



Received by SWDD

OCT 05 2018

Indian River County  
Landfill

1200 Riverplace Blvd., Suite 710  
Jacksonville, Florida 32207  
PH 904.858.1818  
FAX 904.396.1143  
www.geosyntec.com

5 October 2018

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

**Subject: Project Management Completion Report and Transmittal of Invoice No. 124355535  
IRC – Class I Landfill Permit Renewal Services  
IRC Work Authorization No. CCNA-2014-Work Order No. 1  
Indian River County Landfill Facility, Vero Beach, Florida**

Dear Mr. Mehta:

## INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) is pleased to present to you this project completion report for Geosyntec Project No. FL2523 – Class I Landfill Permit Renewal Engineering Services for the Indian River County Landfill Facility. This project was completed under Work Order No. CCNA-2014-Work Order No. 1 authorized on January 6, 2015, pursuant to that certain Continuing Contract Agreement for Professional Services, dated November 15, 2011, and that certain Extension and Amendment of Continuing Contract Agreement for Professional Services entered as of this 4<sup>th</sup> day of November, 2014 (collectively referred to as the “Agreement”), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida (“COUNTY”) and Geosyntec (“Consultant”). This report has been prepared as a supplement to our final invoice No. 124355535, dated 4 October 2018.

## SCOPE OF WORK

The scope of work authorized under Work Order No. CCNA-2014-Work Order No. 1 was divided into four phases: (i) general consulting/meeting support/project management; (ii) Class I Landfill Solid Waste Permit Renewal Application; (iii) ERP Renewal Application; and (iv) Landfill Operation Support Services. 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**

Under this phase, Geosyntec performed project planning and management responsibilities, such as meetings and correspondences with SWDD, Republic, and the Solid Waste Division and Environmental Resource Program (ERP) of the Florida Department of Environmental Protection (FDEP); invoice review and preparation; project coordination; and project administration.

### **Phase 2 – Class I Landfill Solid Waste Renewal Permit Application**

Under this phase, Geosyntec completed and submitted a 20-year operation permit renewal application for the Class I Landfill to FDEP Solid Waste Division in Tallahassee, Florida. The application was submitted on behalf SWDD to FDEP on September 28, 2015. Geosyntec assisted SWDD in responding to the first (and only) request for additional information (RAI) issued by FDEP on October 26, 2015. The response to the RAI was submitted on November 9, 2015 and a draft permit was issued by FDEP in December 2015. Geosyntec assisted SWDD in reviewing the draft permit to ensure that no unwarranted conditions were in the draft permit. Following submittal of comments on the draft permit, the FDEP issued a final 20-year renewal permit for the Class I Landfill on January 5, 2016 with an expiration date of January 5, 2036. The 20-year permit would save SWDD the additional consulting fees for renewing the permit every five (5) years.

### **Phase 3 – ERP Renewal Application**

Under this phase, Geosyntec communicated with the staff of the ERP in FDEP Southeast District office in West Palm Beach, Florida to renew or extend the then current permit which was to expire on July 30, 2015. Based on the communications, Geosyntec prepared and submitted an application to modify or request to extend the permit expiration date for the landfill facility on June 18, 2015. The FDEP approved this permit modification request and issued a 10-year extension for the permit on August 27, 2015. Therefore, the current ERP for the landfill facility would expire on July 27, 2025.

### **Phase 4 – Landfill Operations Support Services**

Under this phase, Geosyntec provided landfill operations support services to SWDD including: (i) reviewing and updating the existing Spill Prevention and Countermeasures Control (SPCC) Plan; and (ii) preparing a Stormwater Pollution Prevention Plan (SWPPP) for the IRC landfill facility. Geosyntec provided technical support services to SWDD related to the design,

Mr. Himanshu H. Mehta, P.E.  
5 October 2018  
Page 2

permitting, and construction of the Segment 1 landfill closure and Cell 2 of Segment3 Expansion liner construction.

### **BUDGET**

The approved budget for Work Order No. CCNA-2014-Work Order No. 1 was \$180,945.00. The total invoiced amount, including the final invoice is \$180,944.56. Therefore, Geosyntec completed this project within the approved budget.

### **CLOSURE**

Geosyntec appreciates the opportunity to provide services to Indian River County. If you have any question regarding this correspondence, please feel free to contact the undersigned at (904) 858-1818.

Sincerely



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

Enclosure: Invoice No. 124355535

5 October 2018

Received by SWDD

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

OCT 05 2018

Indian River County  
Landfill

**Subject: Project Management Report and Transmittal of Invoice No. 124355535  
IRC – Class I Landfill Permit Renewal Services  
Indian River County Landfill Facility**

Dear Mr. Mehta:

Geosyntec Consultants (Geosyntec) prepared this project management report to address the engineering and permitting services for the Permit Renewal Applications for the Class I landfill 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; (iii) a discussion of the work reflected on the enclosed invoice; (iv) a discussion of ongoing work; and (v) recommended actions for the site. The enclosed invoice reflects work that was performed through 30 September 2018. Table 1 provides invoicing detail for the project.

#### PROJECT MANAGEMENT SUMMARIES

**Geosyntec's Project No. FL2523: Engineering and Permitting Services for Class I Landfill Permit Renewal Application – Indian River County Landfill Facility (IRC Work Authorization No. CCNA-2014-Work Order No. 1)**

##### *Budget Overview*

Invoice No. 124355535 (enclosed) dated 4 October 2018 for \$182.83 is the 44<sup>th</sup> and final invoice for Project No. FL2523. Listed below is a summary of the budget, including invoiced amount and remaining budget.

Approved Budget:	\$ 180,945.00
Invoiced Amount:	\$ 180,944.56
Remaining Budget	\$ 0.44

Geosyntec is within the budget appropriated for this project.

Mr. Himanshu H. Mehta, P.E.  
5 October 2018  
Page 2

#### **WORK COMPLETED TO DATE**

The tasks performed under this invoice include: technical and construction administration support associated with responding to SWDD's request for historical data and information related to engineering and construction support services for Segment 3 – Cell 2 of the IRC Landfill; project administration including communications and correspondence with SWDD; and project management including invoicing.

#### **WORK REFLECTED ON ENCLOSED INVOICE**

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

- Labor indicated as professional services (\$177.50) is associated with technical and construction administration support, project administration, and project management including invoicing.
- Other expenses are associated with communications fee (\$5.33).

#### **ONGOING WORK**

None

#### **RECOMMENDED ACTIONS**

This is the final invoice for this project. A project completion report is attached.

#### **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 904.858.1818.

Sincerely,



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

Enclosure – Invoice No. 124355535

**Table 1**

**Summary of Invoices Submitted for Geosyntec's Project Number 2523  
IRC – Engineering Services for Class I Landfill Permit Renewal Applications**

<b>Geosyntec Project Number/IRC Work Authorization Number</b>	<b>Invoice No.</b>	<b>Invoice Date</b>	<b>Amount</b>
FL2523/CCNA-2014-WO1	12154015	2/9/2015	\$4,205.02
	12154033	3/13/2015	\$8,811.61
	12154045	4/13/2015	\$6,957.14
	12154058	5/12/2015	\$12,310.35
	12154082	6/12/2015	\$10,587.82
	12154101	7/15/2015	\$13,693.37
	12154123	8/10/2015	\$7,448.96
	12154140	9/22/2015	\$34,596.89
	12152754	10/7/2015	\$27,100.20
	12154170	11/6/2015	\$2,763.07
	12154185	12/11/2015	\$12,236.11
	12164001	1/13/2016	\$3,424.53
	12164016	2/10/2016	\$3,393.05
	12164028	3/14/2016	\$1,187.54
	12164037	4/7/2016	\$431.06
	12164050	5/16/2016	\$1,180.90
	12164061	6/13/2016	\$824.52
	12164069	7/6/2016	\$1,526.46
	12164083	8/5/2016	\$824.52
	12164092	9/13/2016	\$2,551.31
	12164097	9/27/2016	\$1,108.80
	12164117	11/14/16	\$1,532.64
	12164129	12/9/2016	\$477.92
	12417681	1/16/2017	\$1,722.16
	12419674	2/21/2017	\$2,015.84
	12420736	3/13/2017	\$1,682.25
	12428246	4/11/2017	\$696.28
	124321398	6/20/2017	\$379.04
	124328619	7/19/2017	\$465.05
	124330357	8/21/2017	\$1,731.72

<b>Geosyntec Project Number/IRC Work Authorization Number</b>	<b>Invoice No.</b>	<b>Invoice Date</b>	<b>Amount</b>
	124332035	9/18/2017	\$4,749.98
	124333020	10/4/2017	\$599.46
	124335703	11/16/2017	\$268.83
	124337580	12/14/2017	\$923.75
	124339204	1/15/2018	\$575.26
	124340812	2/14/2018	\$1,086.14
	124342849	3/19/2018	\$586.07
	124344506	4/13/2018	\$1,866.88
	124345991	5/10/2018	\$489.25
	124348454	6/18/2018	\$268.83
	124350076	7/13/2018	\$244.63
	124352134	8/15/2018	\$551.05
	124353994	9/13/2018	\$685.47
	124355535	10/4/2018	\$182.83
	<b>TOTAL</b>		<b>\$180,944.56</b>



PLEASE REMIT PAYMENT TO:

Geosyntec Consultants

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  
Attention: HIMANSHU MEHTA, P.E.

Invoice #: 124355535  
Invoice Date: 10/4/2018  
Project: FL2523  
Project Name: CLASS I LFL PERMIT RENEWAL SERVICE

For Professional Services Rendered through transaction date: 9/30/2018

IF YOU HAVE QUESTIONS ABOUT THIS INVOICE, PLEASE CONTACT DR. KWASI BADU-TWENEBOAH AT 904-858-1818

CCNA-2014-WORK ORDER NO.1

Professional Services	\$177.50
3.0% Communication Fee	\$5.33
Current Invoice	----- \$182.83
<b>**Amount Due This Invoice **</b>	<b>\$182.83</b>

**Statement**

Prior Billings	\$180,761.73	Project Budget	\$180,945.00
Current Invoice	\$182.83	Expended to Date	\$180,944.56
Billed To Date	\$180,944.56	Contract Balance	\$0.44
Paid To Date	\$180,761.73	<b>**Amount Due This Invoice **</b>	<b>\$182.83</b>

Please include our invoice number on wire payment and make payment to the following:

**Bank Details: Citibank**  
3660 West Hillsboro Blvd  
Deerfield Beach, FL 33441  
**ABA/Routing: 067004764 (ACH) 266086554 (Wire)**  
**Swift: CITI US 33**



Phase : 01) GC/MEETING SUPPORT/PM

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>ADMINISTRATIVE ASSISTANT</b>				
TERPSTRA, TORI	09/13/2018	0.25	94.00	23.50
	09/28/2018	0.50	94.00	47.00
Total: ADMINISTRATIVE ASSISTANT		0.75		70.50
<b>PRINCIPAL</b>				
BADU-TWENEBOAH, KWASI	09/06/2018	0.50	214.00	107.00
Total: PRINCIPAL		0.50		107.00
<b>Total Phase : 01) GC/MEETING SUPPORT/PM</b>			<b>Phase Labor</b>	<b>177.50</b>
			<b>3.0% Communication Fee</b>	<b>5.33</b>
				<b>Total Project Labor</b>
				<b>177.50</b>
				<b>3.0% Communication Fee</b>
				<b>5.33</b>
				<b>0.00</b>
<b>Total Project: FL2523 – CLASS I LFL PERMIT RENEWAL SERVICE</b>				<b>182.83</b>