

WORK AUTHORIZATION # CM2685-WA21
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 2021 Solid Waste Financial Assurance Report			
		CONTRACT OVERVIEW	
		Total of Previous Authorizations	\$952,076.03
Date Submitted	03/02/2021	Adjustments/Change Orders	\$0
Amount	\$11,268.72	This Work Authorization	\$11,268.72
Scheduled Completion	09/30/2021	Current Contract Total	\$963,344.75

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 July 26, 2019. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

This Work Authorization provides for the services required to prepare and submit the annual financial assurance documentation for the two County landfill facilities (42-acre lined area and 11-acre area) at the West Nassau Landfill to FDEP. Under the scope of services for this Work Authorization, S2L, Incorporated (S2Li) will perform the tasks set forth in the Scope of Services, a copy of which is attached hereto and incorporated herein as Attachment "A".

ARTICLE 2. Time Schedule

The total expected time period for this work authorization is approximately 210 days from the date of execution of this Work Authorization with the report being submitted to FDEP by September 1, 2021.

ARTICLE 3. Budget

The cost estimate to perform the work as described in Attachment "A" is \$11,268.72. A detailed breakdown for each task in conjunction with the estimated labor hours, contract labor rates, and expenses are attached as Exhibit 1. Costs incurred will be invoiced 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 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: Omar E. Smith, P.E., V.P.
Print Name: Omar E. Smith, P.E., V.P.
Title: Regional Manager
Date: 3/4/2021

Account No.: 01362534-531000 - \$8,676.91
01361534-531000 - \$2,591.81

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Public Works: Sony Podiat 3/3/2021
Department Head or Designee

Procurement: [Signature] 3/3/2021
Brian Simmons

Office of Management & Budget: Megan Diehl 3/4/2021
Megan Diehl

County Manager: Taco E. Pope, AICP 3/4/2021
Taco E. Pope, AICP

Ex-Officio Clerk: N/A
John Crawford

County Attorney/Contract Management: Michael S. Mullin 3/4/2021
Michael S. Mullin

APPROVED by the BOARD OF COUNTY COMMISSIONERS, or its designee, this 4th day of March, 2021.

**BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA**

N/A

Thomas R. Ford, Chairman

Attachment "A"
Scope of Services

**Preparation
of the
2021 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-WA21
S2Li Project Number: 21-923

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 solid waste disposal facilities. This Work Authorization (WA) allows S2Li to prepare the annual 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 by September 1, 2021.

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.

S2L, Incorporated (S2Li) is pleased to submit this cost proposal for providing professional services to inspect the two West Nassau Landfills, prepare the annual cost estimate adjustments, 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

Using the FDEP-provided inflation factor, S2Li will perform an inflationary adjustment for post-closure care for the two West Nassau Landfills rather than preparing new long-term care cost estimates. This approach assumes that during S2Li's annual inspections, no issues are found that will significantly 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 estimates.

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, 2020.

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

Task 1: Facility Inspections

Facility inspections will be conducted 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: FDEP Forms, Escrow Account Balance, and Report

FDEP Form 62-701.900(28) will be completed for each facility. An estimate will be made of the amount of the required escrow balance as of September 30, 2021, 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 September 1, 2021. Total time for this Work Authorization is 210 days or ending by September 30, 2021.

ENGINEERING SERVICES FEE ESTIMATE

The fee estimate to conduct the Work as described in the above-listed Scope of Services is **\$11,268.72**. 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 - 2021		
		Total \$	West Nassau - 42 Acres	West Nassau - 11 Acres
Task 1	Facility Inspections	\$ 2,726.56	\$ 2,099.45	\$ 627.11
Task 2	FDEP Forms, Escrow Balance & Report	\$ 8,542.16	\$ 6,577.46	\$ 1,964.70
		\$11,268.72	\$ 8,676.91	\$ 2,591.81

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.

February 26, 2021

EXHIBIT 1

S2Li No. 21-923
County No. CM2685-WA21

Total Project Costs
S2Li Fee Estimate

**Preparation of the
2021 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	\$282.25	\$190.26	\$137.09	\$97.92	\$74.21	\$52.38	\$76.24		
1	Facility Inspections	0	4	0	12	0	0	0	2	18	\$2,726.56
2	FDEP Forms, Escrow Balance and Report	3	12	0	20	20	0	0	4	59	\$8,542.16
	SUBTOTALS:	3	16	0	32	20	0	0	6	77	\$11,268.72

EXPENSES		Field Vehicle (\$100/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)						SUBTOTAL EXPENSES
TASK	DESCRIPTION										
1	Facility Inspections	\$ -	\$ -	\$ -			\$ -	\$0.00			\$ -
2	FDEP Forms, Escrow Balance and Report										
	SUBTOTALS:	\$ -	\$ -	\$ -	\$ -		\$ -	\$0.00	\$0	\$0	\$ -

COST SUMMARY				
TASK	DESCRIPTION	S2LI LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
1	Facility Inspections	\$ 2,726.56	\$ -	\$ 2,726.56
2	FDEP Forms, Escrow Balance and Report	\$ 8,542.16	\$ -	\$ 8,542.16
TOTALS		\$ 2,726.56	\$ -	\$ 11,268.72

01362534-531000 - \$ 8,676.91
01361534-531000 - \$ 2,591.81