute the referenced scope of services according to the following schedule:

Table 3: Proposed Test Program Schedule			
Day	Activity	# of Staff	On-site Hours
Tuesday, August 10, 2021	Table 1: Base Scope of Work Collect three samples for NMOC, O ₂ , N ₂ , CO ₂ , and O ₂ analysis from the Landfill Flare Skid Header, at a location prior to the condensate removal system.	1	3 hours
Alternate Test Program Schedule			
Tuesday September 7, 2021 and Wednesday September 8, 2021	Tables 1 and 2: Base Scope + Optional Scope of Work Day 1: Place nine landfill gas probes, verify quality of landfill gas. Day 2: Collect three samples for NMOC, O ₂ , N ₂ , CO ₂ , and O ₂ analysis from the Landfill Flare Skid Header, at a location prior to the condensate removal system. Collect an additional three composite samples from the probes, remove probes, and seal cover.	2	4 hours (Day 1) 7 hours (Day 2)

All project days are considered consecutive weekdays and are scheduled to begin at 7:00 or 8:00 am local time unless otherwise stated. In order to mitigate safety and quality risk, TRC policy limits work to 14 hours per shift, with a consecutive 10 hours off-duty between shifts. Different arrangements are possible, pending upper management approval. We recommend scheduling projects a minimum of two weeks in advance to allow for the optimum allocation of resources.

Deliverables

TRC will provide Geosyntec with the following deliverables:

- A draft of the report will be submitted no more than **Twenty-one** calendar days after the completion of testing and receipt of all facility operational data.
- The final report will be submitted to Geosyntec no more than **five** calendar days after the receipt of all Geosyntec comments. Geosyntec is responsible for submitting the report to the required regulatory agency(s).

Price for Services

TRC will charge Geosyntec a lump sum fee of **\$7,275** to complete the Proposed Scope of Services in accordance with the Proposed Test Program Schedule. This fee is based on the tasks presented in the following table:

Table 4: Summary of Task Pricing			
Item	Description	Price	Comments
1	Conduct testing per Table 1 (Flare Skid Sampling and Analysis + Report) Rush Report and Analysis (August 31, 2021)	\$7,275	Testing by one-person with 3 hours on-site over one day. Assumes test date is August 10, 2021 and report draft submitted August 31, 2021.
	Total Test Program Price	\$7,275	---
Optional Pricing			
2	Conduct testing per Tables 1 and 2 (Flare Skid Sampling + Nine Additional Probes w/Composite Sampling and Analysis + Report)	\$13,575	Testing by two-person crew with 11 to 12 hours total on-site over a two-day schedule
3	Rental of Landfill Gas Analyzer, Calibration Gases	Add \$500	Diagnostic to verify N ₂ less than 20% or O ₂ less than 5%
4	Rental of front-end loader and operator	Add \$3,000 Est Only	Estimate only, call for pricing.

In the event that out-of-scope work is required, we will submit a written change order request based on the rates in Attachment 3. Out-of-scope work includes but is not limited to additional testing, standby time due to process delays or inclement weather.

Project Cancellations or Postponements

We plan to begin work on this project immediately upon notification of award. If this project is cancelled or the agreed-upon schedule changed, we reserve the right to invoice Geosyntec as follows:

- More than ten working/business days prior to scheduled mobilization:
5% of the previously referenced lump sum fee
- Within five working/business days prior to scheduled mobilization:
10% of the previously referenced lump sum fee
- After mobilization of project personnel:
10% of the previously referenced lump sum fee **plus** any non-reimbursable expenses

Invoicing, Payment Terms and Remittance Options

TRC will submit a single lump sum invoice upon completion of the field sampling. Payments not received within 30 days from the date billed are subject to a late payment charge of 1.5% per month until full payment is received. A purchase order or change order for charges due to delays, extensions or changes is required prior to the submittal of the final report.

Overnight

TRC Lockbox
Attn: 536282
307 23rd Street Extension, Suite 950
Pittsburgh, PA 15215
Tel: 877-550-5933
Note: The lockbox number is a required field in the address label

Wire Transfer

Beneficiary Account Number: 2232037090
Beneficiary Account Name:
TRC Companies, Inc. - Concentration Account

Bank Codes:
ACH ABA No: 011500120 (Wires only)
Routing #: 211170114 (ACH only)
Swift Code No: CTZIUS33
Bank Name: RBS Citizens
Remittance Detail Email: Arremitdetail@TRCSolutions.com

US Postal Service

TRC Lockbox
P. O. Box 536282
Pittsburgh, PA 15253-5904

TRC Contact: Paul McShane
TRC Contact Phone Number: 860-298-6393
Reference: Reference invoice No.

Basis for Proposed Price

Unless specified elsewhere in this proposal, personal protective equipment (PPE) worn by TRC will consist of gloves, safety glasses, high-visibility reflective vests, hearing protection, hard hats, and steel-toed leather shoes/boots. If additional PPE is required but not specified herein, a change order may be required.

Our price is based on Geosyntec or the facility supplying TRC with the following items in order for this project to be executed as it has been proposed.

1. Copies of any test protocols, permits or agency communications, not prepared by TRC, that are relevant to the proposed scope of work.
2. Safe access to test locations. All known potential hazards, potential exposures and facility safety requirements must be communicated to TRC in advance of test team mobilization. Delays due to unsafe working conditions or unresolved safety concerns will result in additional charges, which will require a change order.
3. Washroom facilities for use by TRC employees.
4. A landfill gas analyzer, such as a GEM2000, equipped with a sampling pump and calibrated prior to the sampling event. This shall be used for system purges and to verify that the landfill gas going to the canister is free of ambient air leaks.
5. Should the Table 2 option be selected, the landfill facility shall supply a front-end loader with operator for four hours during the first day to push and remove the pilot probe into the landfill cover for placement of sampling probes. The front-end loader and operator shall be supplied for approximately two hours the second day to remove the probes that were installed into the cover.
6. Should the Table 2 option be selected, Geosyntec shall pre-determine the sampling site and place flags across the landfill to pre-select the sampling sites prior to the arrival of TRC to conduct the sampling project. Alternately, Geosyntec may select sampling sites while TRC is placing the probes, as long as it does not reduce the efficiency or timeliness of the placement of the sample probes. Otherwise, additional charges shall apply.

Agency Notification

There may be a requirement to contact regulatory agencies regarding this scope of work. TRC will not initiate contact with any regulatory agency regarding this scope of work unless directed to do so in writing by Geosyntec. Such requests must specify the regulatory agency(s) to be notified and the information to be conveyed.

Terms and Conditions

This proposal contains information that is confidential to TRC. Accordingly, the information herein may not be disclosed outside Geosyntec without prior written approval from TRC. Should a contract be awarded to TRC because of, or in connection with the submission of this proposal, Geosyntec shall have the right to duplicate, use or disclose the information to the extent provided in the resulting contract.

TRC proposes to perform the work described in this proposal under the attached terms. If this proposal is acceptable, you may engage TRC by issuing a purchase order referencing proposal number 448925.9990, Revision 1 dated June 30, 2021, or by completing and returning to me the attached "Authorization to Proceed" form.

The pricing in this proposal is valid for 120 days. Furthermore, this proposal is for the one-time completion of work described in the scope of services and project schedule.

We appreciate the opportunity to submit this proposal and look forward to working with the Geosyntec team on this important project. Please do not hesitate to contact me at 352.317.0041 or lbrenner@TRCcompanies.com if you have questions or require additional information.

Respectfully submitted,

TRC ENVIRONMENTAL CORPORATION

A handwritten signature in black ink, appearing to read "Leonard Brenner", is written over a horizontal line.

Leonard Brenner
Senior Project Manager

Attachments:

- Attachment 1 – Work Authorization
- Attachment 2 – TRC Terms and Conditions
- Attachment 3 – TRC Billing and Equipment Rates



**Attachment 1
Work Authorization**

Acceptance of: TRC Proposal No. 448925.9990, Revision 1

Dated: June 30, 2021

Attention: Leonard Brenner

Acceptance

Authorization for TRC to commence work included in the above-referenced Proposal constitutes acceptance of this Agreement. Acceptance can be made by signing in the place provided below or by receipt of written authorization from Geosyntec Consultants, Inc. for TRC to commence work. Acceptance is limited to the terms stated herein, and any additional or different terms are rejected unless expressly agreed to in writing by TRC.

Approved and accepted as of the date shown below

Geosyntec Consultants, Inc.

By:

Signature

Printed Name

Title

Date



Attachment 2

TERMS AND CONDITIONS

1.0 SERVICES

TRC Environmental Corporation (“Consultant”) will provide consulting and other professional services on behalf of Geosyntec Consultants, Inc. (“Client”) as described in the Scope of Work set forth in Proposal Number 448925.9990, Revision 1 (the “Proposal”). Unless otherwise stated, Consultant’s Proposal to perform the Scope of Work expires 120 days from its date and may be modified or withdrawn by Consultant prior to receipt of Client’s acceptance. The offer and acceptance of any services or goods covered by the Proposal is conditioned upon these Terms and Conditions. Any additional or different terms and conditions proposed by Client are objected to and will not be binding upon Consultant unless specifically agreed to in writing by Consultant. An order or statement of intent to purchase Consultant’s services, or any direction to proceed with, or acquiescence in the commencement of work shall constitute consent to these Terms and Conditions.

2.0 COMPENSATION

2.1 Consultant will invoice for its services as described in the Proposal. Prices or rates quoted do not include state or local taxes where applicable. Our services may include reimbursable expenses, which are charges incurred for travel, transportation, temporary lodging, meals, telephone calls, fax, postage, courier service, photographic, photocopying, and other fees and costs reasonably incurred in connection with the services.

2.2 Unless otherwise stated in the Proposal, Consultant will submit invoices for services related to the Scope of Work on at least a monthly basis, and Client will make payment within thirty (30) days of receipt of Consultant’s invoices. If Client objects to any portion of an invoice, the Client will notify Consultant within fifteen (15) days from the date of receipt of the invoice and will pay that portion of the invoice not in dispute, and the parties shall immediately make every effort to settle the disputed portion of the invoice.

2.3 If Client fails to make any payment due to Consultant within thirty (30) days after receipt of an invoice, then the amount due Consultant will increase at the rate of 1.5 percent per month after the 30th day. If a retainer has been required and the Client has not paid the invoice within thirty (30) days, TRC shall be entitled to draw upon the retainer to satisfy the past due invoice. In addition, Consultant may, after giving seven (7) days’ written notice to Client, suspend its services and any deliverables until Consultant has been paid in full for all amounts outstanding more than thirty (30) days. In the event that Consultant must resort to legal action to enforce collection of payments due, Client agrees to pay attorneys’ fees and any other costs resulting from such action.

3.0 CLIENT RESPONSIBILITIES

3.1 Client will designate in writing the person or persons with authority to act in Client’s behalf on all matters concerning the services to be performed by Consultant for Client.

3.2 Client will furnish to Consultant all existing studies, reports, data and other information available to Client which may be necessary for performance of the services, authorize Consultant to obtain additional data as required, and furnish the services of others, where necessary, for the performance of the Scope of Work. Consultant will be entitled to use and rely upon all such information and services.

3.3 Unless otherwise stated in the Proposal, Client shall be responsible to provide Consultant access to the work site or property to perform the work.

4.0 PERFORMANCE OF SERVICE

4.1 Consultant’s services will be performed in conformance with the Scope of Work set forth in the Proposal.

4.2 Additional services will be performed and completed in conformance with any supplemental proposals or Scopes of Work approved in writing by the Client.

4.3 Consultant’s services for the Scope of Work will be considered complete at the earlier of (i) the date when Consultant’s report is accepted by the Client or (ii) thirty (30) days after the date when Consultant’s report is submitted for final acceptance, if Consultant is not notified in writing within such 30-day period of a material defect in such report.

4.4 If any time period within or date by which any of Consultant’s services are to be performed is exceeded for reasons outside of Consultant’s reasonable control, all rates, measures and amounts of compensation and the time for completion of performance shall be subject to equitable adjustment.

5.0 CONFIDENTIALITY

Consultant will hold confidential all information obtained from Client, not otherwise previously known to us, unless such information comes into the public domain through no fault of ours, is furnished to us by a third party who is under no obligation to keep such information confidential, or is independently developed by us.



6.0 STANDARD OF CARE

6.1 In performing services, Consultant agrees to exercise professional judgment, made on the basis of the information available to Consultant, and to use the same standard of care and skill ordinarily exercised in similar circumstances by consultants performing comparable services in the region. This standard of care shall be judged as of the time and place the services are rendered, and not according to later standards. The expiration date of this standard of care is one (1) year from the date of completion of the services. Reasonable people may disagree on matters involving professional judgment and, accordingly, a difference of opinion on a question of professional judgment shall not excuse Client from paying for services rendered or result in liability to Consultant.

6.2 If any failure to meet the foregoing standard of care appears during one year from the date of completion of the service and Consultant is promptly notified thereof in writing, Consultant will at its option and expense re-perform the nonconforming services or refund the amount of compensation paid to Consultant for such nonconforming services. In no event shall Consultant be required to bear the cost of gaining access in order to perform its standard of care obligations.

THE FOREGOING STANDARD OF CARE IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY. CONSULTANT DOES NOT WARRANT ANY PRODUCTS OR SERVICES OF OTHERS DESIGNATED BY CLIENT.

7.0 INSURANCE

Consultant will procure and maintain insurance as required by law. At a minimum, Consultant will have the following coverage:

- (a) Workers' compensation and occupational disease insurance in statutory amounts.
- (b) Employer's liability insurance in the amount of \$1,000,000.
- (c) Automotive liability in the amount of \$1,000,000.
- (d) Comprehensive General Liability insurance for bodily injury, death, or loss of or damage to property of third persons in the amount of \$1,000,000 per occurrence, \$2,000,000 in the aggregate.
- (e) Professional errors and omissions insurance in the amount of \$1,000,000.

8.0 INDEMNITY

8.1 Each Party will indemnify the other Party, its officers, directors and employees from and against any claims, costs, liabilities or expenses, including reasonable attorneys' fees, to the extent caused by the negligent or reckless acts or willful misconduct of the indemnifying Party in connection with the services hereunder.

8.2 Notwithstanding the foregoing, in the event that Consultant performs intrusive ground work as part of the Scope of Work, Client shall indemnify Consultant from and against any and all claims, costs, liabilities or expenses, including reasonable attorneys' fees, resulting from, or arising out of, damages to subsurface or underground utilities or structures, including but not limited to, gas, telephone, electric, water or sewer utilities whose locations were not designated or identified to Consultant prior to the commencement of any subsurface investigation or cleanup, including but not limited to, excavation, drilling, boring, or probing required to be conducted by Consultant as part of site investigation, characterization or remediation services.

8.3 To the extent the Scope of Work or any request for services under this Agreement requires Consultant to communicate (e.g., perform interviews) with any third party including, but not limited to, owners of off-site locations, former employees, current employees or governmental authorities, Consultant shall so inform Client. Client will indemnify Consultant from any claims, costs, liabilities, or expenses, including reasonable attorneys' fees to the extent arising from claims of breach of confidentiality, waiver of privilege or otherwise, associated with any such communications.

9.0 ALLOCATION OF RESPONSIBILITY

9.1 Consultant shall be liable to Client only for direct damages to the extent caused by Consultant's negligence or willful misconduct in the performance of its services. UNDER NO CIRCUMSTANCES SHALL CONSULTANT BE LIABLE FOR INDIRECT, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES, OR FOR DAMAGES CAUSED BY CLIENT'S FAILURE TO PERFORM ITS OBLIGATIONS. To the fullest extent permitted by law, the total liability in the aggregate of Consultant and its employees, subcontractors or suppliers to Client and anyone claiming by, through or under Client on all claims of any kind (excluding claims for death or bodily injury) arising out of or in any way related to Consultant's services, or from any cause or causes whatsoever, including but not limited to negligence, errors, omissions, strict liability, indemnity or breach of contract, shall not exceed the total compensation received by Consultant under this agreement, or the total amount of \$50,000, whichever is greater. All such liability shall terminate on the expiration date of the Standard of Care period specified in Section 6.

9.2 If Consultant furnishes Client with advice or assistance concerning any products, systems or services which is not required under the Scope of Work or any other contract among the parties, the furnishing of such advice or assistance will not subject Consultant to any liability



whether in contract, indemnity, warranty, tort (including negligence), strict liability or otherwise.

10.0 DISPOSAL OF CONTAMINATED MATERIAL

10.1 Client understands and agrees that Consultant is not, and has no responsibility as, a generator, operator, owner, treater, arranger or storer of pre-existing substances or wastes found or identified at work sites, including drilling and cutting fluids and other samples. Consultant shall not directly or indirectly assume title to such substances or wastes and shall not be liable to third parties alleging that Consultant has or had title to such materials. Client will indemnify and hold harmless Consultant from and against all losses, damages, costs and expenses, including but not limited to attorneys' fees, arising or resulting from actions brought by third parties alleging or identifying Consultant as a generator, operator, arranger, storer, treater or owner of pre-existing substances or wastes found or identified at work sites.

10.2 Ownership of all samples obtained by Consultant from the project site is maintained by Client. Consultant will store such samples in a professional manner for the period of time necessary to complete the project. Upon completion of the project, Consultant will return any unused samples or portions thereof to Client or, at Consultant's option using a manifest signed by Client as generator, dispose of the samples in a lawful manner and bill Client for all costs related thereto. Consultant will normally store samples for thirty (30) days.

11.0 OWNERSHIP OF DOCUMENTS

11.1 All notes, memoranda, drawings, designs, specifications, and reports prepared by Consultant shall become Client's upon completion of the payment to Consultant as provided herein.

11.2 All documents including drawings and specifications prepared by Consultant pursuant to the Scope of Work are instruments of service with respect to this project. Such documents are not intended or represented to be suitable for reuse by Client or by any other party on subsequent extensions or phases of this project or site or on any other project or site without the written consent of both Client and Consultant.

11.3 Any reuse without written approval or adaptation by Consultant for the specific purpose intended will be at the Client's sole risk and without liability or legal exposure to Consultant. Any such reuse requested by Client will entitle Consultant to further compensation at rates to be agreed upon by Client and Consultant. A request by Client to provide a letter of reliance to a third party will entitle Consultant to assess a small charge in connection with documenting its consent.

11.4 Consultant will retain the technical project file for a period of six (6) years from project completion (if Client is a governmental entity, files shall be maintained for a 10-year period following project completion). Client shall notify Consultant at the completion of work if Client requires the file in this matter to be transferred to Client or another entity or retained by Consultant for a longer period of time. In the absence of any written instructions to the contrary from Client, Consultant will have the right to discard any and all files, records or documents of any type related to the Scope of Work after the 6-year period. During this 6-year period, any requests for document recovery and reproduction will be assessed a fee in accordance with Consultant's Schedule of Fees.

12.0 INDEPENDENT CONTRACTOR

Consultant is an independent contractor and shall not be regarded as an employee or agent of the Client.

13.0 COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS

The Consultant shall observe all applicable provisions of the federal, state, and local laws and regulations, including those relating to equal opportunity employment.

14.0 SAFETY

14.1 Client shall be obligated to inform Consultant and its employees of any applicable site safety procedures and regulations known to Client as well as any special safety concerns or dangerous conditions at the site. Consultant and its employees will be obligated to adhere to such procedures and regulations once notice has been given.

14.2 Unless specifically provided in the Scope of Work, Consultant shall not have any responsibility for overall job safety at the site. If in Consultant's opinion, its field personnel are unable to access required locations or perform required services in conformance with applicable safety standards, Consultant may immediately suspend performance until such safety standards can be attained. If within a reasonable time site operations or conditions are not brought into compliance with such safety standards, Consultant may in its discretion terminate its performance in accordance with Section 17.0, in which event Client shall pay for services and termination expenses as provided herein.

15.0 LITIGATION

At the request of Client, Consultant agrees to provide testimony and other evidence in any litigation, hearings or proceedings to which Client is or becomes a party in connection with the Scope of Work. Client agrees to compensate Consultant at its Litigation Rates in effect



at the time the services are rendered for its time and other costs in connection with such evidence or testimony. Similarly, if Consultant is compelled by legal process to provide testimony or produce documents or other evidence in connection with services performed, Consultant agrees to contact Client and cooperate with Client and Client's counsel. Client agrees to compensate Consultant at its Litigation Rates in effect at the time the services are rendered for its time, expense, and retention of counsel in connection with such testimony or document and other evidentiary production.

16.0 NOTICE

All notices to either party by the other shall be deemed to have been sufficiently given when made in writing and delivered in person, by facsimile, email, certified mail or courier to the address of the respective party or to such other address as such party may designate.

17.0 TERMINATION

The performance of services may be terminated or suspended by either party, in whole or in part. Such termination shall be affected by delivery of seven (7) days prior written notice specifying the extent to which performance of services is terminated and the date upon which such action shall become effective. In the event services are terminated or suspended by Client (or by Consultant as provided herein) prior to the completion of services contemplated hereunder, Consultant shall be paid for (i) the services rendered to the date of termination or suspension; (ii) demobilization costs; (iii) costs incurred with respect to noncancellable commitments; and (iv) reasonable services provided to effectuate a professional and timely project termination or suspension.

18.0 SEVERABILITY

If any term, covenant, condition or provision of these Terms and Conditions is found by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of these Terms and Conditions shall remain in full force and effect, and shall in no way be affected, impaired or invalidated thereby.

19.0 WAIVER

Any waiver by either Party or any provision or condition of these Terms and Conditions shall not be construed or deemed to be a waiver of a subsequent breach of the same provision or condition, unless such waiver is so expressed in writing and signed by the Party to be bound.

20.0 GOVERNING LAW

These Terms and Conditions will be governed by and construed and interpreted in accordance with the laws of the State of Connecticut.

21.0 CAPTIONS

The captions of these Terms and Conditions are intended solely for the convenience of reference and shall not define, limit, or affect in any way the provisions, terms, and conditions hereof or their interpretation.

22.0 ENTIRE AGREEMENT

These Terms and Conditions and Proposal Number 448925.9990, Revision 1, including the Scope of Work, represent the entire understanding and agreement between the Parties and supersede any and all prior agreements, whether written or oral, and may be amended or modified only by a written amendment signed by both Parties.



**Attachment 3
TRC Billing Rates
Proposal Number 448925.9990, Revision 1**

Project Labor Billing Rates		
Labor Description	Billing Rate	Units
One Person Test Crew Standby or Additional Testing	\$120	Hour (one-person crew)
Two Person Test Crew Standby or Additional Testing	\$240	hour (two-person crew)
Consulting (Senior Project Manager)	\$186	hour
Project Equipment Use Billing Rates		
Equipment Description	Billing Rate	Units
Truck Rental	\$100	day
Rental of Additional Probes	\$50	probe
Sampling Equipment Rental	\$150	day
Billing Rates for Other Direct Costs		
Cost Category	Billing Rate	
Equipment Rental	Labor for Scheduling, Cost + 10%	
Additional Sample Analysis (EPA Methods 3C/25C)	(\$400 per sample) cost + 10%	
Additional Per Diem	(\$250 per person) cost + 10%	

ATTACHMENT B
DETAILED BUDGET ESTIMATE

TABLE 1

**BUDGET ESTIMATE
TITLE V PERMIT RENEWAL APPLICATION
INDIAN RIVER COUNTY CLASS I LANDFILL
INDIAN RIVER COUNTY, FLORIDA**

PHASE 1: PROJECT MANAGEMENT/MEETINGS

ITEM	BASIS	RATE	QUANTITY	ESTIMATED COST
A. Professional Services				
a. Senior Principal	Hr	\$260	0	\$0.00
b. Principal	Hr	\$245	24	\$5,880.00
c. Senior Professional	Hr	\$225	0	\$0.00
d. Project Professional	Hr	\$203	0	\$0.00
e. Professional	Hr	\$176	32	\$5,632.00
f. Senior Staff Professional	Hr	\$154	0	\$0.00
g. Staff Professional	Hr	\$132	0	\$0.00
Subtotal Professional Services				\$11,512.00
B. Technical/Administrative Services				
a. CADD Designer	Hr	\$143	4	\$572.00
b. Senior Drafter/Senior CADD Operator	Hr	\$126	0	\$0.00
c. Project Administrator	Hr	\$71	12	\$852.00
d. Clerical	Hr	\$55	4	\$220.00
Subtotal Technical/Administrative Services				\$1,644.00
C. Reimbursables				
a. Lodging	Day	\$150	0	\$0.00
b. Per Diem	Day	\$55	2	\$110.00
c. Communications Fee	3% Labor	0.03	\$13,156	\$394.68
d. CADD Computer System	Hr	\$15	4	\$60.00
e. Vehicle Rental & Fuel	Day	\$150	2	\$300.00
f. 8"x11" Photocopies	Each	\$0.12	25	\$3.00
g. CADD Drawings	Each	\$3	10	\$30.00
Subtotal Reimbursables				\$897.68
TOTAL ESTIMATED BUDGET : PHASE 01				\$14,054

TABLE 2

**BUDGET ESTIMATE
TITLE V PERMIT RENEWAL APPLICATION
INDIAN RIVER COUNTY CLASS I LANDFILL
INDIAN RIVER COUNTY, FLORIDA**

PHASE 2: DESIGN CAPACITY & NMOC EMISSION RATE REPORTS

ITEM	BASIS	RATE	QUANTITY	ESTIMATED COST
A. Professional Services				
a. Senior Principal	Hr	\$260	0	\$0.00
b. Principal	Hr	\$245	10	\$2,450.00
c. Senior Professional	Hr	\$225	6	\$1,350.00
d. Project Professional	Hr	\$203	0	\$0.00
e. Professional	Hr	\$176	28	\$4,928.00
f. Senior Staff Professional	Hr	\$154	0	\$0.00
g. Staff Professional	Hr	\$132	0	\$0.00
Subtotal Professional Services				\$8,728.00
B. Technical/Administrative Services				
a. CADD Designer	Hr	\$143	4	\$572.00
b. Senior Drafter/Senior CADD Operator	Hr	\$126	0	\$0.00
c. Project Administrator	Hr	\$71	0	\$0.00
d. Clerical	Hr	\$55	4	\$220.00
Subtotal Technical/Administrative Services				\$792.00
C. Reimbursables				
a. Lodging	Day	\$150	1	\$150.00
b. Per Diem	Day	\$55	1	\$55.00
c. Communications Fee	3% Labor	0.03	\$9,520	\$285.60
d. CADD Computer System	Hr	\$15	4	\$60.00
e. Sampling & Testing Subcontractor	Est	\$7,275.00	1.1	\$8,002.50
f. Landfill Gas Analyzer Rental	Day	\$250.00	1	\$250.00
g. Vehicle Rental & Fuel	Day	\$150.00	1	\$150.00
h. 8"x11" Photocopies	Each	\$0.12	500	\$60.00
i. CADD Drawings	Each	\$3	10	\$30.00
Subtotal Reimbursables				\$9,043.10
TOTAL ESTIMATED BUDGET : PHASE 02				\$18,564.00

TABLE 3

**BUDGET ESTIMATE
TITLE V PERMIT RENEWAL APPLICATION
INDIAN RIVER COUNTY CLASS I LANDFILL
INDIAN RIVER COUNTY, FLORIDA**

PHASE 3: TITLE V PERMIT RENEWAL APPLICATION

ITEM	BASIS	RATE	QUANTITY	ESTIMATED COST
A. Professional Services				
a. Senior Principal	Hr	\$260	0	\$0.00
b. Principal	Hr	\$245	30	\$7,350.00
c. Senior Professional	Hr	\$225	12	\$2,700.00
d. Project Professional	Hr	\$203	0	\$0.00
e. Professional	Hr	\$176	96	\$16,896.00
f. Senior Staff Professional	Hr	\$154	0	\$0.00
g. Staff Professional	Hr	\$132	0	\$0.00
Subtotal Professional Services				\$26,946.00
B. Technical/Administrative Services				
a. CADD Designer	Hr	\$143	16	\$2,288.00
b. Senior Drafter/Senior CADD Operator	Hr	\$126	0	\$0.00
c. Project Administrator	Hr	\$71	16	\$1,136.00
d. Clerical	Hr	\$55	0	\$0.00
Subtotal Technical/Administrative Services				\$3,424.00
C. Reimbursables				
a. Lodging	Day	\$150	0	\$0.00
b. Per Diem	Day	\$55	0	\$0.00
c. Communications Fee	3% Labor	0.03	\$30,370	\$911.10
d. CADD Computer System	Hr	\$15	16	\$240.00
e. Vehicle Rental & Fuel	Day	\$150	0	\$0.00
f. 8"x11" Photocopies	Each	\$0.12	1000	\$120.00
g. CADD Drawings	Each	\$3	25	\$75.00
Subtotal Reimbursables				\$1,346.10
TOTAL ESTIMATED BUDGET : PHASE 03				\$31,717.00

TABLE 4

**BUDGET ESTIMATE
TITLE V PERMIT RENEWAL APPLICATION
INDIAN RIVER COUNTY CLASS I LANDFILL
INDIAN RIVER COUNTY, FLORIDA**

PHASE 4: RESPONSE TO REGULATORY COMMENTS

ITEM	BASIS	RATE	QUANTITY	ESTIMATED COST
A. Professional Services				
a. Senior Principal	Hr	\$260	0	\$0.00
b. Principal	Hr	\$245	8	\$1,960.00
c. Senior Professional	Hr	\$225	4	\$900.00
d. Project Professional	Hr	\$203	0	\$0.00
e. Professional	Hr	\$176	18	\$3,168.00
f. Senior Staff Professional	Hr	\$154	0	\$0.00
g. Staff Professional	Hr	\$132	0	\$0.00
Subtotal Professional Services				\$6,028.00
B. Technical/Administrative Services				
a. Designer	Hr	\$143	0	\$0.00
b. Senior Drafter/Senior CADD Operator	Hr	\$126	0	\$0.00
c. Project Administrator	Hr	\$71	8	\$568.00
d. Clerical	Hr	\$55	0	\$0.00
Subtotal Technical/Administrative Services				\$568.00
C. Reimbursables				
a. Vehicle Rental & Fuel	Day	\$150	0	\$0.00
b. Communications Fee	3% Labor	\$0.03	\$6,596	\$197.88
c. CADD Computer System	Hr	\$ 15.00	\$0	\$0.00
d. 8"x11" Photocopies	Each	\$0.12	75	\$9.00
e. CADD Drawings	Each	\$3.00	20	\$60.00
Subtotal Reimbursables				\$266.88
TOTAL ESTIMATED BUDGET : PHASE 04				\$6,863.00