

**WORK AUTHORIZATION # CM2096-WA09
 NASSAU COUNTY
 BOARD OF COUNTY COMMISSIONERS
 RFQ/BID NO. NC13-033**

15 MAR 20 PM 2:57

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: Preparation of a 2015 Landfill Financial Assurance Report			
		CONTRACT OVERVIEW	
		Total of Previous Authorizations	\$446,244.85
Date Submitted	03/11/15	Adjustments/Change Orders	\$13,682.18
Amount	\$13,206.88	This Work Authorization	\$13,206.88
Scheduled Completion	09/01/15	Current Contract Total	\$473,133.91

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 prepare the annual financial assurance documentation for the County’s three landfills (West Nassau (two facilities), Bryceville, and Lofton Creek) for submittal to FDEP by September 1, 2015, in accordance with the scope of services, attached hereto as Attachment “A”.

ARTICLE 2. Time Schedule

S2Li shall begin upon receipt of the written notice to proceed, with the scheduling of the site visits under Task 1. The draft report for County review will be submitted such that corrections and finalization can be made to allow for final submittal to FDEP by September 1, 2015.

ARTICLE 3. Budget

The cost estimate to conduct the Work as described in the Scope of Services is \$13,206.88. A detailed breakdown for each tasks with the estimated labor hours and expense are included in the Exhibit 1 of Attachment “A”. Costs incurred will be invoiced on a time and material basis.

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

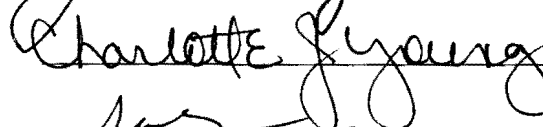
Date: March 12, 2015

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Director of Public Works:



Contract Management:

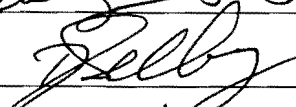


Office of Management & Budget:

2/23/15



County Manager:



APPROVED by the BOARD OF COUNTY COMMISSIONERS, the 27th day of March, 2015

ACCOUNT NO.:

- ✓ 70363534-531000 Lofton Creek
- ✓ 70364534-531000 Bryceville
- ✓ 70361534-531000 Old West Nassau
- ✓ 70362534-531000 New West Nassau

Scope of Services

**Preparation
of a
2015 Landfill Financial Assurance Report
Nassau County**

County Contract Number: CM2096-WA09

S2Li Project Number: 15-592

Every year, Nassau County (County) is required to update and submit to the Florida Department of Environmental Protection (FDEP or Department) an adjustment for the cost to maintain long-term care of its closed disposal facilities - West Nassau (two facilities), Bryceville, and Lofton Creek - and demonstrate financial assurance for the required maintenance activities. These updates are to reflect the requirements of Rule 62-701.630(4)(a), Florida Administrative Code (F.A.C.), which is the Financial Assurance section under the State Solid Waste Regulations. As specified in this rule, updated long-term care cost estimates are required to be submitted to the FDEP between July 1 and September 1 of each year.

For 2015, most services associated with the preparation of new cost estimates for the West Nassau Landfill facilities are being prepared under a separate Work Authorization as part of the West Nassau Landfill Long-Term Care Permit renewal. Some limited services associated with the West Nassau Landfill including facility inspections, escrow funding balances, and an estimate of long-term care carry over costs for Fiscal Year (FY) 2016 and beyond, are addressed within this scope. A copy of the new long-term care estimates for the West Nassau facilities will be included in the 2015 Financial Assurance report to FDEP.

S2L, Incorporated (S2Li) is pleased to submit this cost proposal for providing professional services to prepare the annual cost estimate adjustments and financial assurance documentation for the County's closed landfills. The following sections of this cost proposal include the scope of services to be provided, an estimated schedule, cost estimate, and terms and conditions.

SCOPE OF SERVICES

S2Li will prepare the annual financial assurance documentation for the County's three landfills (West Nassau (two facilities), Bryceville, and Lofton Creek) for submittal to FDEP by September 1, 2015 as discussed below:

West Nassau Landfills: Both landfill areas at West Nassau have been declared by FDEP to be in long-term care as of March 25, 2013. New long-term care cost estimates are being prepared for the West Nassau Landfill facilities under a separate Work Authorization as part of the West Nassau Landfill Long-Term Care Permit renewal. A copy of these new estimates will be included in this 2015 Financial Assurance report to FDEP.

Bryceville and Lofton Creek Landfills: Using the FDEP-provided inflation factor, S2Li will perform an inflationary adjustment for post-closure care each facility rather than preparing new long-term care cost estimates. S2Li will acknowledge in the report to FDEP the elimination of the gas monitoring, while indicating that the County has elected to leave funding for gas monitoring in their estimates. The approach above was prepared assuming that, during S2Li's annual inspections, no issues will be found that will affect the approved long-term care costs. An inflationary adjustment would be inappropriate should site inspection uncover necessary repairs that were not included within the prior (2014) estimate.

County Responsibilities:

- 1) County personnel are to accompany S2Li staff in order to provide access to each of the landfill sites, as well as, for safety purposes during the site inspections;
- 2) County staff will conduct and document required inspections and perform all reporting requirements for landfill post-closure care, as specified within the FDEP permits. The sole purpose of S2Li's inspections under this scope of services is for use in financial assurance reporting, and is not intended to serve as a substitute for County inspection and reporting as required by FDEP landfill permit specific conditions; and
- 3) County staff will provide the third party audited balances of the landfill escrow accounts for the period ending September 30, 2014.

The following sections detail the scope for each task, as proposed:

Task 1 – Facility Inspections

Facility inspections will be conducted so that the conditions of the landfills can be documented by a third party engineer, as required by FDEP. S2Li will prepare for and visit each landfill with a representative of the County and complete the landfill inspection forms for the County's use. The inspection forms will note any deficiencies that require correction by the County. This Task will be completed prior to preparing the new long-term care cost estimates for the West Nassau Landfill facilities. Note that the inspection of the West Nassau Landfill is included as a component of this scope of services.

Task 2 – Carry Over of Pro-Rated Expenses, FDEP Forms, Escrow Account Balance, and Report

2.1 Carry Over of Pro-Rated Expenses: Some expenses prepared in the previous long-term care estimates or the new estimates for the West Nassau Landfill were prorated and are required to be carried over and accumulated until needed or implemented. S2Li will prepare and adjust these carry over expenses, as part of this scope of services, by an inflation factor such that sufficient funds will be accumulated and will be available. A summary of the prorated costs required to be added to this year's long-term care estimates will be provided and can assist the County in its preparation of landfill operating budget estimates for FY2016.

2.2 FDEP Forms, Escrow County Balance Calculations and Report: FDEP Form 62-701.900(28) will be completed for the Bryceville and Lofton Creek Landfills, and compiled with copies of the forms for the West Nassau Landfills. For each of the four facilities, an estimate will be made of the amount of the required escrow balance as of September 30, 2016 and the amount required (if any) to be deposited into the escrow accounts. In addition, an estimate for long-term liability over the term of the long-term care period for each facility will be prepared based upon third party costs. No calculations or documentation for meeting GASB18 requirements are included in this scope of services. A draft report will be prepared that details the work performed, the rationale behind the calculations, and costing approach. The report will then be submitted to the County for review. Upon receipt of comments from the County, the report will be revised as necessary, signed and sealed by a registered Professional Engineer, and submitted to FDEP and the County.

SCHEDULE

Work Authorization under the Scope of Services provided above will begin upon receipt of the written notice to proceed, with the scheduling of the site visits under Task 1. The draft report for County review will be submitted such that corrections and finalization can be made to allow for final submittal to FDEP by September 1, 2015.

COST ESTIMATE

The cost estimate to conduct the Work as described in the above listed Scope of Services is **\$13,206.88**. 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.

The proposed budget by landfill is broken down as follows:

		S2Li Budget Summary Nassau County LF Financials					
		Total \$	Lofton Creek	Bryceville	West Nassau - 11 Acres	West Nassau - 42 Acres	
Task 1	Facility Inspections	\$ 3,061.24	\$ 1,010.21	\$ 1,010.21	\$ 520.41	\$ 520.41	
Task 2	Carry Over Expenses, FDEP Forms, Escrow						
	Balance & Report	\$ 10,145.64	\$ 3,246.60	\$ 3,246.60	\$ 1,826.22	\$ 1,826.22	
		\$ 13,206.88	\$ 4,256.81	\$ 4,256.81	\$ 2,346.63	\$ 2,346.63	

If it is determined that a new landfill long-term care cost estimate is needed to be prepared because of a change in unit costs and/or because new cost items are warranted, the preparation of the new estimate will be provided as an additional service. S2Li will notify the County if a new estimate is required to be prepared and will only proceed once a notice to proceed is provided by the County.

Total Project Costs

S2Li Fee Estimate

**Preparation of a
2015 Landfill Financial Assurance Report**

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	Facility Inspections	0	14	0	0	0	0	2	16	\$3,061.24
2	Carry Over of Pro-Rated Expenses, FDEP Forms, Escrow Balance and Report	4	40	2	0	0	0	8	54	\$10,145.64
SUBTOTALS:		4	54	2	0	0	0	10	70	\$13,206.88

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	Facility Inspections	\$ -	\$ -	\$ -		\$ -	\$0.00				\$ -
2	Carry Over of Pro-Rated Expenses, FDEP Forms, Escrow Balance and Report	\$ -	\$ -	\$ -		\$ -	\$0.00				\$ -
SUBTOTALS:		\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00	\$0	\$0	\$0	\$ -

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL S2Li LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
1	Facility Inspections	\$ 3,061.24	\$ -	\$ 3,061.24
2	Carry Over of Pro-Rated Expenses, FDEP Forms, Escrow Balance and Repo	\$ 10,145.64	\$ -	\$ 10,145.64
TOTALS		\$ 13,206.88	\$ -	\$ 13,206.88