CM2685-WA40

CS-22-284

WORK AUTHORIZATION # 40 NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

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

		KAUTHORIZATION		
Project Short Title:	Installation of New PLC,	Digital Recorder, Wireless Teleme		
		CONTRACT OVERVIEW		
Date Submitted	6/14/23	Total of Previous Authorizations	\$1,795,548.49	
Amount	\$72,570.62	This Work Authorization	\$72.570.62	
Scheduled Completion	90 days from NTP	New Contract Amount including this work authorization	\$1,868,119.11	

This Work Authorization is to the AGREEMENT between Nassau County and S2L, Incorporated ("Vendor") for 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:

The County is requesting that the programable logic controller (PLC) be replaced, the chart recorder be replaced with a digital recorder, and a wireless, cloud-based telemetry system be implemented that provides for remote monitoring of real-time and recorded information at the County's offices. Under the scope of work for this Work Authorization, S2L, Incorporated (S2Li) and its Contractor (Sullivan Environmental) shall provide, install, and test the new PLC, digital recorder, and wireless telemetry system. The work described to conduct this report is attached hereto as **Exhibit "A"**.

ARTICLE 2. Time Schedule

Vendor anticipates work under the Scope of Services provided to be completed no later than 90 days from written notice to proceed.

ARTICLE 3. Budget

Vendor will perform the services outlined herein for the lump sum amount of \$72,570.62. Vendor's fee amounts are detailed further in **Exhibit "B"** Vendor will be using rates previously established under Contract CM2685.

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.

Any Work Authorization entered into prior to expiration or termination set forth in the AGREEMENT shall continue in effect through the earlier of: (i) the date all of the Services thereunder have been fully completed and accepted by Nassau County, or (ii) until such time as such Work Authorization expires or is terminated in accordance with its terms or is terminated pursuant to Article 2 hereof.

In presenting this Work Authorization, Vendor agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Vendor. 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: Sam	levin	
Print Name:	Sam Levin	
Title:	President	the second
Date: 7/17/	2023	

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Department Head/Managing Agent:	Doug Podiak	7/13/2023
Procurement:	Farmers Almoss	7/17/2023
Office of Management & Budget:	cluris Lacambra	7/13/2023
County Manager:	Taxo E. Popey AICP	7/20/2023
county manager.	Taco E. Pope, AICP	
Ex-Officio Clerk:	* See Page 3	
	John A. Crawford	

Revised 11/17/2022

CM2685-WA40

County Attorney:

Denise C. May

7/20/2023

Abigail Jorandby

APPROVED by the BOARD OF COUNTY COMMISSIONERS, this 14th day of August , 2023.

BOARD OF COUNTY COMMISSIONERS NASSAU COUNTY, FLORIDA

Klynt A. Farmer Chairman

ACCOUNT NO.: 01361534-531000 \$ 1,428.88 01362534-531000 \$71,141.74

ATTESTATION: Phily to Authenticity as to Chairman's Signature: John A. Crawford, Ex-Officio Clerk

Exhibit "A"

Scope of Services

Installation of New PLC, Digital Recorder, and Wireless Telemetry Equipment West Nassau Landfill Flare Station

County Contract and Work Authorization Number: CM2685-WA40 S2Li Project Number: 23-1015

Nassau County (County) owns, operates, and maintains a landfill gas collection and control system (LFGCCS) at its West Nassau Landfill to meet federal and state regulations. The LFGCCS includes a flare station. The flare station has controls and recording equipment that has developed periodic faults due to its age and impacts from past storm events at the Site. The County is requesting that the programable logic controller (PLC) be replaced, the chart recorder be replaced with a digital recorder, and a wireless, cloud-based telemetry system be implemented that provides for remote monitoring of real-time and recorded information at the County's offices.

Under the scope of work for this Work Authorization, S2L, Incorporated (S2Li) and its Contractor (Sullivan Environmental) shall provide, install, and test the new PLC, digital recorder, and wireless telemetry system as further detailed in the following:

Scope of Services

Task 1 – Equipment Removal and Replacement and Operations Testing

S2Li will:

- Have its contractor supply a new PLC, digital recorder, and wireless telemetry system.
- Provide the PLC from the original equipment manufacturer (APTIM formally known as LFG Specialties), a digital recorder from Yokogawa, and a wireless telemetry system and cloud access/storage from SignalFire.
- Notify the Florida Department of Environmental Protection (FDEP) of the pending shutdown of the flare station for repairs.
- Have the Contractor disconnect the equipment.
- Have the Contractor install the new PLC including re-connecting existing sensors and controls and checking connections and controls, install the new recorder and checking its operations, and installation of the telemetry system working with the County's IT Department on gaining access to the data from the County's office computers.
- Notify FDEP of the startup of the flare station once repairs are completed.

Schedule

Work under the Scope of Services provided above is expected to be completed within 90 days from written notice to proceed.

Due to continuing supply chain shortages brought on by the pandemic, workforce shortages and other challenges are out of S2Li's control, therefore, the schedule outlined herein is being provided for reference only. The schedule proposed herein is based on long lead deliveries from our vendors at the time that this Work Authorization request was prepared. However, new challenges are brought on weekly, if not daily. S2Li understands the importance of meeting schedules and will do its best to hold true to these schedules. Should a supply issue occur, S2Li will diligently communicate the issue to the County and will work to find and offer alternatives to meet the needs of the project and enable the project to progress forward.

Cost Estimate

The estimated cost to conduct the Work as described in the above-listed Scope of Services is not to exceed **\$72,570.62**. A detailed breakdown of the estimated labor hours and expenses is included in the attached Exhibit 1, but actual labor hours, labor categories, and type of expenses used may vary. Fees for services shall be invoiced on a time and material basis according to the hourly labor rates and schedule of reimbursable expenses identified in Contract No. CM2685 as amended. The County will be notified when the overall project budget is nearing its limit.

Work Authorization Assumptions

- County IT Department will install SignalFire's software on the County's solid waste office computers and allow access to the cloud-based system for County solid waste staff to monitor the flare station operations and download reports at their office location. This needs to be installed prior to or concurrent with the time S2Li's contractor is on-site installing and testing the telemetry equipment.
- Additional rental equipment, supplier/fabricator price change, sales taxes, services from APTIM, and any
 other additional costs that could occur during the Work will be deducted from the Contingency amount
 provided in Exhibit 1 Cost Estimate.
- Should S2Li personnel need to be mobilized to the Site for any additional testing and inspection(s), these services will be provided under its County Contract Number: CM2685-WA30 Operation, Monitoring, Maintenance, and Reporting of the West Nassau Landfill - LFGCCS.
- The Flare system will be shut down periodically during installation. However, attempts will be made to place the flare into operation at the end of each day.
- The existing chart recorder will not be removed to allow it to be used as an emergency equipment backup.
- The cloud-based system is free for the first year, however, any wireless cell costs and future cloud-based access and storage costs will need to be paid by the County or shall be provided in future S2Li Work Authorizations.

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June 7, 2023 Total Project Costs

S2Li Fee Estimate

 EXHIBIT B
 S2LI No.

 EXHIBIT 1 Cost Estimate referenced in EXHIBIT A
 County No.

CM2685-WA40

23-1015

Installation of New PLC, Digital Recorder, and Wireless Telemetry Equipment West Nassau Landfill Flare Station

Nassau County, Florida

					LABOR CATE	LABOR CATEGORY AND RATE	RATE			
LABOR		Project Dir./ Principel	Regional Manager/ QC Officer	Principal Engineer	Senior Engineer	Project Engineer	Associate Engr./ CADD	Office Manager	TOTAL HOURS	LABOR
TASK	DESCRIPTION	\$250.00	\$232.25	\$190.26	\$137.09	\$97.92	\$74.21	\$76.24		
-	Equipment Removal and Replacement and Operations Testing	8	40	•	16	16	0	4	84	\$15,355.12
	SUBTOTALS:	80	40	0	16	16	o	4	84	\$ 15,355.12
EXPENSES	SES	Field Vehicle (\$110/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	Contingecy (est.)	Contractor (Suilitvan Environmental)			SUBTOTAL
TASK	DESCRIPTION						(est.)			
-	Equipment Removal and Replacement and Operations Testing	- \$	- \$	- S		\$ 15,000.00 \$	\$ 42,215.50			\$ 57,215.50
	SUBTOTALS:	- \$	•	\$	\$	\$ 15,000.00 \$	\$ 42,215.50 \$	•	ج	\$ 57,215.50
						COST SI	COST SI IMMARY			

L				
		SUBTOTAL		
DESCRIPTION	ION	SZU LABOR	EXPENSES	TASK TOTAL
lipment	Equipment Removal and Replacement and Operations Testing	\$ 15,355.12	\$ 57,215.50	\$ 15,355.12 \$ 57,215.50 \$ 72,570.62
		\$ 15,355.12	\$ 57,215.50	\$ 15,355.12 \$ 57,215.50 \$ 72,570.62

CM2685-WA40



SULLIVAN	
ENVIRONMENTAL	

Date	Estimate #
7/12/2023	908

4448 13th LN NE St. Petersburg, FL 33703

Name / Address

S2L, Incorporated 531 Versailles Drive, Suite 202 Maitland, Florida 32751

Description	Qty	Unit Cost	Total
West Nassau County Landfill, Callahan, FL	1	42,215.50	42,215.50
Supply and install a new PLC, Yokogawa chart recorder and signalfire wireless telemetry.			
Actual time and materials (+15%) will be invoiced.			
Estimate does not include rental of any equipment.			
If additional materials are required for installation they will be billed at cost plus 15%.			
		Total	\$42,215.50

ADDEF

CM2685-WA40



Requisition Form

NASSAU COUNTY **BOARD OF COUNTY COMMISSIONERS** 96135 Nassau Place Suite 1

Yulee, FL 32097

DEPARTMENT Solid Waste

ROUTSTEDH

S2Li 531 Versaillies Drive Suite 202 Maitland, FI 32751-7301

VENDOR NAME/

ENDOR NUMBER	PROJECT NAME FUNDING SOURCE		CELEBRA DE LE COMPANY	हर लोग	WINDOWNER WINER	cky Diden
	See Breaksown			Encur	nber Contract	CM-2685
MIND.	ELECTRON I	QUANTI	UNIT PRICE	AMOUNT		
	Installation of New PLC, Digital Recorder, and	1.00	\$ 71,141.74	\$ 71,141.74	01362534-531	000
	Wireless Telemetry Equipment West Nassau LF	1.00	\$ 1,428.88	\$ 1,428.88	01361534-531	000
				\$ 0.00		
	WA40			\$ 0.00		
				\$ 0.00		
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	/ Kacy Parte 7/13/2023			\$ 0.00		
UGINAL - H		1 1		Shippin Total		\$ 0.00 2,570.62

Department Head

I attest that, to the best of my knowledge, this requisition reflects accurate information, has been reviewed, budgeted for and follows the Nassau County Parchasing Policy.

7/13/2023

Office of Management and Budget (signature required if over Department Head signature authority or \$5,000, whichever is less.) I guest that, to the best of my knowledge, funds are available for payment 3/2023

Procurement Director (signature required if over Department Head signature authority or \$5,000, whichever is less.) I attest that, to the best of my knowledge, this requisition is accurate and necessary and is consistent with the Nassau County Purchasing Policy. 7/17/2023

County Manager (signature required if over Department Head signature authority or \$5,000, whichever is less.)

I attest that, to the best of my knowledge, the appropriate staff have reviewed and approved this Requisition and no other conditions would prevent approval. Take E. Popel AICP 7/20/2023

Unk Finance receiv Clerk: ______ 7/20123

ACORD	CERTIFICATE OF LIABILITY INSURANCE	DATE (MM/DD/YYYY) CM2685-WA40 12/16/2022
THIS CERTIFICATE	S ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON T	HE CERTIFICATE HOLDER. THIS
	NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE	
BELOW. THIS CER	TIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISS	UING INSURER(S), AUTHORIZED
REPRESENTATIVE C	R PRODUCER, AND THE CERTIFICATE HOLDER.	
IMPORTANT: If the	certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INS	URED provisions or be endorsed.

If SUBROGATION IS WAIVED, subject to the terms and condition this certificate does not confer rights to the certificate holder in lie			rsement. A st	atement on		
PRODUCER		CONTACT NAME: Lidia Santiuste				
Marsh & McLennan Agency LLC 2405 Lucien Way		PHONE (A/C, No, Ext): 305-591-0090 FAX (A/C, N		, No): 212-948-5698		
Suite 275		E-MAIL ADDRESS: lidia.santiuste@marshmma.com				
Maitland FL 32751		INSURER(S) AFFORDING COVERAGE		NAIC #		
		INSURER A : Continental Casualty Company		20443		
INSURED	S2LINC	INSURER B : Transportation Insurance Company		20494		
S2L Inc 531 Versailles Drive		INSURER C : Evanston Insurance Company		35378		
Suite 202		INSURER D : National Fire Insurance Co of Hartford	20478			

Suite 202 Maitland FL 32751	

COVERAGES CERTIFICATE NUMBER: 1713044402

	THIS IS TO CERTIFY THAT	T THE POLICIES OF INSURANCE LIS	TED BELOW HAVE BEEN ISSUED T	TO THE INSURED NAMED ABOVE FOR THE POLICY PERIC	DC
	INDICATED. NOTWITHSTA	ANDING ANY REQUIREMENT, TERM	OR CONDITION OF ANY CONTRAC	CT OR OTHER DOCUMENT WITH RESPECT TO WHICH TH	lIS
	CERTIFICATE MAY BE ISS	SUED OR MAY PERTAIN, THE INSUR	RANCE AFFORDED BY THE POLICI	IES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERM	1S,
	EXCLUSIONS AND CONDIT	TIONS OF SUCH POLICIES. LIMITS SHO	OWN MAY HAVE BEEN REDUCED BY	Y PAID CLAIMS.	
-					

INSURER E : INSURER F :

REVISION NUMBER:

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NSR		TYPE OF INSURANCE		SUBR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	S
Α	X	COMMERCIAL GENERAL LIABILITY	Y	Y	2075876503	1/1/2023	1/1/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000 \$ 1,000,000
				1				MED EXP (Any one person)	\$ 10 <u>,</u> 000
								PERSONAL & ADV INJURY	\$ 1,000,000
	GEN	LAGGREGATE LIMIT APPLIES PER:				1		GENERAL AGGREGATE	\$ 2,000,000
	X	POLICY PRO- JECT LOC						PRODUCTS - COMP/OP AGG	\$ 2,000,000
		OTHER:							\$
5	AUT	OMOBILE LIABILITY	Y	Y	2075880437	1/1/2023	1/1/2024	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	Х	ANY AUTO		1				BODILY INJURY (Per person)	\$
		OWNED SCHEDULED AUTOS						BODILY INJURY (Per accident)	\$
	Х	HIRED X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	\$
									\$
1	Х	UMBRELLA LIAB X OCCUR		1	2095585866	1/1/2023	1/1/2024	EACH OCCURRENCE	\$ 2,000,000
		EXCESS LIAB CLAIMS-MADE						AGGREGATE	\$ 2,000,000
		DED X RETENTION \$ 10 000		1					\$
3		KERS COMPENSATION		Y	WC275880387	1/1/2023	1/1/2024	X PER OTH- STATUTE ER	
	ANY		N/A					E.L. EACH ACCIDENT	\$ 1,000,000
	(Man	datory in NH)						E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
	If yes	, describe under CRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
0		essional Liability			MKLV2ENV103204	1/1/2023	1/1/2024	Ea Claim / Agg Deductible	\$2,000,000 \$10,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Continuing Contract for Professional Engineering Services (Contract No. CM2096). Solid Waste Landfills and Other Related Ancillary Facilities for Nassau County, Florida. Certificate holder, as Designated Organization, is an Additional Insured as respects General Liability and Automobile Liability. Umbrella follows form to the underlying policies as respects to Additional Insureds. Waiver of Subrogation as respects General Liability, Auto and Workers Compensation in favor of Additional Insured. 30 Day notice of Cancellation (10 days for non-payment) in favor of Additional Insured as respects General Liability. All of the above applies when required by written contract subject to the terms, conditions and exclusions of the policy.

CERTIFICATE HOLDER	CANCELLATION
Nassau County Board of County Commisioners 96135 Nassau Place	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
Suite 6 Yulee FL 32097	

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