

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

CURRENT WORK AUTHORIZATION			
Project Short Title: Installation of New PLC, Digital Recorder, Wireless Telemetry Equipment			
		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
Date: 7/17/2023

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Department Head/Managing Agent: Doug Podiak 7/13/2023

Procurement: Annex Adams 7/17/2023

~~Office~~ Office of Management & Budget: Chris Lacambra 7/13/2023

County Manager: Taco E. Pope, AICP 7/20/2023
Taco E. Pope, AICP

Ex-Officio Clerk: * See Page 3
John A. Crawford

County Attorney: Denise C. May 7/20/2023
Abigail Jorandby 7/20/2023

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

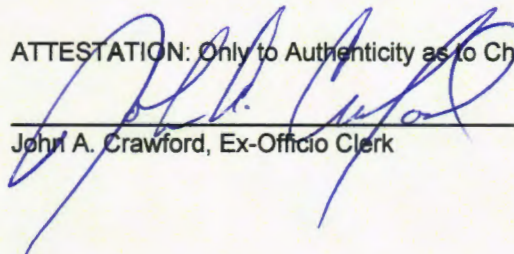
BOARD OF COUNTY COMMISSIONERS
 NASSAU COUNTY, FLORIDA



Klynt A. Farmer
 Chairman

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

ATTESTATION: Only 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 programmable 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.

CM2685-WA40

Estimate



4448 13th LN NE
St. Petersburg, FL 33703

Date	Estimate #
7/12/2023	908

Name / Address

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

Description	Qty	Unit Cost	Total
West Nassau County Landfill, Callahan, FL 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%.	1	42,215.50	42,215.50
		Total	\$42,215.50

Customer Signature _____

6/14/2023

Requisition Form

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

96135 Nassau Place Suite 1 Yulee, FL 32097

VENDOR NAME/ADDRESS S2Li 531 Versailles Drive Suite 202 Maitland, FL 32751-7301

DEPARTMENT Solid Waste

REQUESTED BY Becky Diden

Table with columns: VENDOR NUMBER, PROJECT NAME, FUNDING SOURCE, AMOUNT AVAILABLE, STANDARD TO BE ENCUMBERED ONLY, CONTRACT NO., ITEM NO., DESCRIPTION, QUANTITY, UNIT PRICE, AMOUNT. Includes items for PLC, Digital Recorder, and Wireless Telemetry Equipment.

ORIGINAL - FINANCE COPY - DEPARTMENT

Shipping \$ 0.00 Total \$ 72,570.62

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 Purchasing Policy.

Signature: Doug Podiak Date: 7/13/2023

Office of Management and Budget (signature required if over Department Head signature authority or \$5,000, whichever is less.)

I attest that, to the best of my knowledge, funds are available for payment. Signature: Chris Lacambra Date: 7/13/2023

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. Signature: Tanee Almonte Date: 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. Signature: Tao E. Pope AICP Date: 7/20/2023

Clerk Finance main Clerk: 7/20/2023

