

26 February 2024

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

**Subject: Project Management & Completion Report
IRC – Phase 1 Site Preparation Contract for Cell 3
IRC Work Authorization No. 18
Indian River County Landfill Facility
Vero Beach, Florida**

Dear Mr. Mehta:

INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) is pleased to present to you this project management and completion report (report) for Geosyntec Project No. FL9363 - Engineering and Construction Support Services for Phase 1 – Site Preparation for Cell 3 of Segment 3 Expansion for the Indian River County Landfill Facility. This project was completed as Work Order No. 18 authorized in November 2022 and Work Order No. 18 Amendment 1 authorized in November 2023 under the Continuing Contract Agreement for Professional Services between Indian River County, Solid Waste Disposal District (SWDD) and Geosyntec. This report has been prepared as a supplement to our final invoice No. 547576, dated 26 February 2024.

SCOPE OF WORK

The scope of work authorized under Work Order No. 18 and Amendment 1 was divided into six phases: (i) general consulting/meeting support/project management; (ii) preparation of construction documents; (iii) contractor procurement services; (iv) construction phase support services; (v) abandonment of existing monitoring wells; and (vi) minor modification permit application. The following is a phase-by-phase summary of the work that Geosyntec performed under this work order.

Phase 1 - General Consulting/Meeting Support/Project Management

Phase 1 consisted of three components: general consulting, meeting support, and project management. Geosyntec provided SWDD with consulting services necessary to initiate the project. Geosyntec prepared presentation graphics, engineering drawings, and other documents required to support the Project's meetings and coordination activities. Additional budget was added to this phase as part Amendment No. 1 for additional engineering and construction support services required to complete the Project.

Phase 2 – Preparation of Construction Documents

Geosyntec prepared the construction documents (i.e., drawings, technical specifications, material quantities, and CQA Plan) required for SWDD to procure a contractor to prepare the subgrade for Cell 3 of Segment 3. Additionally, Geosyntec included relevant information on Cell 4 subgrade in the construction documents as an option for the selected contractor. Additional budget was added to this phase as part Amendment No. 1 for additional engineering and construction support services requested by SWDD and required to complete the Project.

Phase 3 – Contractor Procurement Services

Under this phase, Geosyntec prepared construction documents for procuring a construction contractor for the Phase 1 construction. This includes preparation of the request for bid (RFB) documents; attending the pre-bid meeting; responding to bidders' questions and preparing required updates to the bidding document throughout the bid preparation process; evaluating bids; and preparing a recommendation to SWDD of the preferred bid for Phase 1 construction.

Phase 4 – Construction-Phase Support Services

Geosyntec provided construction management (CM) and engineering support services associated with construction of the Cell 3 subgrade, including field CQA services, surveying; and CM and Engineering Support Services. Additional budget was added to this phase as part Amendment No. 1 for additional engineering and construction support services required to complete the Project.

Phase 5 – Abandonment of Existing Monitoring Wells

The construction of Cell 3 required the abandonment of two groundwater monitoring well clusters (MW41 and MW-42) and LFG migration monitoring probe GW-00011, and installation of replacement LFG probe GW-00011R. Geosyntec selected Andersen Andre Consulting Engineers, Inc. (AACE) of Fort Pierce, Florida to serve as a drilling subcontractor to perform these services. A Geosyntec engineer was on-site to supervise the work. Documentation was

Mr. Himanshu Mehta, P.E.
26 February 2024
Page 3

submitted to FDEP in accordance with the requirements of the solid waste permit upon completion of groundwater monitoring well and LFG probe abandonment and replacement gas probe installation activities.

Phase 6 – Minor Modification Permit Application

Geosyntec prepared a minor modification permit application to add leachate toe drains along the north-eastern and north-western limits of both Cell 3 and the future Cell 4 of Segment 3 and submitted it to FDEP. Additionally, Geosyntec scheduled and participated in a pre-application meeting with FDEP. The budget for this phase was added as part of Amendment No. 1 for additional engineering and construction support services required to complete the Project.

BUDGET

The approved total budget for Work Order No. 18 and Amendment No. 1 was \$211,088.44. The total invoiced amount, including the final invoice is \$211,088.44. Therefore, Geosyntec completed this project within the approved budget.

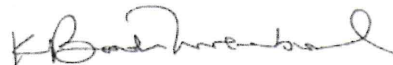
CLOSURE

Geosyntec appreciates the opportunity to provide this proposal to Indian River County. Should you have any questions or need additional information, please do not hesitate to contact us. We are looking forward to assisting you on this project.

Sincerely



Timothy R Copeland, Ph.D., P.E.
Engineer



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



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26 February 2024

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

**Subject: Project Management Report and Transmittal of Invoice No. 547576
IRC Segment 3 Cell 3 Site Preparation
Indian River County Landfill Facility**

Dear Mr. Mehta:

Geosyntec Consultants, Inc. (Geosyntec) prepared this project management report to address the professional services for the Class I Landfill Segment 3 Cell 3 Site Preparation project at the Indian River County (IRC) landfill facility. This report presents: (i) a budget overview for this project; (ii) a summary of activities completed to date; and (iii) a discussion of the work reflected on the enclosed invoice. The enclosed invoice reflects work that was performed through 18 February 2024. **Table 1** provides invoicing detail for the project.

PROJECT MANAGEMENT SUMMARIES

Geosyntec's Project No. FL9363: Segment 3 Cell 3 Site Preparation (IRC Work Order No. 18)

Budget Overview

Invoice No. 547576 (enclosed) dated 23 February 2024 for \$32,551.08 is the 12th and final invoice for Project No. FL9363. Listed below is a summary of the budget, including invoiced amount and remaining budget.

Approved Budget:	\$211,088.44
Invoiced Amount:	\$211,088.44
Remaining Budget	\$ 0.00

Geosyntec is within the budget appropriated for this project.

WORK COMPLETED TO DATE

The tasks performed under this invoice include construction support services including review of submittals and contractor payment applications, weekly progress meetings, on site meetings to create

Mr. Himanshu H. Mehta, P.E.
26 February 2024
Page 2

and review punch list, and review of subcontractors' deliverables and invoices and approval; and project administration, including project management.

WORK REFLECTED ON ENCLOSED INVOICE

Labor reflected on the enclosed invoice is mainly attributed to the following:

- Labor indicated as professional services (\$32,551.08) is associated with the items listed above.
- Other expenses are associated with communications fee are built into the lump sum amount above.

ONGOING WORK

Project Complete

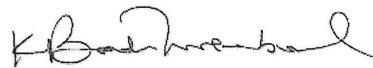
RECOMMENDED ACTIONS

None

CLOSURE

Geosyntec appreciates the opportunity to provide services to Indian River County. If you have any questions regarding this correspondence, please feel free to contact me at 904-450-4259

Sincerely,



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

Enclosure – Invoice No. 547576

Table 1

**Summary of Invoices Submitted for Geosyntec’s Project Number FL9363
 IRCL – Segment 3 Cell 3 Site Preparation**

Geosyntec Project Number/IRC Work Authorization Number	Invoice No.	Invoice Date	Amount
FL9363/ WORK ORDER No. 18	498384	01/16/2023	\$7,434.75
	502754	02/21/2023	\$16,734.89
	506610	03/30/2023	\$11,640.63
	509406	04/18/2023	\$6,797.81
	512852	05/17/2023	\$9,268.69
	516651	06/23/2023	\$17,353.26
	519823	07/18/2023	\$2,063.00
	523305	08/17/2023	\$7,547.11
	530600	10/16/2023	\$46,285.20
	531323	10/31/2023	\$10,194.63
	534997	11/30/2023	\$12,101.56
	538476	12/28/2023	\$31,115.83
	547576	02/23/2024	\$32,551.08
	TOTAL		\$211,088.44



Geosyntec Consultants, Inc.
 900 Broken Sound Parkway NW, Suite 200
 Boca Raton, Florida 33487-2775 USA
 Tel (561) 995-0900 Fax (561) 995-0925

INDIAN RIVER COUNTY SWDD
 1325 74TH AVENUE SW
 VERO BEACH, FL 32968

Invoice # : 547576
 Project : FL9363

Invoice Date : 2/23/2024

Attention: HIMANSHU MEHTA, P.E.

For Professional Services Rendered through transaction date: 2/18/2024

Project Name : IRC SEGMENT 3 CELL 3 SITE PREPARATI

IF YOU HAVE QUESTIONS ABOUT THIS INVOICE, PLEASE CONTACT KWASI BADU-TWENEBOAH AT 904-450-4259
 WORK ORDER NO. 18

	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
01) PROJECT MANAGEMENT AND MEETINGS	22,810.62	100.00	20,609.26	2,201.36	22,810.62
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
02) PREP OF CONST DOCUMENTS	38,928.49	100.00	38,928.49		38,928.49
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
03) CONTRACTOR PROCUREMENT SUPPORT	22,458.75	100.00	22,458.75		22,458.75
	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
04) CONSTRUCTION PHASE SERVICES	105,884.78	100.00	76,048.12	29,836.66	105,884.78
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
05) ABANDONMENT OF WELLS	14,137.24	100.00	14,137.24		14,137.24
	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
06) MINOR MODIFICATION PERMIT APP.	6,868.56	100.00	6,355.50	513.06	6,868.56

Total Contract Fee	\$211,088.44
Total % Complete To Date	100.00 %
Total Fee Earned To Date	\$211,088.44
Less Previous Billings	\$178,537.36
Total This Invoice	\$32,551.08
Amount Due this Invoice	\$32,551.08

Statement

Prior Billings	\$178,537.36	Project Budget	\$211,088.44
Current Invoice	\$32,551.08	Billed to Date	\$211,088.44
Billed To Date (Includes Retainage)	\$211,088.44	Contract Balance	\$0.00
Paid To Date	\$178,537.36	**Amount Due This Invoice**	\$32,551.08

When making payment via bank, please include our invoice number in ACH information; Please email invoice payment remittance/details to CorporateAR@Geosyntec.com.

Bank Details: Citibank N.A.
Coconut Creek Branch 0529
 4807 Coconut Creek Pkwy
 Coconut Creek, FL 33063

Account #: 2195223812
ABA/Routing: 067004764 (ACH)
Swift: CITI US 33

When making payment via check, please remit payment to: **Mail Code 11160**
P.O. Box 70280
Philadelphia, PA 19176-0280