

**WORK AUTHORIZATION # CM2685-WA11
 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**

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

CURRENT WORK AUTHORIZATION			
Project Short Title: Preparation of the 2020 Solid Waste Financial Assurance Report (West Nassau Landfill – Closed Lined 42-Acre and 11-Acre Areas)			
		CONTRACT OVERVIEW	
		Total of Previous Authorizations	\$536,836.89
Date Submitted	12/17/19	Adjustments/Change Orders	\$0
Amount	\$10,909.75	This Work Authorization	\$22,681.67
Scheduled Completion	09/30/20	Current Contract Total	\$559,518.56

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 professional services to inspect the two (2) West Nassau Landfills, prepare new costs estimates (inflationary adjustments are only permitted for the four years between each new cost estimate), and prepare the required financial assurance documentation for the closed solid waste disposal facilities to submit to FDEP, which are further described in Attachment “A”, attached hereto and incorporated herein. Services will be completed as tasks consisting of:

Task 1 – Facility Inspections

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

ARTICLE 2. Time Schedule

Services will begin upon receipt of the fully executed Work Authorization. S2Li will provide the County with a draft report for review in such a time that corrections and finalization can be made to allow for final submittal to FDEP by July 1, 2020.

ARTICLE 3. Budget

The cost estimate to perform the work as described in the Scope of Services is \$22,681.67. 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 invoiced on a time and materials basis. The County will be notified when the overall project budget is nearing its limit.

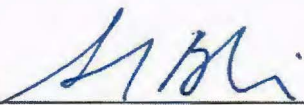
ARTICLE 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the 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:

BY: 
Print Name: Samuel B. Levin
Title: President
Date: December 19, 2019

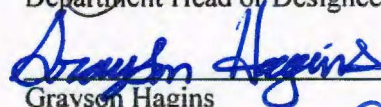
Account No.: 01361534-531000 \$5,216.78
01362534-531000 \$17,464.89

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

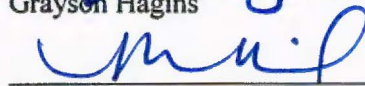
Public Works:


Department Head or Designee

Contract Management:


Grayson Hagins

Office of Management & Budget:


Megan Diehl

County Manager:



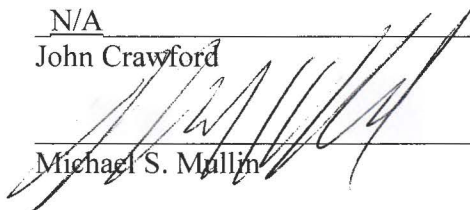
Michael S. Mullin

Ex-Officio Clerk:

N/A

John Crawford

County Attorney:



Michael S. Mullin

APPROVED by the County Manager, Designee for NASSAU COUNTY BOARD OF
COUNTY COMMISSIONERS, the 9th day of January, 2020.

Attachment "A"
Scope of Services

**Preparation
of the
2020 Solid Waste Financial Assurance Report
West Nassau Landfill - Closed Lined 42-Acre and 11-Acre Areas**

**Nassau County
S2L, Inc.'s Contract and Work Authorization Number: CM2685-WA11
S2L, Inc.'s Project Number: 19-870**

Every five years, Nassau County (County) is required to prepare new cost estimates and submit to the Florida Department of Environmental Protection (FDEP or Department) third party costs to maintain long-term care of its closed solid waste disposal facilities. This Work Authorization (WA) allows S2Li to prepare the financial assurance documentation for the two County landfill facilities (42-acre lined area and 11-acre area) at the West Nassau Landfill, for submittal to FDEP.

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. Since the County will be submitting other reports being prepared under another Work Authorization by July 1, 2020, this Financial Assurance report is planned to be submitted at the same time.

S2L, Incorporated (S2Li) is pleased to submit this cost proposal for providing professional services to inspect the two West Nassau Landfills, prepare new cost estimates (inflationary adjustments are only permitted for the four years between each new cost estimate), and prepare the required financial assurance documentation for the closed solid waste disposal facilities to submit to FDEP. 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 estimate third party costs for post-closure care for the two West Nassau Landfills. This approach assumes that during S2Li's annual inspections, no issues are found that will significantly affect the approved long-term care costs.

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 closed landfill site 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, 2019.

The following details the scope for each task, as proposed:

Task 1: Facility Inspections

Facility inspections will be conducted by S2Li's Regional Manager so that the conditions of the two West Nassau 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. Note: only the two West Nassau Landfills will be inspected as part of this task.

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

2.1 Carry Over of Pro-Rated Expenses and Fiscal Year FY2021 Budget Estimates:

Some expenses prepared in the previous long-term care estimates were prorated and are required to be carried over and accumulated until needed or implemented. S2Li will prepare new third part costs and adjust these carry-over expenses, as part of this scope of services, such that sufficient funds will be accumulated and will be available when needed. 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 FY2021 (FY20/21).

2.2 FDEP Forms, Escrow County Balance Calculations and Report:

The new cost estimate will utilize FDEP Form 62-701.900(28) and will be completed for each West Nassau facility. An estimate will be made of the amount of the required escrow balance as of September 30, 2020, 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 the cost 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 under the Scope of Services provided above will begin upon receipt of the signed Work Authorization. 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 July 1, 2020.

ENGINEERING SERVICES FEE ESTIMATE

The fee estimate to conduct the Work as described in the above-listed Scope of Services is **\$22,681.67**. 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 - 2020				
		Total \$	West Nassau - 42 Acres	West Nassau - 11 Acres
Task 1	Facility Inspections	\$ 2,395.21	\$ 1,844.31	\$ 550.90
Task 2.1	Carry Over Expenses & FY18/19 Budget Estimates	\$ 3,162.22	\$ 2,434.91	\$ 727.31
Task 2.2	FDEP Forms, Escrow Balance & Report	\$17,124.24	\$ 13,185.66	\$ 3,938.58
		\$22,681.67	\$ 17,464.89	\$ 5,216.78

December 17, 2019

EXHIBIT 1

S2Li No. 19-870
 County No. CM2685-WA11

Total Project Costs
 S2Li Fee Estimate

**Preparation of the
 2020 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	Project Engineer	Associate Engineer/CADD	Field Technician			Office Manager
TASK	DESCRIPTION	\$250.00	\$232.25	\$190.26	\$137.09	\$97.92	\$74.21	\$52.38	\$76.24		
1	Facility Inspections	0	9	0	0	0	0	0	4	13	\$2,395.21
2.1	Carry Over of Pro-Rated Expenses & Budget Estimates	0	6	0	0	12	8	0	0	26	\$3,162.22
2.2	FDEP Forms, Escrow Balance and Report	4	24	0	8	60	40	0	8	144	\$17,124.24
	SUBTOTALS:	4	39	0	8	72	48	0	12	183	\$22,681.67

EXPENSES		Field Vehicle (\$100/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)						SUBTOTAL EXPENSES
TASK	DESCRIPTION										
1	Facility Inspections	\$ -	\$ -	\$ -			\$ -	\$0.00			\$ -
2.1	Carry Over of Pro-Rated Expenses & Budget Estimates	\$ -	\$ -	\$ -			\$ -	\$0.00			\$ -
2.2	FDEP Forms, Escrow Balance and Report										
	SUBTOTALS:	\$ -	\$ -	\$ -	\$ -		\$ -	\$0.00	\$0	\$0	\$ -

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL S2Li LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
1	Facility Inspections	\$ 2,395.21	\$ -	\$ 2,395.21
2.1	Carry Over of Pro-Rated Expenses & Budget Estimates	\$ 3,162.22	\$ -	\$ 3,162.22
2.2	FDEP Forms, Escrow Balance and Report	\$ 17,124.24	\$ -	\$ 17,124.24
TOTALS		\$ 22,681.67	\$ -	<u>\$ 22,681.67</u>

01362534-531000 - \$17,464.89
01361534-531000 - \$5,216.78
\$22,681.67

Currently Budget \$18,000.00
\$5000.00
\$23,000 will