



1701 Highway A 1 A Suite 301  
Vero Beach, Florida 32963  
tel: 772-231-4301  
fax: 772-231-4998

January 3, 2017

Mr. Himanshu H. Mehta, P.E.  
Managing Director  
Indian River County  
Solid Waste Disposal District  
1325 74th Avenue SW  
Vero Beach, Florida 32960

Subject: Permit Compliance Assistance for the Calendar Year 2018  
Indian River County Solid Waste Disposal District  
CDM Smith CCNA-2014 WO NO. 13

Dear Mr. Mehta:

Transmitted herewith is one copy of CCNA-2014 WO No. 13 to provide selected annual operating permit compliance assistance services, which are required by the Florida Department of Environmental Protection (FDEP) during calendar year 2018. The services provided in this work order include semi-annual sampling and reporting, Title V permit compliance and reporting, evaluation monitoring for the C&D debris disposal facility, and general technical and miscellaneous permit compliance reporting. The Scope of Services, Project Budget, and Project Schedule are provided herewith as Exhibits A, B, and C, respectively.

If you have any questions or require additional information, please call me at your convenience.

Sincerely,

Kevin N. Vann, P.E., BCEE  
Principal Environmental Engineer  
CDM Smith Inc.

Approved by:

Eric J. Grotke, P.E., BCEE  
Vice President  
CDM Smith Inc.

KNV/EJG/jj  
Attachments  
File: 0000-EJGMK-MG.IRC

cc: Vincent Burke, IRC



**WORK ORDER NUMBER CCNA2014WO13**

**Permit Compliance Assistance for the Calendar Year 2018**

This Work Order Number 13 is entered into as of this \_\_\_ day of \_\_\_\_\_, 2018, pursuant to that certain Extension and Amendment of Continuing Contract Agreement for Professional Services entered into as of this 4<sup>th</sup> day of November, 2014 (collectively referred to as the "Agreement") and that certain Extension of Continuing Contract Agreement for Professional Services entered into as of this 24<sup>th</sup> day of October, 2017 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and CDM Smith Inc., (CDM Smith) ("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:  
CDM Smith Inc.**

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

By: 

By: \_\_\_\_\_, Chairman

Title: 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**

**AUTHORIZATION FOR PROFESSIONAL SERVICES**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT**  
**ENGINEERING SERVICES FOR**

**2018 PERMIT COMPLIANCE MONITORING AND REPORTING**

**CCNA-2014 WO NO. 13**

This Authorization, when executed, shall be incorporated in, and become part of the Continuing Contract Agreement for Professional Services between the Indian River County Solid Waste Disposal District (COUNTY), and CDM Smith Inc. (CONSULTANT), dated December 6, 2011, and the Extensions and Amendments of Continuing Contract Agreement for Professional Services, dated November 4, 2014 and October 24, 2017, hereafter referred to as the Contract.

**BACKGROUND**

***Solid Waste Operation Permit Water Quality Compliance***

Semi-annual reports of groundwater quality at the COUNTY Landfill must be submitted to the Florida Department of Environmental Protection (FDEP) in accordance with Chapter 62-701.510, Florida Administrative Code (F.A.C.) and the Water Quality Monitoring Plan (WQMP) included as Appendix 3 of Permit Nos. 0128769-022-SC and 0128769-023-SO for the Class I landfill and the WQMP included as Appendix 3 of Permit No. 0128769-025-SO-24 dated July 13, 2017 for the C&D debris disposal facility.

Two semi-annual monitoring reports that document the sampling events will be required in calendar year 2018.

Semi-annual sampling of the Class I and C&D debris disposal facility groundwater monitor wells shall be performed in January and July of 2018. The samples collected from the Class I monitoring wells during these events will be analyzed for the routine monitoring parameters listed in Paragraph 7 of the WQMP and Chapter 62-701.510(7)(a), F.A.C. The samples collected from the C&D debris disposal facility monitoring wells, except for MW-21, will be analyzed for the routine monitoring parameters listed in Paragraph 8 of the WQMP and Chapter 62-701.730(8)(c), F.A.C. In total, 39 wells (29 Class I and 10 C&D) will be sampled in January and 26 wells (16 Class I and 10 C&D) will be sampled in July. Samples from one surface water site shall be collected in January and July, if water is discharging from the stormwater pond. The samples, if collected, will be analyzed for the parameters listed in Paragraph 13 of the WQMP and Chapter 62-701.510(7)(b), F.A.C.

All laboratory analyses will be performed by the COUNTY contract laboratory (ENCO).

***Evaluation Monitoring for the C&D Debris Disposal Facility***

Results of routine semi-annual monitoring of groundwater quality at the C&D debris disposal facility in January 2017 indicated that confirmed concentrations of benzene and sodium exceeded the Primary Drinking Water Standard Maximum Contaminant Levels (MCLs) in samples collected from monitor well MW-21S. MW-21S is one of the 10 detection monitor wells that comprise the monitoring network for the C&D debris disposal facility. In accordance with Florida Department of

Environmental Protection (FDEP) rules and the permit for the facility, the COUNTY reported the exceedances of the MCLs to the FDEP in March 2017. In a letter dated June 22, 2017, FDEP requested that the COUNTY initiate evaluation monitoring in accordance with the requirements of Chapter 62-701.510(6), Florida Administrative Code (F.A.C.). In July 2017, the COUNTY installed one monitor well (MW-49S) and performed two quarterly sampling events (July 2017 and October 2017).

Monitoring wells MW-21 and MW-49S will be sampled quarterly in January 2018, April 2018, July 2018, and October 2018. The samples collected in January, April and July will be analyzed for the parameters listed in Chapter 62-701.510(7)(a), F.A.C. The samples collected in October 2018 will be analyzed for the parameters listed in Chapter 62-701.510(7)(c), F.A.C.

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

The COUNTY Landfill also operates under a Title V permit (Permit No. 0610015-005-AV) effective on June 1, 2017, which contains monitoring and reporting requirements related to the landfill gas collection and control system. The COUNTY is required to prepare and submit the following to FDEP and the U.S. Environmental Protection Agency (USEPA), Region 4:

- Annual Statement of Compliance (within 60 days after the end of the calendar year);
- Electronic Annual Operating Report and Title V Emission Fee (on or before April 1 of the following year);
- Semi-Annual Monitoring Report (target submittal dates on March 1 and August 29), and
- Results of an annual landfill gas sulfur content test (included in the Electronic Annual Operating Report).

Effective December 31, 2013, the Major Air Pollution Source Annual Emissions Fee is calculated by FDEP's Electronic Annual Operating Report (EAOR) application that is used to produce the Annual Operating Report listed above. The emissions fee for 2017 is due by April 1, 2018.

### **SCOPE OF SERVICES**

CONSULTANT will undertake the necessary annual permit compliance monitoring and reporting, which will include the following tasks:

Task 1.0: Project Quality Management

Task 2.0: Semi-Annual Water Quality Sampling and Reporting

Task 3.0: Title V Permit Compliance and Reporting

Task 4.0: Evaluation Monitoring for the C&D Debris Disposal Facility

Task 5.0: General Technical and Miscellaneous Permit Compliance Reporting

The below Scope of Services is based on regulations and monitoring and reporting requirements as of the authorization date of this Work Order. An amendment to this Scope of Services may be needed if there are any regulatory changes that result in additional work.

### **TASK 1.0 – PROJECT QUALITY MANAGEMENT**

Activities performed under this task consist of those generally administrative functions required to assure that the project remains on schedule, within budget, and that the quality of the work products defined within this scope is consistent with CONSULTANT's standards and the COUNTY's expectations.

CONSULTANT maintains a Quality Management System (QMS) on all projects. The CONSULTANT will comply with its QMS, which includes independent review of deliverables, monthly project status reviews, and project close-out activities. CONSULTANT will meet with COUNTY staff for project planning and coordination, as needed. CONSULTANT's project manager will attend status reporting meetings as needed throughout the life of the project. Preparation of invoices and project administration will also be performed under this task.

## **TASK 2.0 –SEMI-ANNUAL WATER QUALITY SAMPLING AND REPORTING**

CONSULTANT will assist COUNTY with all sampling preparation activities, including scheduling, staffing, subcontracting, and field equipment preparation. CONSULTANT will perform the field testing, sample collection, and water-level measurements. CONSULTANT will contract with Ideal Tech Services Inc. (ITS) to perform the groundwater and surface water sampling. Prior to collecting groundwater samples in January and July 2018, CONSULTANT/ITS will collect water level data from 58 groundwater monitor wells and 1 staff gauge (SG-12). CONSULTANT/ITS will perform semi-annual sampling of the Class I and C&D debris disposal facility groundwater monitor wells in January (39 wells) and July (26 wells) of 2018.

CONSULTANT/ITS will also perform semi-annual (January and July) sampling of the surface water site, if discharging.

It is estimated that data collection and sampling will take four days to complete in January and three days to complete in July. In the event that FDEP requires resampling of groundwater monitoring wells, the labor and materials will be invoiced under Task 5 of this Scope of Services. If the resampling is the result from errors made by the sampling staff, the COUNTY will not be invoiced. CONSULTANT/ITS will deliver the samples to the COUNTY contract laboratory (ENCO) Orlando office for analysis.

Unless otherwise determined by the COUNTY, ENCO will perform the laboratory analysis under the COUNTY's contract. CONSULTANT will assist the COUNTY in coordinating the analytical testing activities with ENCO, notify FDEP prior to sampling as required by the MPIS, review and evaluate the analytical test results, and prepare the semi-annual reports.

CONSULTANT will prepare a semi-annual report for each of the two monitoring events that will be submitted to FDEP within 60 days of receipt of valid laboratory results from the laboratory that is contracted by the COUNTY to analyze samples. Services included in preparing the semi-annual reports entail:

- Review of laboratory results with respect to FDEP groundwater quality criteria and historical laboratory results. If review of the data indicates potential errors in the results or concentrations of analyses that could potentially result in enforcement action, CONSULTANT will notify the COUNTY prior to preparing the report and request confirmatory samples, if needed.
- Preparation of semi-annual monitoring reports for the January and July monitoring events. The reports will include brief discussions of the results, water level contour maps, and copies of the analytical reports. A draft report will be submitted for review, if requested.
- CONSULTANT will provide the final report in portable document file (PDF) format and analytical data in ADaPT format for submittal to FDEP in accordance with Paragraph V.7 of the WQMP.

### **TASK 3.0 – TITLE V PERMIT COMPLIANCE AND REPORTING**

Title V Permit No. 0610015-005-AV, which is the current permit as of the date of this work order, contains monitoring and reporting requirements related to the landfill gas collection and control system. CONSULTANT will assist COUNTY, as described below, in fulfilling all air permit requirements and conditions within the required regulatory timeframes.

#### Statement of Compliance

CONSULTANT will prepare and submit the annual Statement of Compliance for the COUNTY Landfill. This document must be submitted to FDEP within 60 days after the end of the calendar year, as required by Rule 62-213.440(3)(a)(2), F.A.C.

#### Electronic Annual Operating Report (EAOR)

CONSULTANT will prepare and submit the EAOR for the COUNTY Landfill. This report must be submitted to FDEP on or before April 1 of each calendar year, as required by Rule 62-210.370(3), F.A.C.

CONSULTANT will estimate the annual emission rates of non-methane organic compounds and volatile organic compounds from the landfill gas to determine the COUNTY's status with regard to operation and reporting requirements of the active landfill gas collection and control system under the New Source Performance Standards requirements. Results of the annual landfill gas sulfur content test will be used in calculations that are included with the EAOR.

#### Semi-Annual Monitoring Report

CONSULTANT will prepare and submit two semi-annual monitoring reports to demonstrate compliance with the federal requirements. The report includes the following information:

- a. 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;
- b. 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 as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.
- c. All reports shall be accompanied by a certification by a responsible official, pursuant to subsection 62-213.420(4), F.A.C.

The reports will only cover deviations from Title V permit conditions. Landfill and landfill gas operational data is not required to be reviewed and submitted to FDEP per the Title V permit.

#### Annual Title V Emissions Fee

The EAOR application used for reporting to FDEP will automatically calculate the annual emission fee for the facility. CONSULTANT will notify COUNTY of the fee amount. Once the check is in-hand, CONSULTANT will submit the fee on COUNTY's behalf prior to the April 1 deadline.

#### Annual Landfill Gas Sulfur Content Test

CONSULTANT will take three samples of landfill gas annually to determine the sulfur content in accordance with Method ASTM D5504-12 or D7493. CONSULTANT will coordinate as needed with certified air testing laboratory. Calculated sulfur emissions using the laboratory results will be included in the EAOR. The landfill gas sulfur content test can be completed anytime during the

calendar year, but will be completed no later than February 28, 2018 so that results can be included with the EAOR.

#### **TASK 4.0 – EVALUATION MONITORING FOR THE C&D DEBRIS DISPOSAL FACILITY**

CONSULTANT, using Ideal Tech Services, Inc. (ITS) as a subcontractor, will perform the quarterly sampling events for Calendar Year 2018 (January 2018, April 2018, July 2018 and October 2018) for MW-49S and MW-21S. The samples collected in January, April and July will be analyzed for the parameters listed in Chapter 62-701.510(7)(a), F.A.C. The samples collected in October 2018 will be analyzed for the parameters listed in Chapter 62-701.510(7)(c), F.A.C. The January 2018 and July 2018 events will be performed concurrently with the routine groundwater monitoring scheduled for late January and July 2018. CONSULTANT /ITS will coordinate with and deliver samples to COUNTY'S contract analytical laboratory. ENCO will perform the laboratory analysis under COUNTY'S contract.

CONSULTANT will prepare an Evaluation Monitoring Report for each of the four quarterly monitoring events. Draft reports will be submitted to the COUNTY for review and comment. The reports will be finalized and submitted to FDEP after resolution of COUNTY comments. The reports will be letter reports.

In the event that FDEP requires changes to the monitoring and reporting requirements, the additional services will be performed under Task 5 below.

#### **TASK 5.0 – GENERAL TECHNICAL AND MISCELLANEOUS PERMIT COMPLIANCE REPORTING**

CONSULTANT will provide general technical and permit compliance assistance to COUNTY staff on an as needed basis. COUNTY staff is performing a number of the tasks required annually by the current FDEP landfill permits. CONSULTANT will provide support as needed for the COUNTY staff as they perform these tasks.

General technical and permit compliance assistance tasks may include:

- Reporting required by the Multi-Sector Generic Permit for stormwater discharge;
- Quarterly monitoring and reporting of the landfill gas monitoring wells located at the COUNTY; Landfill site boundary, as well as enclosed structures located on site;
- Preparing agenda items for and attending Board of County Commissioners meetings;
- Developing annual COUNTY budgets;
- Miscellaneous permit renewals or technical support;
- Preparation of contamination evaluation plan if required by FDEP;
- Abandon up to four groundwater monitor wells;
- Install up to two additional evaluation monitoring wells for the C&D debris disposal facility, and
- Sampling and reporting for additional monitor wells, surface water, leachate, etc.

#### **ASSUMPTIONS**

- This Scope of Services and cost proposal is based on solid waste operations Permit Nos. 0128769-022-SC and 0128769-023-SO for the Class I landfill and the WQMP included as Appendix 3 of Permit No. 0128769-025-SO-24 dated July 13, 2017 for the C&D debris disposal facility.
- Laboratory analysis is not included in this Work Order.
- This Work Order is based on the Title V Permit No. 0610015-005-AV (effective June 1, 2017), which is the current permit as of the date of this Work Order and expires on June 1, 2022. Title

V compliance requirements will not change from those listed in Title V Permit No. 0610015-005-AV.

- Tasks 1 and 2 do not include meetings with the Florida Department of Environmental Protection.
- The semi-annual water quality data for the Class I landfill and C&D debris disposal facility will be submitted as a combined single report.
- Valid laboratory analytical results are received in January, April, July, and October.
- Sampling of C&D debris disposal facility wells will be completed under existing WQMP requirements.
- This Work Order does not include Site Assessment activities, if required by FDEP.
- The flare visible emissions test has not been included since the testing is only necessary if required by the FDEP. Note that a visible emissions test will need to be completed in 5 years for the next permit renewal.
- As reported in Title V Permit No. 0610015-005-AV, the NMOC emissions are predicted to be less than the current threshold (50 Mg/year). Therefore, the NMOC Emission Rate Report can be completed in 5 years for the next permit renewal. If annual NMOC emissions start exceeding the threshold, the NMOC Emission Rate Report will be required annually.
- As stated in the Title V Permit No. 0610015-005-AV, the landfill is not subject to the gas collection and control requirements of 40 CFR 60, Subpart WWW. Therefore, gas system operational compliance monitoring is not required to be reported in the semi-annual monitoring report. The semi-annual monitoring reports will only cover deviations from Title V permit conditions. Landfill and landfill gas operational data is not required to be reviewed and submitted to FDEP per the Title V permit.
- The scope of services in this Work Order is based on regulations and monitoring and reporting requirements as of the authorization date of this Work Order. An amendment to this Work Order may be needed if there are any regulatory changes that result in additional work.
- If FDEP requires contamination beyond the zone of discharge, a separate work order will be required.

#### **DATA OR ASSISTANCE TO BE PROVIDED BY COUNTY**

- Existing data available on construction of the existing groundwater monitor wells.
- Available site surveys.
- Available record information.
- Laboratory analytical reports and direct access to laboratory personnel.
- COUNTY contract laboratory will provide copies of analytical reports in electronic format (ADaPT) and in PDF format.
- Access and clearance of vegetation to sampling/monitoring sites.
- Maintenance of wells and staff gauge.
- Annual operations data needed for emissions estimating including, but not limited to, tonnages of waste accepted, quantity of landfill gas collected, and hours of emergency engine operation.
- Annual Title V emissions fee.

#### **PAYMENT AND COMPENSATION**

Compensation for the Work Order described herein shall be made on the basis of a lump sum fee. The annual lump sum fee for Tasks 1.0 through 5.0, inclusive, is \$150,990 as shown in Exhibits B. CONSULTANT will invoice the COUNTY on a monthly basis based on percent complete of each task. For invoice purposes only, the value of each task is as shown in the **Table 1**.



**Table 1**

<b>TASK VALUE FOR INVOICE PURPOSE</b>		
<b>TASK</b>	<b>DESCRIPTION</b>	<b>VALUE</b>
1.0	Project Quality Management	\$23,540
2.0	Semi-Annual Water Quality Sampling and Reporting	\$44,740
3.0	Title V Permit Compliance and Reporting	\$24,760
4.0	Evaluation Monitoring for the C&D Debris Disposal Facility	\$26,840
5.0	General Technical and Miscellaneous Permit Compliance Reporting	\$31,110
<b>TOTAL WORK ORDER NO. 13 - LUMP SUM</b>		<b>\$150,990</b>

**EXHIBIT B**

**PROJECT BUDGET**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT**  
**ENGINEERING SERVICES FOR**

**2018 PERMIT COMPLIANCE MONITORING AND REPORTING**

**CCNA-2014 WO NO. 13**

PROJECT: IRC SWDD Annual Permit Compliance  
Monitoring Reporting Services

DESCRIPTION: Task 1.0 – Project Quality Management

CONTRACT REFERENCE: Agreement between the Indian River County Board of County Commissioners and CDM Smith Inc.

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Sr. Officer	8	\$220	\$1,760
Associate	50	\$200	\$10,000
Principal	12	\$195	\$2,340
Senior Professional	24	\$165	\$3,960
Professional II	24	\$130	\$3,120
Project Administration	<u>16</u>	\$85	<u>\$1,360</u>
Total Hours	134		
 Total Salary Cost			 \$22,540
 Other Direct Costs			 <u>\$1,000</u>
 TOTAL LUMP SUM FEE			 <u>\$23,540</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum fee \$23,540. CONSULTANT will submit monthly invoices based on the percent complete for the work performed.

**EXHIBIT B**

**PROJECT BUDGET**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT  
ENGINEERING SERVICES FOR  
2018 PERMIT COMPLIANCE MONITORING AND REPORTING  
CCNA-2014 WO NO. 13**

PROJECT: IRC SWDD Annual Permit Compliance  
Monitoring Reporting Services

DESCRIPTION: Task 2.0 – Semi-Annual Water Quality Sampling and Reporting

CONTRACT REFERENCE: Agreement between the Indian River County Board of County Commissioners and CDM Smith Inc.

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Sr. Officer	8	\$220	\$1,760
Associate	20	\$200	\$4,000
Principal	10	\$195	\$1,950
Senior Professional	48	\$165	\$7,920
Professional II	30	\$130	\$3,900
Professional I	20	\$110	\$2,200
Senior Support	6	\$120	\$720
Staff Support	12	\$85	\$1,020
Project Administration	<u>16</u>	\$85	<u>\$1,360</u>
Total Hours	170		
Total Salary Cost			\$24,830
Other Direct Costs			\$1,900
Outside Professional Services			
Ideal Tech Services, Inc.			\$10,010
Beeson Consulting, Inc.			<u>\$8,000</u>
TOTAL LUMP SUM FEE			<u>\$44,740</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum fee of \$44,740. CONSULTANT will submit monthly invoices based on the percent complete for the work performed.

**EXHIBIT B**

**PROJECT BUDGET**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT  
ENGINEERING SERVICES FOR**

**2018 PERMIT COMPLIANCE MONITORING AND REPORTING**

**CCNA-2014 WO NO. 13**

PROJECT: IRC SWDD Annual Permit Compliance  
Monitoring Reporting Services

DESCRIPTION: Task 3.0 – Title V Permit Compliance and Reporting

CONTRACT REFERENCE: Agreement between the Indian River County Board of County Commissioners and CDM Smith Inc.

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Sr. Officer	6	\$220	\$1,320
Associate	16	\$200	\$3,200
Principal	4	\$195	\$780
Senior Professional	60	\$165	\$9,900
Professional II	36	\$130	\$4,680
Professional I	8	\$110	\$880
Senior Support	8	\$120	\$960
Staff Support	2	\$85	\$170
Project Administration	<u>12</u>	\$85	<u>\$1,020</u>
Total Hours	152		
Total Salary Cost			\$22,910
Other Direct Costs			<u>\$1,850</u>
TOTAL LUMP SUM FEE			<u>\$24,760</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum fee \$24,760. CONSULTANT will submit monthly invoices based on the percent complete for the work performed.

**EXHIBIT B**

**PROJECT BUDGET**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT  
ENGINEERING SERVICES FOR  
2018 PERMIT COMPLIANCE MONITORING AND REPORTING  
CCNA-2014 WO NO. 13**

PROJECT: IRC SWDD Annual Permit Compliance  
Monitoring Reporting Services

DESCRIPTION: Task 4.0 – Evaluation Monitoring for the C&D Debris Disposal Facility

CONTRACT REFERENCE: Agreement between the Indian River County Board of County Commissioners and CDM Smith Inc.

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Sr. Officer	4	\$220	\$880
Associate	8	\$200	\$1,600
Principal	4	\$195	\$780
Senior Professional	30	\$165	\$4,950
Professional II	30	\$130	\$3,900
Professional I	20	\$110	\$2,200
Senior Support	12	\$120	\$1,440
Staff Support	4	\$85	\$340
Project Administration	<u>24</u>	\$85	<u>\$2,040</u>
Total Hours	136		
Total Salary Cost			\$18,130
Other Direct Costs			\$1,400
Outside Professionals			
Beeson Consulting			\$5,000
Ideal Tech			<u>\$2,310</u>
TOTAL LUMP SUM FEE			<u>\$26,840</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum of \$26,840. CONSULTANT will submit monthly invoices based on the percent complete for the work performed.

**EXHIBIT B**

**PROJECT BUDGET**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT**  
**ENGINEERING SERVICES FOR**

**2018 PERMIT COMPLIANCE MONITORING AND REPORTING**

**CCNA-2014 WO NO. 13**

PROJECT: IRC SWDD Annual Permit Compliance  
Monitoring Reporting Services

DESCRIPTION: Task 5.0 – General Technical and Miscellaneous Permit Compliance  
Reporting

CONTRACT REFERENCE: Agreement between the Indian River County Board of County  
Commissioners and CDM Smith Inc.

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Sr. Officer	14	\$220	\$3,080
Associate	4	\$200	\$800
Principal	20	\$195	\$3,900
Senior Professional	40	\$165	\$6,600
Professional II	14	\$130	\$1,820
Professional I	12	\$110	\$1,320
Senior Support	2	\$120	\$240
Staff Support	4	\$85	\$340
Project Administration	<u>6</u>	\$85	<u>\$510</u>
Total Hours	116		
 Total Salary Cost			 \$18,610
 Other Direct Costs			 <u>\$2,500</u>
 Outside Professional (Driller, Surveyor, Beeson Consulting, etc.)			 <u>\$10,000</u>
 TOTAL LUMP SUM FEE			 <u>\$31,110</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum of \$31,110. CONSULTANT will submit monthly invoices based on the percent complete for the work performed.

**EXHIBIT C**

**PROJECT SCHEDULE**

**INDIAN RIVER COUNTY SOLID WASTE DISPOSAL DISTRICT  
ENGINEERING SERVICES FOR  
2018 PERMIT COMPLIANCE MONITORING AND REPORTING  
CCNA-2014 WO NO. 13**

The following project schedule has been developed based on receiving authorization on or before January 16, 2018.

<u>Task</u>	<u>Completion Date</u>	
Task 1.0:	January 1, 2018 through December 31, 2018	
Task 2.0:	Sampling events: January 2018 and July 2018: report submittals March 2018 and September 2018 (Includes sampling events, review and validation of results, and completion/submittal of reports within 60 days of receipt of laboratory analysis)	
Task 3.0:	Statement of Compliance Electronic Annual Operating Report Annual Title V Emissions Fee Semi-Annual Monitoring Report Annual Landfill Gas Sulfur Content Test	March 1, 2018 April 1, 2018 April 1, 2018 March 1, 2018 and August 29, 2018 February 28, 2018
Task 4.0:	Sampling events: January 2018, April 2018, July 2018, and October 2018: report submittals March 2018, June 2018, September 2018, and December 2018	
Task 5.0:	January 1, 2018 through December 31, 2018	