

**WORK AUTHORIZATION # CM2685-WA02**  
**NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS**  
**CONTINUING CONTRACT FOR PROFESSIONAL ENGINEERING SERVICES**  
**SOLID WASTE LANDFILLS AND OTHER RELATED ANCILLARY FACILITIES**  
**FOR NASSAU COUNTY, FLORIDA**  
**RFQ/BID NO. NC19-001**

<b>Consultant:</b>	S2L, Incorporated
<b>Contract Number:</b>	CM2685
<b>Contact Name:</b>	Omar Smith, P.E., V.P.
<b>Contact Number:</b>	407-475-9163
<b>Email:</b>	osmith@s2li.com

CURRENT WORK AUTHORIZATION			
Project Short Title: Title V Air Permit Renewal Application for the West Nassau Class I Landfill			
		CONTRACT OVERVIEW	
		Total of Previous Authorizations	\$10,909.75
Date Submitted	04/29/19	Adjustments/Change Orders	\$0
Amount	\$17,455.41	This Work Authorization	\$17,455.41
Scheduled Completion	04/08/2020	Current Contract Total	\$28,365.16

This Work Authorization is to the CONTRACT between Nassau County and the Consultant known as the *Continuing Contract for Professional Engineering Services-Solid Waste Landfills and Other Related Ancillary Facilities for Nassau County, Florida*, dated April 22, 2019. The services to be provided under this Work Authorization are as follows:

**ARTICLE 1. Services Described as:**

S2Li will provide services for the preparation and electronic submission of the Title V permit renewal application to Florida Department of Environmental Protection (FDEP) for the West Nassau Landfill which are further described in Attachment "A", attached hereto and incorporated herein. Services will be completed as tasks consisting of:

**Task 1 – Preparation of the Title V Operating Permit Renewal Application**

**Task 2- Response to Questions from FDEP**

**ARTICLE 2. Time Schedule**

Services will begin upon receipt of the fully executed Work Authorization. The S2Li Team will provide the County with a draft review copy of the application by July 31, 2019. The County will then have two (2) weeks to provide any comments to the S2Li Team regarding the application. Any comments received from the County will be addressed before finalizing and submitting the application electronically to FDEP by August 27, 2019. Additional time will be needed to provide S2Li the ability to address any comments from FDEP and to review the new permit prior to the expiration date of the existing permit. All services as set forth herein are expected to be completed no later than April 8, 2020.

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ARTICLE 3. Budget

The cost estimate to perform the work as described in the Scope of Services is \$17,455.41. A detailed breakdown for each task is attached as Exhibit "1". Costs will be invoiced on a time and materials basis.

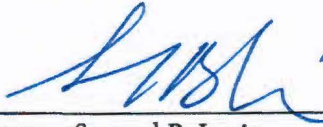
ARTICLE 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the CONTRACT referenced above and any of its attachments or schedules. Additional terms or contract provisions whether submitted purposely or inadvertently, shall have no force or effect. This Work Authorization will become a part of the referenced CONTRACT when executed by both parties.

In presenting this Work Authorization, Consultant agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed Scope of Services are attached.

AGREED TO BY: S2L, Incorporated

BY:   
Print Name: Samuel B. Levin  
Title: President  
Date: May 21, 2019

**RECOMMENDED AND APPROVED BY NASSAU COUNTY:**

Public Works:   
Department Head or Designee

Contract Management:  6/4/19  
Grayson Hagins

County Attorney:   
Michael S. Mullin

Office of Management & Budget:  4/7/19  
Megan Diehl

County Manager:  4/7/19  
Michael S. Mullin

APPROVED by the <sup>Designee for </sup> BOARD OF COUNTY COMMISSIONERS, the 17<sup>th</sup> day of June, 2019.

ACCOUNT NO.: 01362534-531000 - \$13,440.67 (77%)  
01361534-531000 - \$4,014.74 (23%)

**Attachment "A"**  
**Scope of Services**

**Preparation  
of a  
Title V Air Permit Renewal Application  
for the  
West Nassau Class I Landfill**

**Nassau County  
S2L, Inc.'s Contract and Work Authorization Number: CM2685-WA02  
S2Li Project Number: 19-833**

Due to the amount of solid waste disposed at the West Nassau Landfill (Facility) and since the Facility generates air emissions from its landfill gas flare, landfill surface, emergency generators, particulates (e.g. dust), etc., the Facility has been determined to be a Title V major source of air pollution in accordance with Chapter 213, Florida Administrative Code (F.A.C.) and by US Environmental Protection Agency (EPA) designation according to New Source Performance Standards (NSPS), Subpart WWW. The Facility has also been determined to be a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. In addition, the County's on-site Reciprocating Internal Combustion Engines (RICE) (emergency backup generators are subject to Title 40, Part 63, Subpart ZZZZ (Rule) that establishes national emission limitations and operating limitations for hazardous air pollutants (HAP). This Rule also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations. Because of these determinations and other factors, Nassau County (County) was required to obtain and maintain compliance to a Title V permit for the Facility since 1999.

The Facility's existing Title V permit expires on April 8, 2020, and the renewal application is required to be submitted to the Florida Department of Environmental Protection (FDEP) by August 27, 2019. The renewal application will be electronically submitted requiring an electronic signature from a designated County's Responsible Official (RO).

This Work Authorization will provide for the preparation and electronic submission of the Title V permit renewal application to FDEP for the West Nassau Landfill. The following sections of this cost proposal include the scope of services to be provided, an estimated schedule, cost estimate, and terms and conditions. Under the scope of services for this Work Authorization, S2L, Incorporated (S2Li) and its team of subconsultants (collectively known as the S2Li Team) will perform the following:

**SCOPE OF SERVICES**

**Task 1 – Preparation of the Title V Operating Permit Renewal Application**

S2Li Team will prepare a draft permit application with supporting documents and submit to the County for review. After incorporating any comments from the County, S2Li Team will submit the permit renewal application in electronic form under the Electronic Permit Submittal and Processing System (EPSAP) process and submit any required calculations for the emission units and any specific information on the Facility operation.

## **Task 2 – Response to Questions from FDEP**

This task includes the preparation of a response to one Request for Additional Information (RAI) by FDEP. The S2Li Team does not anticipate significant effort will be required to respond to an RAI.

### **ASSUMPTIONS**

If there are any new unpermitted sources that require an air construction permit, this will be addressed as an additional service to this work authorization.

### **SCHEDULE**

Work under the Scope of Services provided above will begin upon receipt of the signed Work Authorization. The S2Li Team will provide the County with a draft review copy of the application by July 31, 2019. The County will offer any comments on the application to the S2Li Team within a two-week period. Any comments received from the County will be addressed, the application finalized, then submitted electronically to FDEP by the renewal application due date of August 27, 2019. The existing permit will expire on April 8, 2020, so additional time is required to address any comments from FDEP and to review the new permit prior to the expiration date of the existing permit. The Work under this scope of services is expected to be completed by April 8, 2020.

### **ENGINEERING SERVICES FEE ESTIMATE**

The fee estimate to conduct the Work as described in the above-listed Scope of Services is **\$17,455.41**. A detailed breakdown for each task, in conjunction with the estimated labor hours and expenses, are included in the attached **Exhibit 1**. Costs will be on a time and material basis. The County will be notified when the overall project budget is nearing its limit.

\*\*\*\*\*

April 29, 2019

EXHIBIT 1

S2LI No. 19-833  
County No. CM2685-WA02

Total Project Costs  
S2LI Fee Estimate

Preparation of the  
Title V Air Permit Renewal Application  
West Nassau Class I Landfill  
Nassau County, Florida

LABOR		LABOR CATEGORY AND RATE								TOTAL HOURS	SUBTOTAL LABOR
		Project Dir./ Principal	Regional Manager/ QC Officer	Principal Engineer	Senior Engineer	Project Engineer	Associate Engineer/CADD	Field Technician	Office Manager		
TASK	DESCRIPTION	\$250.00	\$292.25	\$190.26	\$137.09	\$97.92	\$74.21	\$52.38	\$76.24		
1	Preparation of the Title V Operating Permit Renewal Application	2	16	0	8	0	4	0	4	34	\$5,914.52
2	Response to Questions from FDEP	1	6	0	0	0	0	0	2	9	\$1,795.98
SUBTOTALS:		3	22	0	8	0	4	0	6	43	\$7,710.50

EXPENSES		Field Vehicle (\$100/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	Attachment GROVE Scientific (subcontractor)				SUBTOTAL EXPENSES
TASK	DESCRIPTION									
1	Preparation of the Title V Operating Permit Renewal Application	\$ -	\$ -	\$ -		\$6,739.25				\$ 6,739.25
2	Response to Questions from FDEP	\$ -	\$ -	\$ -		\$3,005.66				\$ 3,005.66
SUBTOTALS:		\$ -	\$ -	\$ -	\$ -	\$ 9,744.91		\$0	\$0	\$ 9,744.91

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL S2LI LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
1	Preparation of the Title V Operating Permit Renewal Application	\$ 5,914.52	\$ 6,739.25	\$ 12,653.77
2	Response to Questions from FDEP	\$ 1,795.98	\$ 3,005.66	\$ 4,801.64
TOTALS		\$ 7,710.50	\$ 9,744.91	\$ 17,455.41

April 29, 2019

Attachment - GROVE Scientific Fee Estimate - Subconsultant

Preparation of the  
**Title V Air Permit Renewal Application**  
 West Nassau Class I Landfill  
 Nassau County, Florida

S211 No. 19-833  
 County No. CM2685-WA02

LABOR		LABOR CATEGORY AND RATE								TOTAL HOURS	SUBTOTAL LABOR	
		Sen. Scientist/ Principal \$126.57	Sen. Engineer/ PE \$215.00	Professional Geologist \$57.92	Environ. Scientist \$84.38	Environ. Specialist \$70.38	Technician \$35.10		Pureprofessional /Administrative \$59.87			
TASK	DESCRIPTION											
1	Preparation of the Title V Operating Permit Renewal Application	10	8	0	40	0	0			5	63	\$6,736.25
2	Response to Questions from FDEP	5	6	0	10	0	0			3	24	\$3,005.66
	<b>SUBTOTALS:</b>	15	14	0	50	0	0			8	87	\$9,744.91

EXPENSES		Field Vehicle (\$100/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)			Subcon- tractors (est.)			SUBTOTAL EXPENSES
TASK	DESCRIPTION										
1	Preparation of the Title V Operating Permit Renewal Application	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
2	Response to Questions from FDEP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
	<b>SUBTOTALS:</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
<b>TOTAL</b>											<b>\$9,744.91</b>

April 26, 2019



Mr. Omar E. Smithy, P.E.  
S2Li  
531 Versailles Drive, Suite 202  
Maitland, FL 32751

**RE: West Nassau Landfill  
Proposal for Title V Air Operating Permit Renewal**

Dear Omar:

We have prepared this proposal for renewing the Title V air operating permit application at the West Nassau Landfill. The scope of work and price are outlined below;

**SCOPE OF SERVICES**

**TASK 1 – Prepare an Electronic Application (EPSAP) for a Title V Air Operating Permit Renewal Application**

We propose the following;

- Prepare a draft air operating permit renewal application using EPSAP with attachments with data provided by Nassau County.
- Submit the draft for County and S2Li review.
- Discuss the County's and S2Li comments in a phone conference and/or via e-mail and incorporate the agreed upon changes into the EPSAP application.
- Sign and seal the permit application by our Florida registered professional engineer and electronically submit it to FDEP via EPSAP.

6140 EDGEWATER DRIVE • SUITE F • ORLANDO, FLORIDA 32810-4810  
PHONE (407)298-2282 • FAX (407)290-9038



- Review the draft permit and public notice and provide comments to FDEP.

**Cost Task 1**

<b>Labor Description</b>	<b>Hourly Rate (\$)</b>	<b>Hours</b>	<b>Total (\$)</b>
Senior Scientist/Principal	126.57	10	1,265.70
Professional Engineer	225.00	8	1,800.00
Environmental Scientist	84.38	40	3,375.20
Paraprofessional/Administrative	59.67	5	298.35
<b>Total</b>	n/a	n/a	<b>6,739.25</b>

**TASK 2 - Prepare response to Request for Additional Information (if needed)**

- Prepare a written response to request(s) for additional information from FDEP until they consider the application to be complete.
- Submit the draft for County and S2Li review.
- Discuss the County's and S2Li comments in a phone conference and/or e-mail and finalize agreed upon response to FDEP.
- Sign and seal the response and submit it to FDEP.
- Review the draft permit and public notice and provide comments to FDEP.

- This scope is completed once the final draft permit is issued for public notice.

**Cost Task 2**

<b>Labor Description</b>	<b>Hourly Rate (\$)</b>	<b>Hours</b>	<b>Total (\$)</b>
Senior Scientist/Principal	126.57	5	632.85
Professional Engineer	225.00	6	1,350.00
Environmental Scientist	84.38	10	843.80
Paraprofessional/Administrative	59.67	3	179.01
<b>Total</b>	n/a	n/a	<b>3,005.66</b>

**Other Considerations**

This quote assumes that the landfill has all documents up to date as required by the current Title V air permit and that this information is correct and accurate. If there are any new unpermitted sources that require an air construction permit, this will be addressed in a separate scope of work and price quote.

Please let me know if you have any questions regarding this quote.

Sincerely,  
Grove Scientific & Engineering Company

*Sara Greivell*

# Grove to S2Li Rate Budget for West Nassua County Landfill

**Task: Title V Permit Renewal due August 27, 2019**

Labor Description	Hourly Rate	Hours	Total
Senior Scientist/Principal	\$126.57	10	\$1,265.70
Senior Engineer/Professional Engineer	\$225.00	8	\$1,800.00
Professional Geologist	\$57.92		\$0.00
Environmental Scientist	\$84.38	40	\$3,375.20
Environmental Specialist	\$70.38		\$0.00
Paraprofessional/Administrative	\$59.67	5	\$298.35
Technician	\$35.10		\$0.00
<b>Total</b>			<b>\$6,739.25</b>

**Conditions:** Permit application is due August 27, 2019; this will be an electronic application under EPSAP  
We need all the information to complete this application no later than June 15, 2019  
We will submit the renewal to S2Li by July 15, 2019 for review  
Application will be submitted electronically by the due date

**Task: Title V Permit Renewal - RAI**

Labor Description	Hourly Rate	Hours	Total
Senior Scientist/Principal	\$126.57	5	\$632.85
Senior Engineer/Professional Engineer	\$225.00	6	\$1,350.00
Professional Geologist	\$57.92		\$0.00
Environmental Scientist	\$84.38	10	\$843.80
Environmental Specialist	\$70.38		\$0.00
Paraprofessional/Administrative	\$59.67	3	\$179.01
Technician	\$35.10		\$0.00
<b>Total</b>			<b>\$3,005.66</b>



## Attachment B

### Proposed Loaded Billing Rates for 2019/2020 for Services Provided by S2Li on Behalf of Nassau County

Contract Position	Hourly Rates
Project Director/Principal-in-Charge	\$250.00
Regional Manager/QC Officer	\$232.25
Principal Engineer	\$190.26
Senior Engineer	\$137.09
Project Engineer	\$ 97.92
Associate Engineer/CADD	\$ 74.21
Field Technician	\$ 52.38
Office Manager	\$ 76.24

1. Billing rate based on applying a 10% profit to S2Li's breakeven multiplier. Project Director was capped at \$250.00 per hour.
2. Rates include typical expenses such as reproduction, travel costs (except for field vehicle), lodging, and printing. Any other extraordinary direct expenses shall be negotiated on a case by case basis and will be identified in the Work proposal.
3. Subconsultant costs and parts purchased on the County's behalf will be billed as pass-through costs with no profit or markup added by S2Li in addition to actual costs.
4. Field vehicle (truck) will be billed at \$100/day.

## Fee Quotation Proposal

Re: Nassua County Bid #NC19-001

As requested, the following is our information regarding overhead multipliers and personnel hourly rates for projects with Nassua County; These are the determined rates for Grove Scientific & Engineering Company that is standard proposals for any and all government entities:

### RATE SCHEDULE

<u>LABOR</u>	<u>BILLABLE</u>
Senior Scientist/Principal	\$126.57
Senior Engineer/Professional Engineer	\$225.00
Professional Geologist	\$57.92
Environmental Scientist	\$84.38
Environmental Specialist	\$70.38
Paraprofessional	\$59.67
Technician	\$35.10

Rates include all direct costs.

Under penalty of perjury, I declare that I have read the foregoing and the facts stated in it are true. False statements may result in criminal prosecution for a felony of the third degree as provided for in Section 92.525(3), Florida Statutes.

Sara Greivell, CEO

Printed Name and Title

**Grove Scientific & Engineering Company**

Sara Greivell

Signature

4/4/2019

Date