

CS-13-174

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CONTRACT MANAGEMENT

WORK AUTHORIZATION # CM2096-WA02
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
RFQ/BID NO. NC13-033

2014 MAY 12 AM 10: 54

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CONTRACT MANAGEMENT
2014 MAY 20 AM 10: 09

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

14 MAY 13 PM 3: 22

RECEIVED
COUNTY MANAGER'S
OFFICE

CURRENT WORK AUTHORIZATION			
Project Short Title: Preparation of a Title V Air Permit Renewal Application for the West Nassau Class I Landfill			
		CONTRACT OVERVIEW	
Date Submitted	05/02/14	Total of Previous Authorizations	\$101,250.04
Amount	\$20,399.06	This Work Authorization	\$20,399.06
Scheduled Completion	April 2015	Current Contract Total	\$121,649.10

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 will provide for the preparation and electronic submission of the Title V permit application to FDEP for the West Nassau Landfill, further described in the Scope of Services attached hereto as Attachment "A".

ARTICLE 2. Time Schedule

Work under this Work Authorization is expected to be completed by April 2015. See Schedule in Attachment "A" for detail of timeline.

ARTICLE 3. Budget

The cost estimate to conduct the Work as described in the Scope of Services is \$20,399.06. A detailed breakdown for each tasks with the estimated labor hours and expenses are included in the Exhibit 1 of Attachment "A".

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:

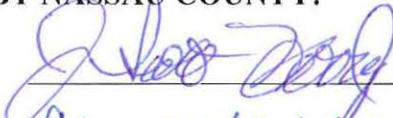
Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed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

AGREED TO BY:

BY: 
Print Name: Samuel B. Levin
Title: President
Date: May 6, 2014

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Director of Engineering Services:



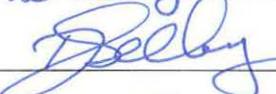
Contract Management:

Charlotte Young

Office of Management & Budget:



County Manager:

 5/19/14

APPROVED by the BOARD OF COUNTY COMMISSIONERS, the 19th day of May, 2014

ACCOUNT NO.: 70362534-531000
2/9/14

Scope of Services

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

County Contract Number: CM2096

S2Li Project Number: 14-548

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. 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.

Since the last application in 2009, the County submitted a solid waste permit application to the Florida Department of Environmental Protection (FDEP) (solid waste program) for the early closure of the landfill disposal cells of the Facility. The permit reduced the final permitted capacity of the lined portion of the landfill to approximately 3,920,000 cubic yards (2,997,100 cubic meters), and the unlined portion of the landfill of approximately 730,000 cubic yards (558,100 cubic meters). The final fill volume of the closed landfill is now 4,650,200 (3,555,300 cubic meters).

Also since the last application, new regulations are in force for the County's on-site Reciprocating Internal Combustion Engines (RICE) (emergency backup generators). These 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. In order to establish compliance to the Rule, the first step is to conduct an inventory of the equipment on-site which will assist to establish Rule applicability. Any future follow-up work, if required (not included in this Work Authorization), will address applicable requirements for the County to demonstrate compliance with the Rule.

The Facility's existing Title V permit expires on April 8, 2015 and the renewal application is required to be submitted to the FDEP by August 26, 2014. 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 application to FDEP for the West Nassau 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 – RICE Questionnaire and Inventory Form, Rule Applicability, and Report

As part of the permit application process, the S2Li Team will prepare a questionnaire for use by County personnel. This questionnaire is to be completed on all RICE located at the Title V facility (West Nassau Landfill property). The information obtained from the questionnaire will be used as the basis for compilation of an engine inventory. From this inventory, the S2Li Team will conduct a Rule applicability determination for each engine, and will prepare a written letter report including specific recommendations and any next-step requirements. The information will be added to the Title V permit application.

If required, the S2Li Team can assist the County in the implementation of any next-step recommendations, which may be addressed in a separate work authorization.

Task 2 – Preparation of the Title V Operating Permit Renewal Application

S2Li Team will prepare a 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. The S2Li Team will provide the final volume of the landfill which stopped accepting waste for disposal on October 1, 2009 and was closed a few years ago prior to reaching permitted capacity.

Task 3 – 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.

County Responsibilities

In general, the County shall:

1. Complete a questionnaire prepared by the S2Li Team for all RICEs located at the West Nassau Landfill within a 14 day period and submit the filled out form(s) to the S2Li Team.

2. Designate a County RO.
3. Register designated S2Li and Grove Scientific personal as agents for the County to allow for access to the electronic application system under EPSAP. S2Li Team can assist the County in the registration process.
4. Payment for any application fees.

Schedule

Work Authorization under the Scope of Services provided above is expected to be completed by April 2015. The S2Li Team will provide the County with a questionnaire form within 14 days of receipt of the written notice to proceed (NTP). The County will fill out the questionnaire for all RICE located at the West Nassau Landfill within a 14 day period. A report will be prepared and submitted to the County in draft form within 30 days of receipt of the completed questionnaire form(s) 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 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 by July 31, 2014. 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 August 26, 2014.

Cost Estimate

The cost estimate to conduct the Work as described in the above listed Scope of Services is **\$20,399.06**. 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.

May 2, 2014

EXHIBIT 1

S2Li No. 14-548

County No. CM2096

Total Project Costs
S2Li Fee Estimate

Preparation of a
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	Associate Engineer	CAD Technician	Office Manager		
TASK	DESCRIPTION	\$225.00	\$208.88	\$171.38	\$122.51	\$47.47	\$47.47	\$68.46		
1	Questionnaire & Inventory Form, Rule Applicability, Report	0	3	0	0	0	0	1	4	\$695.10
2	Preparation of the Title V Operating Permit Renewal Application	1	8	2	0	0	0	4	15	\$2,512.64
3	Response to Questions from FDEP	1	4	0	0	0	0	1	6	\$1,128.98
SUBTOTALS:		2	15	2	0	0	0	6	25	\$4,336.72

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	Questionnaire & Inventory Form, Rule Applicability, Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,499.46			\$ 2,499.46
2	Preparation of the Title V Operating Permit Renewal Application	\$ -	\$ -	\$ -	\$ -	\$ -	\$8,426.85			\$ 8,426.85
3	Response to Questions from FDEP	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,136.03			\$ 5,136.03
SUBTOTALS:		\$ -	\$ -	\$ -	\$ -	\$ -	\$16,062.34	\$0	\$0	\$ 16,062.34

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL S2Li LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
1	Questionnaire & Inventory Form, Rule Applicability, Report	\$ 695.10	\$ 2,499.46	\$ 3,194.56
2	Preparation of the Title V Operating Permit Renewal Application	\$ 2,512.64	\$ 8,426.85	\$ 10,939.49
3	Response to Questions from FDEP	\$ 1,128.98	\$ 5,136.03	\$ 6,265.01
TOTALS		\$ 4,336.72	\$ 16,062.34	<u>\$ 20,399.06</u>

May 2, 2014

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

S2LI No. 14-548
County No. CM2096

Attachment - GROVE Scientific Fee Estimate - Subconsultant

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	Questionnaire & Inventory Form, Rule Applicability, Report	5	0	0	20	0	0					3	28	\$2,499.46
2	Preparation of the Title V Operating Permit Renewal Application	10	8	0	60	0	0					5	83	\$8,426.85
3	Response to Questions from FDEP	8	8	0	24	0	0					5	45	\$5,136.03
	SUBTOTALS:	23	16	0	104	0	0					13	156	\$16,062.34

EXPENSES		Field Vehicle (\$90/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	Landtec Web Data Base (\$500/m)		Subcon- tractors (est.)						SUBTOTAL EXPENSES
TASK	DESCRIPTION													
1	Questionnaire & Inventory Form, Rule Applicability, Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
2	Preparation of the Title V Operating Permit Renewal Application	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
3	Response to Questions from FDEP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
	SUBTOTALS:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
TOTAL												\$16,062.34		