WORK AUTHORIZATION # CM2685-WA06 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: FDEP Semi-Annual Water Quality Monitoring Services for the West Nassau and Lofton Creek Closed Landfills

		CONTRACT OVERVIEW					
	Total of Previous Authorizations	\$268,221.90					
Date Submitted	7/26/19	Adjustments/Change Orders	\$0				
Amount	\$56,071.62	This Work Authorization	\$56,071.62				
Scheduled Completion	09/30/2020	Current Contract Total	\$324,293.52				

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:

S2Li and The Colinas Group will provide sampling, testing, and reporting services for the West Nassau and Lofton Creek Landfills which are further described in Attachment "A", attached hereto and incorporated herein. Services will be completed as tasks consisting of:

ARTICLE 2. Time Schedule

Services will begin October 1, 2019 and run through this service period ending September 30, 2020.

RCVD ONB

ARTICLE 3. Budget

A detailed breakdown of costs for completion of semi-annual water quality monitoring activities at both landfills in provided on the attached Cost Summary Sheet. Annual costs for field sampling, laboratory analyses and report preparation for submittal to FDEP in accordance with landfill closure permit requirements are provided in the attached proposal.

Costs for groundwater analyses include the addition of tests for Boron and Hydrogen Sulfide at specific monitoring wells at the West Nassau and Lofton Creek landfills to meet anticipated upcoming FDEP rule revisions for monitoring at unlined Class I landfills. S2Li Project Team will include both parameters for sampling in the first semi-annual monitoring event following the date of final and official rule revision by the FDEP. Laboratory analysis costs event following the date of final and official rule revision by the FDEP. Laboratory analysis costs (\$40/sample) for Boron and Hydrogen Sulfide together are included in the Cost Summary Sheet.

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:	Mbli	
Print Nam	e: <u>Samuel B. Levin</u>	
Title:	President	
Date:	August 27 2019	

Account No.: 01362534-531000 \$21,313.93 (77%) 01361534-531000 \$6,366.51 (23%) 01363534-531000 \$28,391.18

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Public Works:

Contract Management:

Office of Management & Budget:

County Manager:

Ex-Officio Clerk:

County Attorney:

Department Head or Designee

Grayson Hagins

Megan Diehl

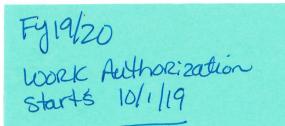
Michael S. Mullin

John Crawford Michael S. Mullin

APPROVED by the BOARD OF COUNTY COMMISSIONERS, this _____ day of _____, 2019.

BOARD OF COUNTY COMMISSIONERS NASSAU COUNTY, FLORIDA

Justin M. Taylor Chairman



Attachment "A" Scope of Services

I Water Quality Monitoring Services ratory Analyses, and Reporting Services) for the and Lofton Creek Closed Landfills through Spring 2020 Sampling Events

Nassau County S2L, Inc.'s Contract and Work Authorization Number: CM2685-WA06 S2Li Project Number: 19-844

Work Authorization Service Period: Fiscal Year 2020 (October 1, 2019 through September 30, 2020)

This Work Authorization will provide sampling, testing and reporting services by S2L, Incorporated ("S2Li") and The Colinas Group ("TCG") (S2Li's hydrogeological subconsultant) collectively known as the "S2Li Project Team" for the West Nassau and Lofton Creek Landfills in accordance to the respective landfill's water quality Monitoring Plan Implementation Schedules ("MPIS") within the permits for each site. As an additional services option, the S2Li Project Team will also sample and analyze the water quality at the wells along Meadowfield Bluff Road and provide the results for County documentation. Under the scope of services for this Work Authorization, S2Li Project Team will perform the following:

SCOPE OF SERVICES

S2Li Project Team will provide qualified professional labor to complete groundwater and surface water sampling, laboratory analyses and reporting to support Nassau County in compliance with Florida Department of Environmental Protection ("FDEP" or "Department") permit conditions and the requirements of FDEP Rule 62-701, FAC. S2Li Project Team will prepare two (2) Semi-Annual Water Quality Monitoring Reports each for the West Nassau and Lofton Creek landfills over the coming fiscal year period (October 1, 2019 through September 30, 2020). S2Li Project Team will use groundwater level measurements and field and laboratory results from analyses of collected groundwater and surface water samples to complete the semi-annual FDEP data reporting requirements.

The Semi-Annual Monitoring Reports will be prepared in accordance with the requirements of FDEP Rule 62-701.510(8)(a) and the landfill's current FDEP MPIS. The Semi-Annual Monitoring Reports will include, but may not be limited to:

- a. Facility basic information, sample collection dates, and laboratory analyses dates;
- b. Original laboratory report results, QA/QC notations for analytical results, method detection limits, applicable water quality standards and STORET code numbers for all parameters analyzed;
- c. Tabulated water level and field parameter measurement data;
- d. Map showing monitoring locations for groundwater and surface water monitoring points with identification numbers;
- e. Water level measurements and measuring point elevations at each monitoring point reported to a precision of 0.01 feet NGVD;

- f. Updated groundwater contour maps for the upper and lower monitoring zones, with contour intervals no greater than 1 foot, indicating groundwater elevations and direction of groundwater flow;
- g. Summary of any water quality standards or criteria that are exceeded, and;
- h. Electronic Data Delivery (EDD) prepared in FDEP ADaPT format.

S2Li Project Team will complete two semi-annual monitoring and reporting events each for the West Nassau Closed Landfill and the Lofton Creek Closed Landfill with expected sampling to be conducted in the Fall (October) 2019 and Spring (April) 2020. Water quality monitoring reports will be prepared in draft form for review and comment by Nassau County and, on approval, will be submitted to the FDEP through the Department's ESSA website. Electronic copies of the original submittal will be transmitted to Nassau County to complete each monitoring event.

Optional Additional Scope of Services for Lofton Creek Landfill

Nassau County may desire to monitor water quality from time to time at four (4) existing monitoring wells located along Meadowfield Bluffs Road located to the west of the Lofton Creek Closed Landfill. At the County's direction, S2Li Project Team will sample these wells one time during the time of the spring sampling event of the Lofton Creek Landfill monitoring wells, analyze the samples in the laboratory and prepare a letter report presenting monitoring results with recommendations for further actions, if any, on the part of Nassau County. Analysis will include those listed in the landfill's FDEP MPIS for testing at facility background monitoring wells.

SCHEDULE

Work under the Scope of Services provided above will begin upon receipt of the signed Work Authorization. It is estimated that it will take approximately 30 days to complete and deliver the draft Semi-Annual Water Quality Monitoring Reports from the time of receipt of laboratory analytical results. S2Li Project Team will prepare one (1) draft copy of each report for review and approval of Nassau County. Upon approval from Nassau County, S2Li Project Team will prepare the final report and submit the electronic data deliverable in ADaPT format to the FDEP Tallahassee Office and Nassau County.

Work under the Scope of Services provided below will begin October 1, 2019 and run through this service period ending September 30, 2020.

COST ESTIMATE

A detailed breakdown of costs for completion of semi-annual water quality monitoring activities at both landfills is provided on the attached Cost Summary Sheet. Annual costs for field sampling, laboratory analyses and report preparation for submittal to the FDEP in accordance with landfill closure permit requirements are provided in the attachment to this proposal.

Costs for groundwater analyses include the addition of tests for Boron and Hydrogen Sulfide at specific monitoring wells at the West Nassau and Lofton Creek landfills to meet anticipated upcoming FDEP rule revisions for monitoring at unlined Class I landfills. S2Li Project Team will include both parameters for sampling in the first semi-annual monitoring event following the date of final and official rule revision by the FDEP. Laboratory analysis costs (\$40/sample) for Boron and Hydrogen Sulfide together are included in the Cost Summary Sheet.

Potential costs for re-sampling of groundwater and surface water are provided for rare instances where an original sample analysis confirmation is considered advisable. Costs are presented as Contingent DW/SW Resampling in the Cost Sheet Summary. Resampling of any monitoring well or surface water station will only occur with prior approval from Nassau County.

The cost estimate to conduct the Work as described in the above-listed Scope of Services is \$56,071.62 including the optional additional services for Lofton Creek Landfill. A detailed breakdown for each task in conjunction with the estimated labor hours, contract labor rates, and expenses are included in the attached Exhibit 1 for the S2Li Project Team. 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.

H:\PROPOSALS AND MISC CORRESPONDENCE\Nassau County\Water Quality MPIS Sampling, testing and reporting\NC Water Quality Testing and Reporting _OES.sbl.docx

August 5, 2019

EXHIBIT 1 FDEP Semi-Annual Water Quality Monitoring Services

S2Li No. 19-844 County No. CM2685-WA06

Total Project Costs

S2Li Fee Estimate

West Nassau and Lofton Creek Closed Landfills Sampling, Laboratory Analyses, and Reporting

Fall 2019 through Spring 2020

Nassau County, Florida

			LABOR CATEGORY AND RATE								
LABOR		Project Dir./ Principal	Regional Manager/ QC Officer	Principal Engineer	Senior Engineer	Project Engineer	Associate Engineer/CADD	Field Technician	Office Manager	TOTAL HOURS	SUBTOTAL LABOR
TASK	DESCRIPTION	\$250.00	\$232.25	\$190.26	\$137.09	\$97.92	\$74.21	\$52.38	\$76.24		
1	West Nassau Landfill	2	12	0	0	0	0	0	6	20	\$3,744.44
2	Lofton Creek Landfill	2	12	o	0	0	0	0	6	20	\$3,744.44
3	Meadowfield Buff Road (Optional Addional Services for Lofton Creek Landfill)	0	2	0	0	0	0	0	1	3	\$540.74
	SUBTOTALS:	4	26	0	0	0	0	0	13	43	\$8,029.62
EXPENS	SES	Field Vehicle (\$100/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	The Colinas Group					SUBTOTAL EXPENSES
TASK	DESCRIPTION					(Attachment)					
1	West Nassau Landfill	\$ -	\$ -	\$-		\$ 23,936.00	\$ -				\$ 23,936.00
2	Lofton Creek Landfill	\$ -	\$ -	\$ -		\$ 21,126.00	\$-				\$ 21,126.00
3	Meadowfield Buff Road (Optional Addional Services for Lofton Creek Landfill)					\$ 2,980.00					\$ 2,980.00
	SUBTOTALS:	\$ -	\$-	\$-	\$ -	\$ 48,042.00	\$ -		\$ -	\$ -	\$ 48,042.00

		COST SUMMARY					
Tast	TASK	DESCRIPTION	SUBT S2Li L	otal Abor	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL	
77% $01342534-531000$ 53139370 $01361534-531000$ $467445301363534-531000$ 728391.1	37 1	West Nassau Landfill		744.44			-
2370 201361534-531000 - #28391.1	3	Lofton Creek Landfill Meadowfield Buff Road (Optional Addional Services for Lofton Creek Landfill)		.744.44 540.74	\$ 21,126.00 \$ 2,980.00	\$ 24,870.44 \$3,520.74	-
V	τοτα	ALS	\$8,	029.62	\$ 48,042.00	\$ 56,071.62	-
Task 2 Task 3							-

THE COLINAS GROUP, INC.

HYDROGEOLOGISTS & ENGINEERS

August 2, 2019

Mr. Omar Smith, P.E. S2L, Inc. 531 Versailles Drive Suite 202 Maitland, Florida 32751

Subj: Proposal for Hydrogeological Services Nassau County Closed Landfills FDEP Semi-Annual Water Quality Monitoring Reporting Fall 2019 through Spring 2020 TCG Proposal No. P-583

Dear Mr. Smith:

The Colinas Group, Inc. (TCG) is pleased to submit this proposal and fee/cost estimate to complete the following Scope of Services for hydrogeological services in support of regulatory compliance actions for Nassau County's West Nassau Closed Class I Landfill and Lofton Creek Closed Class I Landfill for the period Fall 2019 through Spring 2020.

SCOPE OF SERVICES

TCG will provide qualified professional labor to complete groundwater and surface water sampling, laboratory analyses and reporting to support Nassau County in compliance with Florida Department of Environmental Protection (FDEP) permit conditions and the requirements of FDEP Rule 62-701, FAC. TCG will prepare two (2) <u>Semi-Annual Water</u> <u>Quality Monitoring Reports</u> each for the West Nassau and Lofton Creek landfills over the coming one-year period. TCG will use groundwater level measurements and field and laboratory results from analyses of collected groundwater and surface water samples to complete the semi-annual FDEP data reporting requirements

The Semi-Annual Monitoring Reports will be prepared in accordance with the requirements of FDEP Rule 62-701.510(8)(a) and the landfill's current FDEP Monitoring Plan Implementation Schedule (MPIS). The Semi-Annual Monitoring Reports will include, but may not be limited to:

- a. Facility basic information, sample collection dates and laboratory analyses dates;
- Driginal laboratory report results, QA/QC notations for analytical results, method detection limits, applicable water quality standards and STORET code numbers for all parameters analyzed;
- c. Tabulated water level and field parameter measurement data;
- d. Map showing monitoring locations for groundwater and surface water monitoring points with identification numbers;
- e. Water level measurements and measuring point elevations at each monitoring point reported to a precision of 0.01 feet NGVD;
- f. Updated groundwater contour maps for the upper and lower monitoring zones, with contour intervals no greater than 1 foot, indicating groundwater elevations and direction of groundwater flow;
- g. Summary of any water quality standards or criteria that are exceeded, and;
- h. Electronic Data Delivery (EDD) prepared in FDEP ADaPT format.

TCG will complete one calendar year of Florida Department of Environmental Protection (FDEP) semi-annual monitoring and reporting events for the West Nassau Closed Landfill and the Lofton Creek Closed Landfill to include: <u>Fall (October) 2019 and Spring (April) 2020</u>. Water quality monitoring reports will be prepared in draft for review and comment by S2Li and Nassau County and, on approval, will be submitted to the FDEP through the Department's ESSA website. Electronic copies of the original submittal will be transmitted to S2Li to complete the monitoring event.

TCG proposes to complete the above Scope of Services on a not-to-exceed fee basis in accordance with our personnel standard hourly rates. A summary of professional labor fees and subcontract laboratory costs to complete the work tasks is presented below:

Semi-Annual Monitoring and Reporting (One-Year)

West Nassau Landfill		
TCG Professional Labor		\$ 7,300.00
Laboratory Direct Costs		<u>16,636.00</u>
	Sub-Total	\$ 23,936.00
Lofton Creek Landfill		
TCG Professional Labor		\$ 7,260.00
Laboratory Direct Costs		<u>13,866.00</u>
	Sub-Total	\$ 21,126.00
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TOTAL FEES AND COSTS \$45,062.00

Nassau County may desire to monitor water quality from time to time at four (4) existing monitoring wells located along Meadowfield Bluffs Road located to the west of the Lofton Creek Closed Landfill. TCG, at the direction of S2L, Inc., will sample these wells, analyze the samples in the laboratory and prepare a letter report presenting monitoring results with recommendations for further actions, if any, on the part of Nassau County. Analytes will include those listed in the landfill's FDEP Monitoring Plan Implementation Schedule for testing at facility background monitoring wells.

A summary of professional labor fees and laboratory costs to complete this "on-request" task is presented below:

Optional Monitoring	and Reporting (per event) for	· Meadowfield Bluffs Road

TCG Professional Labor		\$ 950.00
Laboratory Direct Costs		<u>\$ 2,030.00</u>
	TOTAL FEES AND COSTS	\$ 2,980.00

A detailed breakdown of costs for completion of semi-annual water quality monitoring activities at both landfills is provided on the attached Cost Summary Sheet. Annual costs for field sampling, laboratory analyses and report preparation for submittal to the FDEP in accordance with landfill closure permit requirements are provided in the attachment to this proposal.

Costs for groundwater analyses include the addition of tests for Boron and Hydrogen Sulfide at specific monitoring wells at the West Nassau and Lofton Creek landfills to meet anticipated upcoming FDEP rule revisions for monitoring at unlined Class I landfills. TCG will include both parameters for sampling in the first semi-annual monitoring event following the date of final and official rule revision by the FDEP. Laboratory analysis costs (\$40/sample) for boron and Hydrogen Sulfide together are included in the Cost Summary Sheet.

Potential costs for re-sampling of groundwater and surface water are provided for rare instances where an original sample analysis confirmation is considered advisable. Costs are presented as Contingent DW/SW Resampling in the Cost Sheet Summary. Resampling of any monitoring well or surface water station will only occur with prior approval from both S2L, Inc. and Nassau County.

We estimate approximately 30 days to complete and deliver the draft Semi-Annual Water Quality Monitoring Reports from the time of receipt of laboratory analytical results. TCG will prepare one (1) draft copy of each report for review and approval of S2Li and Nassau County. Upon approval from S2Li, TCG will prepare the final report and submit the electronic data deliverable (EDD) in ADaPT format to the FDEP Tallahassee Office and S2Li. We trust this proposal is suitable for your budget and contracting needs. If you have any questions or require further information, please do not hesitate to contact me at your convenience. We look forward to being of service to S2Li and to Nassau County.

Very truly yours, THE COLINAS GROUP, INC.

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Richard L. Potts, Jr., P.G Principal Consultant FL P.G. Reg. No

COST SUMMARY SHEET

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SEMI-ANNUAL WATER QUALITY MONITORING AT NASSAU COUNTY CLOSED LANDFILLS 2019 - 2020

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		TASK 3: ME	ADOWFIELD BL	UFFS ROAD (OP	TIONAL)		
Item	m Field Component		Schedule	Cost per Event	Events/Yr.		Per Event Cost
16	Field Sampling Groundwater		On Demand	\$ 850.00	TBD	\$	850.00
ltem	Analytical Component	Schedule	Cost/Sample	Samples/Event	Event/Yr.		Per Event Cost
17	Groundwater Analyses	On Demand	\$ 295.00	4	TBD	\$	1,180.00
Item	Item Reporting Component		Schedule	Cost per Event	Events/Yr.		Per Event Cost
18	Report Preparation and Co	unty Submittal	On Demand	\$ 950.00	TBD	\$	950.00
L	MEADOWFIELD BLUFFS ROAD TOTAL						2,980.00

4

WATER QUALITY MONITORING COST SUMMARY

Nassau County Landfills Water Quality Monitoring and Reporting	Annual Cost Summary
West Nassau Landfil	\$ 23,936.00
Lofton Creek Landfil	\$ 21,126.00
Meadowfield Bluffs Road (Optional	\$ 2,980.00
TOTAL ANNUAL COST	\$ 48,042.00

FY 2019-2020 BUDGET REQUEST

Operating Expenditures Detail

WN Phase I Old Post Closure 01361534

Vendor Name	Object	DESCRIPTION	Calculation	Contract Number	itemized Cost	Object Clas Total Cost
rofessional Services 2Li	531xxx 531325	LFG O&M of Flare and gas system required by West Nassau FDEP Title V Permit		CM2096	44,000.00	69,000.0
2Li	531000	Inward Gradient well monitoring & reporting required by EDEP WNLE Permit		CM2096	6,000.00	
i2Li	531000	Inward Gradient well monitoring & reporting required by FDEP WNLF Permit Landfill Stabilization & WQ Tech Report Due June 2020 FDEP required	· Martin Company	CM2096	8,000.00	
2Li 2Li	531000 531000	Financial Assurance Rpt FDEP required Water Quality collection, testing & reporting as required by FDEP	Cmalets	CM2096 CM2096	5,000.00 6,000.00	
					0,000.00	
ontractual Services	534xxx					
ravel & Per Diem ommunications & Freight	540xxx 541xxx	(see itemized worksheet tab)				
			-			
ostage	542xxx					
tility Services Electric, Water/Sewer, Garbage, tc.)	543xxx				A set	1,800
PĽ	543000	Flare Meter # KN37910 25% of total cost of bill other 75% budgeted in 01362534	\$600/mo*25%*12		1,800.00	.,
entals & Leases	544xxx					1,000
b be determined	544000	Rental of mower/tractor in the event of equip failure or breakdown posted in other orgs, 01362534, 01363534, 01364534			1,000.00	
surance	545xxx 545000	Estimate based upon the FY 19/20 Insurance Estimated provided by OMB			850.00	850
	and a state of the					
			The state of the state	- 32-53-01-00-0		

FY 2019-2020 BUDGET REQUEST

Operating Expenditures Detail

WN Phase II New PC & Closure

Vendor Name	Object	DESCRIPTION	Calculation	Contract Number	Itemized Cost	Object Cla Total Cos
Professional Services S2Li	531xxx 531325	LFG O&M of Flare and gas system required by West Nassau FDEP Title V Permit		CM2096	146,000.00	699,934.
S2Li	531000	Inward Gradient well monitoring & reporting required by FDEP WNLF Permit		CM2096	22,000.00	
S2Li	531000	Landfill Stabilization & WQ Tech Report Due June 2020 FDEP required		CM2096	27,000.00	
S2Li S2Li	531000 531000	Financial Assurance Rpt FDEP required Water Quality collection, testing & reporting as required by FDEP	0.00.00	CM2096	18,000.00	
S2Li	531000	Inward Gradient & Water Quality Impact Study as required by FDEP	Cm2485	CM2095 CM2096	21,000.00 25,000.00	
S2Li	531000	General Engineering (other FDEP items that may arise or needed)		CM2096	25,000.00	
Amelia Urgent Care	531035	Drug Testing as needed (1) one employee	4 employees@25\$		25.00	
Water Recovery	531313	Leachate removal Water Recovery	svg 405,000 gallon/mo	CM2245	325,000.00	
Water Recovery	531313CSCSW	Leachate removal Water Recovery FDEP Grant Funding reimb anticipated by	*12/mo plus buffer		90,909.00	
		FDEP Grant amount of \$90,909				
Contractual Services	534xxx					
Fravel & Per Diem Communications & Freight	540xxx 541xxx	(see itemized worksheet tab)				1,143
At&T	541000	753-1340 E.Diden County Cell	12mo*50/mo	0140400-4	600.00	1,143
/erizon /erizon	541000 541000	Gps services for Synovia SWD-229 Verizon wireless 753-0411 (on call cell phone)	12*0.20 12mo*\$45/mo	CM2408a1	3.00 540.00	
	and the second					
	<u> </u>					
			1			
Postage	542xxx		a second a second a second	S. S		200
		Various Fed-Ex permit requirement mailings			200.00	200
Jtility Services	122.034		and the state of the	Carl States	Server Stranger Stra	
Electric, Water/Sewer, Garbage,	E 4 2				and the second	
etc.) PL	543xxx 543000	Flare Meter # KN37910 25% of total cost of bill other 25% budgeted in 01361534	\$600/mo*75%*12		5,400.00	11,880
	Station State		\$000mile 10% 12		and subscription	
PL		NS leachate tanks mtr#KN37907 avg bill \$200*12 WS Pumping station mtr#AC64901 avg bill \$80*12			2,400.00	
PL	543000	ES Pumping station mtr#AC64902 avg bill \$100*12	Call Call Products	1.1.1.1.1	960.00 1,200.00	
PL	543000	Maint shop at LF mtr#AC64904 avg bill \$80*12			960.00	
PL PL		Street light mtr#AC64951 avg bill \$40/mo*12 SS pumping station mtr#AC64951 avg bill\$40/mo*12			480.00 480.00	
	010000		Carlon Street		480.00	
	200					
				1000000000		
	1					
entals & Leases	544xxx					2,981
irgas	544000	Rental & lease of oxygen, acetelyn tanks			815.00	2,981
o be Determined		Rental of various closure equipment as needed budgeted in 01361534, 01363534, 01364534			2,000.00	
ynovia	544000	GPS rental for closure vehicle 12*\$13.78			166.00	
		Synovia CM2408-A1 Unit SWD229				
				SALE OF		
Surance	545					,
isurance		Insurance on equipment			4,775.00	4,775
		Estimate based upon FY 19/20 Insurance Estimates provided by OMB				
A STATE OF A REAL PROPERTY OF A STATE OF A ST						
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
					a second	

FY 2019-2020 BUDGET REQUEST

Operating Expenditures Detail

Lofton Creek Post Closure 01363534 Vendor Name

Vendor Name	Object	DESCRIPTION	Calculation	Contract Number	Itemized Cost	Object Clas Total Cost 42,000.0
Professional Services S2Li S2Li	531xxx 531000 531000	LFG Passive gas well abandonment as required by FDEP Water Quality collection, testing and reporting	Cm2685	CM2096 CM2096	14,000.00 28,000.00	42,000.0
52LI	531000	Water Quality conection, testing and reporting	Circlets	CIVIZU90	26,000.00	
			CONTRACTOR STREET			
Contractual Services	534xxx					
	19 10 19				140.40 A 195	
				2500		
and the second						
Fravel & Per Diem	540xxx	(see itemized worksheet lab)				-
Communications & Freight	541xxx					-
			1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
	1000					
				1. S.		
Postage	542xxx		LAND AND AND AND AND AND AND AND AND AND	CARDON RELATION		
Utility Services						
Electric, Water/Sewer, Garbage, etc.)	543xxx					
					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
				1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		
	3.4.92				1997	
				C. N. M. DALLAN		
				19. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19.	Sector Correct	
	STERNES!					
Rentals & Leases	544xxx 544000	Rental of mower/tractor in the event of equipment down			1,000.00	1,000.
		split between other orgs; 01362534, 01364534, 01361534				
				A State of the		
				19-20		
nsurance	545xxx	1				600.
	545000	Insruance estimate FY 19/20 provided by OMB			600.00	
					Desired E. C.	



Attachment B

Proposed Loaded Billing Rates for 2019/2020 for Services Provided by S2Li on Behalf of Nassau County

Contract Position	Hourly Rates
Project Director/Principal-in-Charge	\$250.00
Regional Manager/QC Officer	\$232.25 🗸
Principal Engineer	\$190.26
Senior Engineer	\$137.09
Project Engineer	\$ 97.92
Associate Engineer/CADD	\$ 74.21
Field Technician	\$ 52.38
Office Manager	\$ 76.24 🗸

- 1. Billing rate based on applying a 10% profit to S2Li's breakeven multiplier. Project Director was capped at \$250.00 per hour.
- 2. Rates include typical expenses such as reproduction, travel costs (except for field vehicle), lodging, and printing. Any other extraordinary direct expenses shall be negotiated on a case by case basis and will be identified in the Work proposal.
- 3. Subconsultant costs and parts purchased on the County's behalf will be billed as pass-through costs with no profit or markup added by S2Li in addition to actual costs.
- 4. Field vehicle (truck) will be billed at \$100/day.

THE COLINAS GROUP

Mr. Omar Smith, P.E. S2L, Inc. 529 Versailles Drive, Suite 202 Maitland, FL 32751

April 4, 2019

Subj: Professional Hydrogeologic Services Fee Schedule S2L, Inc - Nassau County Continuing Contract for Engineering Services

Dear Mr. Levin:

The Colinas Group, Inc. (TCG) herein presents our proposed Professional Services Fee Schedule for hydrogeologic services that may be required from time to time in support of specific projects assigned to S2Li by Nassau County:

S2L, Inc. / Nassau County Continuing Professional Engineering Services Contract Support April 4, 2019

Personnel Classification	Billing <u>1</u> /. Rate		
Principal Consultant/Project Manager (PG)	\$ 152.80		
Sr. Hydrogeologist (PG)	\$ 123.50		
Staff Hydrogeologist	\$ 90.50		
Environmental Field Technician	\$ 88.35 <u>2</u> /.		
Draftsperson/CAD Operator	\$ 62.00		
Clerk/Word Processor	\$ 39.50		

1/. Billing Rates include typical expenses such as mileage, reproduction and communication costs.

21. Billing Rate includes mileage, field-testing instrument rental and water sampling supplies.

3/. As required, on a project-by-project basis, specialized field investigation equipment rental and subcontract drilling and well construction services will be billed as pass through costs with no profit or other fees added to actual cost.

The above billing rates will remain in force throughout the duration of S2Li's contract term with Nassau County.

Very truly yours, THE COLINAS GROUP, INC.

Richard L. Potts, Jr., P.G Principal Consultant FL P.G. Reg. No.1113