

C15-15-209

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**WORK AUTHORIZATION # CM2096-WA14
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
RFQ/BID NO. NC13-033**

Consultant:	S2L, Incorporated
Contract Number:	CM2096
Contact Name:	Sam Levin, P.E.
Contact Number:	407-475-9163
Email:	Slevin@s2Li.com

CURRENT WORK AUTHORIZATION			
Project Short Title: Title V Construction Permit New Replacement Blower and Backup Generator			
		CONTRACT OVERVIEW	
		Total of Previous Authorizations	\$680,995.99
Date Submitted	07/11/2016	Adjustments/Change Orders	\$4,843.09
Amount	\$10,326.34	This Work Authorization	\$10,326.34
Scheduled Completion	150 days from NTP	Current Contract Total	\$696,165.42

This Work Authorization is to the AGREEMENT 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 16, 2014. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

S2Li and their Sub-consultant (The Colinas Group (TCG)) will prepare a draft air construction permit application using the FDEP’s Electronic Permit Submittal and Processing System (EPSAP) with attachments using data provided by Nassau County for one (1) newly installed emergency generator and one (1) newly installed landfill flare replacement blower. Submit the draft for County review and discuss the County’s comments in a telephone conference and incorporate the agreed upon changes into the EPSAP application then sign and seal the permit application and submit it to FDEP Tallahassee in accordance with the scope of services, attached hereto as Attachment “A”.

ARTICLE 2. Time Schedule

Work Authorization under the Scope of Services provided above is expected to be completed within 150 days. The S2Li Team will provide the County with a questionnaire form within seven (7) days of receipt of the written notice to proceed (NTP). A report will be prepared and submitted to the County in draft form within 30 days of receipt of the completed RICE-related questionnaire form from the County. The County will offer any comments on the report and the report will be finalized within a two-week period.

Assuming receipt of a written notice to proceed (NTP) and the RICE questionnaire is received in a timely manner, the S2Li Team will provide the County with a draft review copy of the application within 45 days from NTP. The County will offer any comments on the application to the S2Li Team within a two-week period from receipt of the draft application. Any comments received from the County will be addressed, the application finalized, then submitted

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OFFICE OF COUNTY CLERK
NASSAU COUNTY, FLORIDA

electronically to FDEP. After the application submittal, it is assumed it will take up to an additional 90 days for FDEP to issue the permits.

ARTICLE 3. Budget

The cost estimate to conduct the Work as described in the above listed Scope of Services is \$10,326.34. A detailed breakdown for each task in conjunction with the estimated labor hours and expenses is included in Exhibit I of Attachment "A". Costs will be on a time and material basis. The County will be notified when the overall project budget is nearing its limit.


Article 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the AGREEMENT 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 AGREEMENT when executed by both parties.

In presenting this Work Authorization, Consultant agrees that:

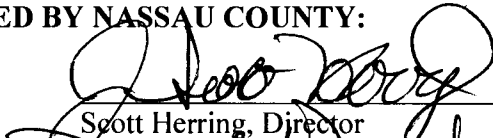
Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed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

AGREED TO BY: S2L, INCORPORATED


BY: 
Print Name: Samuel B. Levin
Title: President
Date: July 12, 2016

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Public Works Director:



Scott Herring, Director

Contract Management :


David J. Pensante, Procurement Manager

Office of Management & Budget:

5/7/20/16


Shanea Jones

County Manager


Ted Selby

APPROVED by the County Coordinator, designee for the BOARD OF COUNTY COMMISSIONERS, the _____ day of _____, 2016.

ACCOUNT NO.: 01362534-531000 \$10,326.34

FY16/17
2-7/20/16

Scope of Services

Preparation of a Title V Air Construction and Permit Modification Applications For a Replacement Blower and Backup Generator at the West Nassau Class I Landfill

County Contract Number: CM2096-WA14

S2Li Project Number: 16-673

The County has installed a new smaller capacity (800 cfm) blower at the flare station located at the West Nassau Class I Landfill (Landfill). Final approval for this blower installation is required from the Florida Department of Environmental Protection (FDEP) in Tallahassee. In addition, the County has replaced an existing old generator set with a new generator set at the Landfill. The installation of a new generator set or a new on-site Reciprocating Internal Combustion Engines (RICE) (emergency backup generator), is subject to Title 40, Part 63, Subpart ZZZZ (Rule) that establishes national emission limitations and operating limitations for hazardous air pollutants (HAPs). This Rule also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations. A new Title V construction permit and a modification to the existing Title V permit for the operations of the new equipment are both required as a result of these activities.

This Work Authorization will provide for the preparation and electronic submission of the Title V permit applications to FDEP for the new equipment at the Landfill. 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 – Prepare an Application for an Air Pollution Construction Permit

S2Li Team will perform the following:

- Prepare a draft air construction permit application using the FDEP's Electronic Permit Submittal and Processing System (EPSAP) with attachments using data provided by Nassau County for one (1) newly installed emergency generator and one (1) newly

installed landfill flare replacement blower.

- Submit the draft for County review.
- Discuss the County's comments in a telephone conference and incorporate the agreed upon changes into the EPSAP application.
- Sign and seal the permit application and submit it to FDEP Tallahassee.
- Respond to requests for additional information from FDEP until they consider the application to be complete.
- Review the draft permit and public notice and provide comments to FDEP.
- This task is considered complete once the final draft permit is issued for public notice.

Task 2 – Prepare an Application for a Title V Air Pollution Permit Revision

- Prepare a draft Title V permit application revision using EPSAP with attachments using data provided by Nassau County for one (1) newly installed emergency generator, one (1) newly installed landfill flare replacement blower, and for modifying Appendix AS for low production wells to include the additional wells approved by FDEP on June 22, 2016.
- Submit the draft for County review.
- Discuss the County's comments in a telephone conference and incorporate the agreed upon changes into the EPSAP application.
- Sign and seal the permit application and submit it to FDEP Tallahassee.
- Respond to requests for additional information from FDEP until they consider the application to be complete.
- Review the draft permit and public notice and provide comments to FDEP.
- This scope is considered complete once the final draft permit is issued for public notice.

County Responsibilities

In general, the County shall:

1. Complete a questionnaire prepared by the S2Li Team for the new RICE located at the West Nassau Landfill within a 7-day period and submit the filled out form(s) to the S2Li Team.
2. Payment for any application fees.
3. If there are any new unpermitted sources that require an air construction permit, this will be addressed in a separate scope of work.

Schedule

Work Authorization under the Scope of Services provided above is expected to be completed within 150 days. The S2Li Team will provide the County with a questionnaire form within seven (7) days of receipt of the written notice to proceed (NTP). A report will be prepared and submitted to the County in draft form within 30 days of receipt of the completed RICE-related questionnaire form from the County. The County will offer any comments on the report and the report will be finalized within a two-week period.

Assuming receipt of a written notice to proceed (NTP) and the RICE questionnaire is received in a timely manner, the S2Li Team will provide the County with a draft review copy of the application within 45 days from NTP. The County will offer any comments on the application to the S2Li Team within a two-week period from receipt of the draft application. Any comments received from the County will be addressed, the application finalized, then submitted electronically to FDEP. After the application submittal, it is assumed it will take up to an additional 90 days for FDEP to issue the permits.

Cost Estimate

The cost estimate to conduct the Work as described in the above listed Scope of Services is **\$10,326.34**. A detailed breakdown for each task in conjunction with the estimated labor hours and expenses is 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.

July 7, 2016

EXHIBIT 1

S2Li No. 16-673
 County No. CM2096-WA14

Total Project Costs
 S2Li Fee Estimate

Preparation of a
Title V Air Construction and Permit Modification Applications
 West Nassau Class I Landfill
 Nassau County, Florida

LABOR		LABOR CATEGORY AND RATE						TOTAL HOURS	SUBTOTAL LABOR
		Project Dir./ Principal \$225.00	Regional Manager/ QC Officer \$208.88	Principal Engineer \$171.38	Senior Engineer \$122.51	Associate Engineer \$47.47	CAD Technician \$47.47		
TASK	DESCRIPTION								
1	Prepare an Application for an Air Pollution Construction Permit	1	7	0	0	0	2	10	\$1,824.08
2	Prepare an Application for a Title V Air Pollution Permit Revision	1	6	0	0	0	2	9	\$1,615.20
SUBTOTALS:		2	13	0	0	0	4	19	\$3,439.28

EXPENSES		Field Vehicle (\$90/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	Landtec Web Data Base (\$500/m)	Grove Scientific (see attached)			SUBTOTAL EXPENSES
TASK	DESCRIPTION									
1	Prepare an Application for an Air Pollution Construction Permit	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,886.53			\$ 3,886.53
2	Prepare an Application for a Title V Air Pollution Permit Revision	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,000.54			\$ 3,000.54
SUBTOTALS:		\$ -	\$ -	\$ -	\$ -	\$ -	\$6,887.06	\$0	\$0	\$ 6,887.06

		COST SUMMARY				
		TASK	DESCRIPTION	SUBTOTAL S2LI LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
Estimated Fee By Landfill for County Accounting Purposes:						
West Nassau Class I Lined Landfill (42 acre area):	\$ 8,054.55					
West Nassau Unlined Landfill (11 acre area):	\$ 2,271.79	1	Prepare an Application for an Air Pollution Construction Permit	\$ 1,824.08	\$ 3,886.53	\$ 5,710.61
Total:	\$ 10,326.34	2	Prepare an Application for a Title V Air Pollution Permit Revision	\$ 1,615.20	\$ 3,000.54	\$ 4,615.74
		TOTALS		\$ 3,439.28	\$ 6,887.06	\$ 10,326.34

July 7, 2016

Attachment - GROVE Scientific Fee Estimate - Subconsultant

**Preparation of a
Title V Air Construction and Permit Modification Applications
West Nassau Class I Landfill
Nassau County, Florida**

S2Li No. 16-673

County No. CM2096

LABOR		LABOR CATEGORY AND RATE										TOTAL HOURS	SUBTOTAL LABOR	
		Sen. Scientist/ Principal \$126.57	Sen. Engineer/ PE \$225.00	Professional Geologist \$57.92	Environ. Scientist \$84.38	Environ. Specialist \$70.38	Technician \$35.10				Para. Professional \$59.67			
TASK	DESCRIPTION													
1	Prepare an Application for an Air Pollution Construction Permit	4	6	0	23	0	0					1.5	34.5	\$3,886.53
2	Prepare an Application for a Title V Air Pollution Permit Revision	4	6	0	12.5	0	0					1.5	24	\$3,000.54
	SUBTOTALS:	8	12	0	35.5	0	0					3	58.5	\$6,887.06

EXPENSES		Field Vehicle (\$90/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	Landtec Web Data Base (\$500/m)	Subcontractors (est.)						SUBTOTAL EXPENSES
TASK	DESCRIPTION												
1	Prepare an Application for an Air Pollution Construction Permit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Prepare an Application for a Title V Air Pollution Permit Revision	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	SUBTOTALS:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL												\$6,887.06	

append to CS15-209



Nassau County Engineering Services Department
96161 Nassau Place
Yulee, Florida 32097

J. Scott Herring, P.E.
Public Works Director

September 12, 2016

Sent via email:
slevin@s2li.com

Sam Levin, P.E.
President
S2L, Inc.
531 Versailles Drives, Suite 202
Maitland, Florida 32751-7301

Subject: Notice to Proceed
Title V Construction and Permit Modification Applications for Replacement
Blower and Backup Generator
Contract No. CM2096-WA14

Dear Mr. Levin,

This letter shall serve as the official Notice to Proceed for the Title V Construction and Permit Modification Applications for Replacement Blower and Backup Generator, Work Authorization No. 14. The effective date of the Notice to Proceed is hereby established as October 1, 2016.

All work must be conducted in accordance with the agreement referenced above.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Becky Hiers-Bray, P.E.
Engineer III

Cc: Scott Herring, Public Works Director
David Pensante, Contracts Manager
Omar Smith, S2Li

Phone (904) 530-6225

Fax (904) 491-3611