

WORK ORDER NUMBER CCNA2018WO3

Permit Compliance Assistance for the Calendar Year 2019


This Work Order Number 3 is entered into as of this ___ day of _____, 2019, pursuant to that certain Continuing Contract Agreement for Professional Services entered into as of this 17th day of April, 2018 (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: 
Title: Vice President

By: _____
Bob Solari, Chairman

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

2019 PERMIT COMPLIANCE MONITORING AND REPORTING

CCNA-2018 WO NO. 3

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 April 17, 2018, hereafter referred to as the Contract.

PROJECT 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 2019.

Semi-annual sampling of the Class I and C&D debris disposal facility groundwater monitor wells shall be performed in January and July of 2019. 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-21S and MW-49S will be sampled quarterly in January 2019, April 2019, July 2019, and October 2019. 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 2019 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 (Annual Emissions Report for Sulfur Dioxide letter report and 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 2018 is due by April 1, 2019.

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 2019, 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 2019.

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 a certified air testing laboratory. Calculated sulfur emissions using the laboratory results will be

submitted to FDEP in a letter report after receipt of the laboratory test report. The landfill gas sulfur content test will be completed no later than December 31, 2019.

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 2019 (January 2019, April 2019, July 2019 and October 2019) for MW-21S and MW-49S. 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 2019 will be analyzed for the parameters listed in Chapter 62-701.510(7)(c), F.A.C. The January 2019 and July 2019 events will be performed concurrently with the routine groundwater monitoring scheduled for late January and July 2019. 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 as a result of the Contamination Evaluation Report that is being prepared under a separate work order, 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;
- Install one piezometer for Segment 3 Cell 2;
- Sampling and reporting for up to six additional C&D monitoring wells dependent on FDEP review of the Contamination Evaluation Report, 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.
- If FDEP requires any changes to the C&D sampling and reporting due to the Contamination Evaluation Report results beyond additional monitoring of six new wells, 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 \$150,780 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

TASK VALUE FOR INVOICE PURPOSE		
TASK	DESCRIPTION	VALUE
1.0	Project Quality Management	\$25,190
2.0	Semi-Annual Water Quality Sampling and Reporting	\$46,700
3.0	Title V Permit Compliance and Reporting	\$26,380
4.0	Evaluation Monitoring for the C&D Debris Disposal Facility	\$28,510
5.0	General Technical and Miscellaneous Permit Compliance Reporting	\$24,000
TOTAL WORK ORDER NO. 3 - LUMP SUM		\$150,780

EXHIBIT B

PROJECT BUDGET

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

2019 PERMIT COMPLIANCE MONITORING AND REPORTING

CCNA-2018 WO NO. 3

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	\$240	\$1,920
Associate	50	\$215	\$10,750
Principal	12	\$210	\$2,520
Senior Professional	24	\$175	\$4,200
Professional II	24	\$140	\$3,360
Document Control Specialist	<u>16</u>	\$90	<u>\$1,440</u>
Total Hours	134		
Total Salary Cost			\$24,190
Other Direct Costs			<u>\$1,000</u>
TOTAL LUMP SUM FEE			<u>\$25,190</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum fee \$25,190. 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
2019 PERMIT COMPLIANCE MONITORING AND REPORTING
CCNA-2018 WO NO. 3**

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	\$240	\$1,920
Associate	20	\$215	\$4,300
Principal	10	\$210	\$2,100
Senior Professional	48	\$175	\$8,400
Professional II	30	\$140	\$4,200
Professional I	20	\$120	\$2,400
Senior Support	6	\$130	\$780
Staff Support	12	\$95	\$1,140
Document Control Specialist	<u>16</u>	\$90	<u>\$1,440</u>
Total Hours	170		
Total Salary Cost			\$26,680
Other Direct Costs			\$1,900
Outside Professional Services			
Ideal Tech Services, Inc.			\$10,120
Beeson Consulting, Inc.			<u>\$8,000</u>
TOTAL LUMP SUM FEE			<u>\$46,700</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum fee of \$46,700. 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**

2019 PERMIT COMPLIANCE MONITORING AND REPORTING

CCNA-2018 WO NO. 3

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	\$240	\$1,440
Associate	16	\$215	\$3,440
Principal	4	\$210	\$840
Senior Professional	60	\$175	\$10,500
Professional II	36	\$140	\$5,040
Professional I	8	\$120	\$960
Senior Support	8	\$130	\$1,040
Staff Support	2	\$95	\$190
Document Control Specialist	<u>12</u>	\$90	<u>\$1,080</u>
Total Hours	152		
Total Salary Cost			\$24,530
Other Direct Costs			<u>\$1,850</u>
TOTAL LUMP SUM FEE			<u>\$26,380</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum fee \$26,380. 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**

2019 PERMIT COMPLIANCE MONITORING AND REPORTING

CCNA-2018 WO NO. 3

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	\$240	\$960
Associate	8	\$215	\$1,720
Principal	4	\$210	\$840
Senior Professional	30	\$175	\$5,250
Professional II	30	\$140	\$4,200
Professional I	20	\$120	\$2,400
Senior Support	12	\$130	\$1,560
Staff Support	4	\$95	\$380
Document Control Specialist	<u>24</u>	\$90	<u>\$2,160</u>
Total Hours	136		
Total Salary Cost			\$19,470
Other Direct Costs			\$1,400
Outside Professionals			
Beeson Consulting			\$5,000
Ideal Tech			<u>\$2,640</u>
TOTAL LUMP SUM FEE			<u>\$28,510</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum of \$28,510. 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**

2019 PERMIT COMPLIANCE MONITORING AND REPORTING

CCNA-2018 WO NO. 3

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	\$240	\$3,360
Associate	4	\$215	\$860
Principal	20	\$210	\$4,200
Senior Professional	20	\$175	\$3,500
Professional II	14	\$140	\$1,960
Professional I	12	\$120	\$1,440
Senior Support	2	\$130	\$260
Staff Support	4	\$95	\$380
Document Control Specialist	<u>6</u>	\$90	<u>\$540</u>
Total Hours	96		
Total Salary Cost			\$16,500
Other Direct Costs			<u>\$1,500</u>
Outside Professional (Driller, Ideal Tech, Beeson Consulting, etc.)			<u>\$6,000</u>
TOTAL LUMP SUM FEE			<u>\$24,000</u>

For the basic services under this Agreement, COUNTY agrees to pay the Consultant a lump sum of \$24,000. 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
2019 PERMIT COMPLIANCE MONITORING AND REPORTING
CCNA-2018 WO NO. 3**

The following project schedule has been developed based on receiving authorization on or before January 1, 2019.

<u>Task</u>	<u>Completion Date</u>										
Task 1.0:	January 1, 2019 through December 31, 2019										
Task 2.0:	Sampling events: January 2019 and July 2019: report submittals March 2019 and September 2019 (Includes sampling events, review and validation of results, and completion/submittal of reports within 60 days of receipt of laboratory analysis)										
Task 3.0:	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Statement of Compliance</td> <td>March 1, 2019</td> </tr> <tr> <td>Electronic Annual Operating Report</td> <td>April 1, 2019</td> </tr> <tr> <td>Annual Title V Emissions Fee</td> <td>April 1, 2019</td> </tr> <tr> <td>Semi-Annual Monitoring Report</td> <td>March 1, 2019 and August 29, 2019</td> </tr> <tr> <td>Annual Landfill Gas Sulfur Content Test</td> <td>December 31, 2019</td> </tr> </table>	Statement of Compliance	March 1, 2019	Electronic Annual Operating Report	April 1, 2019	Annual Title V Emissions Fee	April 1, 2019	Semi-Annual Monitoring Report	March 1, 2019 and August 29, 2019	Annual Landfill Gas Sulfur Content Test	December 31, 2019
Statement of Compliance	March 1, 2019										
Electronic Annual Operating Report	April 1, 2019										
Annual Title V Emissions Fee	April 1, 2019										
Semi-Annual Monitoring Report	March 1, 2019 and August 29, 2019										
Annual Landfill Gas Sulfur Content Test	December 31, 2019										
Task 4.0:	Sampling events: January 2019, April 2019, July 2019, and October 2019: report submittals March 2019, June 2019, September 2019, and December 2019										
Task 5.0:	January 1, 2019 through December 31, 2019										