

**CHANGE ORDER APPROVAL FORM**

PROJECT: West Nassau Landfill Leachate Storage System Improvements CHANGE ORDER: 2

DATE: 5/4/17

CONTRACT NUMBER: CM2320

TO CONTRACTOR: E&D Contracting Services, Inc.

Reason for Change Order: This change order includes an increase in time: 72 weather days, 24 additional days for the additional in Change Order #1, 2 days for addressing RFI #1, 5 days for addressing RFI#2 and 30 days to allow the contractor to address the leachate spill. This change order includes a deduction for the Landfill Foreman's overtime for shutting down and restarting the leachate system, the additional shop drawing reviews and inspections by the Engineer of Record and additional services by the Engineer of Record due to the spill of leachate outside of the leachate containment area.

Original Contract Sum.....	\$	<u>348,118.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>14,781.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>362,899.00</u>
Amount of This Change Order ( <del>Add</del> /Deduct).....	\$	<u>( 5,152.30)</u>
New Contract Sum Including this Change Order.....	\$	<u>357,746.70</u>

17 MAY 12 PM 2: 53

The contract for substantial completion will be (increased) (~~decreased~~) (~~unchanged~~) by 133 days;  
Substantial Completion: 04/25/17; Final Completion: 05/26/17

APPROVED BY: [Signature] DATE: 5/4/17  
Project Manager (Department Head)

APPROVED BY: [Signature] DATE: 5/11/17  
Contract Manager

APPROVED BY: [Signature] DATE: 5/18/17  
5/15/17 Director of Office of Management & Budget

APPROVED BY: [Signature] DATE: 5-19-17  
County Manager

ACCOUNT NO.: 01362534-563920 SWTNK

**CHANGE ORDER REQUEST FORM**

West Nassau Landfill Leachate Storage System Improvements

No. 2

PROJECT

DATE OF ISSUANCE May 1, 2017 EFFECTIVE DATE May 1, 2017

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS  
 COUNTY Contract / Purchase Order No.: Contract No. CM 2320  
 CONTRACTOR: E&D Contracting Services, Inc. ENGINEER / ARCHITECT: S2L, Inc.

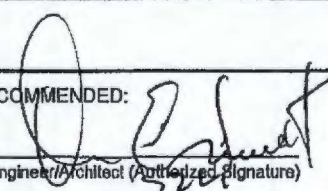
You are directed to make the following changes in the Contract Documents.

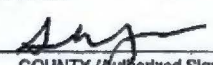
Description: This change order includes an increase in time: 72 weather days, 24 additional days for the additional in Change Order #1, 2 days for addressing RFI #1, 5 days for addressing RFI #2 and 30 days to allow the contractor to address the leachate spill. This change order includes a deduction for the Landfill Foreman's overtime for shutting down and restarting the leachate system, the additional shop drawing reviews and inspections by the Engineer of Record and additional services by the Engineer of Record due to the spill of leachate outside of the leachate containment area.

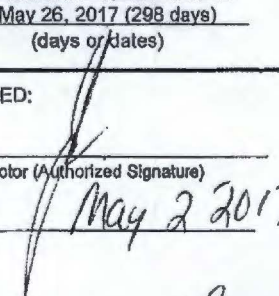
Reason for Change Order: Additional time and direct costs that the County has incurred for additional services.

Attachments: Weather days, Landfill Foreman time sheets, and S2LI cover letters and invoices for additional services.

RECEIVED  
 2017-05-19 01:18  
 COUNTY ENGINEERING SERVICES

RECOMMENDED:   
 By: \_\_\_\_\_  
 Engineer/Architect (Authorized Signature)  
 Date: May 2, 2017

APPROVED: \_\_\_\_\_  
 By:   
 COUNTY (Authorized Signature)  
 Date: 5-19-17

ACCEPTED:   
 By: \_\_\_\_\_  
 Contractor (Authorized Signature)  
 Date: May 2 2017

*g8  
5/18/17*



## CHANGE ORDER

### INSTRUCTIONS

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#### A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Contract Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating change order items to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed, any effect of a Change Order, thereon, should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order may be used.

#### B. COMPLETING THE CHANGE ORDER FORM

Engineer / Architect / Etc. initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from the County or both.

Once Engineer / Architect / Etc. has completed and signed the form, all copies should be sent to Contractor for approval. After approval by Contractor, all copies should be sent to the County for approval. Engineer should make distribution of executed copies after approval by the County.

If a change only applies to Contract Price or to Contract Times, cross out the part of the tabulation that does not apply.

**West Nassau Landfill Leachate Storage System Improvements  
CM2320**

Weather Days (8/1/16 - 4/19/17)

No. of Weather/ Recovery Days	Day of the Week	Date	Contract Day	Reason Granted	Notes
1	Monday	8/1/2016	1	Weather	
2	Tuesday	8/2/2016	2	Weather	
3	Wednesday	8/3/2016	3	Recovery	
4	Thursday	8/4/2016	4	Recovery	
5	Friday	8/5/2016	5	Weather	
6	Tuesday	8/9/2016	9	Weather	
7	Wednesday	8/10/2016	10	Recovery	
8	Thursday	8/11/2016	11	Weather	
9	Monday	8/15/2016	15	Weather	
10	Monday	8/29/2016	29	Weather	Hurricane Hermine
11	Tuesday	8/30/2016	30	Weather	Hurricane Hermine
12	Wednesday	8/31/2016	31	Weather	Hurricane Hermine
13	Thursday	9/1/2016	32	Weather	Hurricane Hermine
14	Friday	9/2/2016	33	Weather	Hurricane Hermine
15	Tuesday	9/6/2016	37	Recovery	
16	Wednesday	9/7/2016	38	Recovery	
17	Thursday	9/8/2016	39	Recovery	
18	Tuesday	9/13/2016	44	Weather	
19	Wednesday	9/14/2016	45	Weather	
20	Thursday	9/15/2016	46	Weather	
21	Friday	9/16/2016	47	Weather	
22	Monday	9/19/2016	50	Weather	
23	Tuesday	9/20/2016	51	Weather	
24	Wednesday	9/21/2016	52	Recovery	
25	Monday	10/3/2016	64	Weather	
26	Tuesday	10/4/2016	65	Weather	Hurricane Matthew
27	Wednesday	10/5/2016	66	Weather	Hurricane Matthew
28	Thursday	10/6/2016	67	Weather	Hurricane Matthew
29	Friday	10/7/2016	68	Weather	Hurricane Matthew
30	Monday	10/10/2016	71	Weather	Hurricane Matthew
31	Tuesday	10/11/2016	72	Weather	Hurricane Matthew
32	Wednesday	10/12/2016	73	Recovery	
33	Thursday	10/13/2016	74	Recovery	
34	Friday	10/14/2016	75	Recovery	
35	Monday	10/17/2016	78	Weather	
36	Tuesday	10/18/2016	79	Recovery	
37	Wednesday	10/19/2016	80	Recovery	
38	Thursday	10/20/2016	81	Recovery	
39	Friday	10/21/2016	82	Recovery	
40	Wednesday	11/9/2016	101	Weather	
41	Thursday	12/1/2016	123	Weather	
42	Monday	12/5/2016	127	Weather	

43	Tuesday	12/6/2016	128	Weather	
44	Wednesday	12/7/2016	129	Recovery	
45	Thursday	12/8/2016	130	Recovery	
46	Wednesday	12/14/2016	136	Weather	
47	Tuesday	12/20/2016	142	Weather	
48	Thursday	12/29/2016	151	Weather	
49	Friday	12/30/2016	152	Weather	
50	Tuesday	1/3/2017	156	Weather	
51	Wednesday	1/4/2017	157	Recovery	
52	Thursday	1/5/2017	158	Weather	
53	Friday	1/6/2017	159	Weather	
54	Monday	1/9/2017	162	Recovery	
55	Tuesday	1/10/2017	163	Recovery	
56	Monday	1/23/2017	176	Weather	
57	Tuesday	1/24/2017	177	Recovery	
58	Wednesday	1/25/2017	178	Recovery	
59	Thursday	1/26/2017	179	Weather	
60	Tuesday	2/7/2017	191	Weather	
61	Wednesday	2/8/2017	192	Recovery	
62	Thursday	2/9/2017	193	Weather	
63	Wednesday	2/22/2017	206	Weather	
64	Thursday	2/23/2017	207	Weather	
65	Friday	2/24/2017	208	Recovery	
66	Thursday	3/2/2017	214	Weather	
67	Friday	3/3/2017	215	Recovery	
68	Monday	3/13/2017	225	Weather	
69	Tuesday	3/14/2017	226	Recovery	
70	Tuesday	4/4/2017	247	Weather	
71	Thursday	4/6/2017	249	Weather	
72	Friday	4/7/2017	250	Recovery	



Lynn Diden

Overtime Hourly rate with Fringes \$55.05

12/21/2016	3	Turned pumps on for E&D Contracting
12/28/2016	1.5	Turned pumps on for E&D Contracting
12/31/2016	3	Cleaned, pulled and replaced leachate sump pump
2/22/2017	6	8am - 2pm Installed electric panel for tanks

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13.5 hours

\$743.18

**NASSAU COUNTY  
SOLID WASTE  
CONVENIENCE RECYCLE CENTER  
TIME SHEET**

Pay Period: 12/24 - 1/6

Employee Name: Lynn Diden Emp#: 712

Bonus/Personal Leave	Sick Leave	Vac' Leave	Regular Hours	Leave Holiday	Overtime
		40	22	18	9

DATE	01361634 WN Old Post Closure	01362634 WN New Post Closure	01363634 Lofton Crk	01364634 Bryceville	01365634 Convenience Ctr	01367634 Recycling	Total Hours
Week 1 Saturday	24-Dec				4		4
Sunday	25-Dec						
Monday	26-Dec	Holiday					9-Hol
Tuesday	27-Dec						9-VAC
Wednesday	28-Dec	Closed					9-VAC
Thursday	29-Dec						9-VAC
Friday	30-Dec						
Total:					4		4

DATE	01361634 WN Old Post Closure	01362634 WN New Post Closure	01363634 Lofton Crk	01364634 Bryceville	01365634 Convenience Ctr	01367634 Recycling	Total Hours
Week 2 Saturday	31-Dec						4-VAC
Sunday	1-Jan						
Monday	2-Jan	Holiday					9-Hol
Tuesday	3-Jan						9-VAC
Wednesday	4-Jan	Closed					
Thursday	5-Jan		9				9
Friday	6-Jan		9				9
Total:							18

Employee Signature: *Lynn Diden*

Director Signature: \_\_\_\_\_

Notes:  
 12/21 payroll carryover. Turned Pumps on for E&D contracting. (3.0)  
 12/28 Came in to get Flare Blower motor to CBI. Also turned pumps back on to Leachate tanks. (3.0 OT)  
 12/31 Cleaned, pulled and replaced Leachate sump pump. (3.0 OT)

**NASSAU COUNTY  
SOLID WASTE  
CONVENIENCE RECYCLE CENTER  
TIME SHEET**

Pay Period: 2/18-3/3

Employee Name: Lynn Diden Emp# : 712

Bonus/Personal Leave	Sick Leave	Vac Leave	Regular Hours	Leave Holiday	Overtime
			71	9	6

DATE	01861634 WN Old Post Closure	01862634 WN New Post Closure	01869534 Lofan Crk	01884634 Bryceville	01869534 Convenience Ctr	01867534 Recycling	Total Hours
<u>Week 1</u> Saturday	18-Feb				4		4
Sunday	19-Feb						
Monday	20-Feb	Holiday					
Tuesday	21-Feb	6				3	9
Wednesday	22-Feb	Closed					
Thursday	23-Feb	5	4				9
Friday	24-Feb	1	6	2			9
<b>Total:</b>	1	17	4	2	4	3	31

9-Hal

DATE	01861634 WN Old Post Closure	01862634 WN New Post Closure	01869534 Lofan Crk	01884634 Bryceville	01869534 Convenience Ctr	01867534 Recycling	Total Hours
<u>Week 2</u> Saturday	25-Feb					4	4
Sunday	26-Feb						
Monday	27-Feb	1			8		9
Tuesday	28-Feb	4			5		9
Wednesday	1-Mar	Closed					
Thursday	2-Mar	1	6		2		9
Friday	3-Mar		3		6		9
<b>Total:</b>	2	13			21	4	40

Employee Signature: Lynn Diden

Director Signature: \_\_\_\_\_

Notes: wednesday 22 Feb work overtime From 8:00 am to 2:00 pm Installed electric panel for tanks. (6hrs)





April 24, 2017

Mr. J. Scott Herring, P.E.  
Public Works Director  
Nassau County Solid Waste  
46026 Landfill Road  
Callahan, Florida 32011

RE: **S2Li Invoice – Additional Services Addressing Additional Review and Inspection Bid Document Preparation – Leachate Storage System Improvements West Nassau Landfill, Nassau County, Florida County Work Authorization Number CM2096-WA10; S2Li Project No. 15-601**

Dear Mr. Herring:

Please find attached an invoice for additional services related to addressing additional document review and site inspection cause by E&D Contracting (Contractor) during their Work for the Leachate Storage System Improvements for the West Nassau Landfill. This letter presents a list of items that S2L, Incorporated addressed associated with the additional document review and site inspection.

**Shop Drawings Resubmittals:**

- Submittal 1 (Coatings) – additional services for review of the second resubmittals (i.e. third submittal).
- Submittal 4 (PVC Schedule 80 Pipe and Fittings) – additional services for review of the second resubmittals (i.e. third submittal)

Labor time: 2 hours of Regional Manager's time; 4 hours of Sr. Project Manager's (EOR) time.

**Completion Inspection:**

- A completion inspection was conducted on December 13, 2016 and the project was determined to not be substantially complete at that time. An additional (un-budgeted) completion inspection will be required.

Labor time: 4 hours of Regional Manager's time (April 21, 2017); 4 hours of Sr. Project Manager's (EOR) time.

Total Additional Services Time: 6 hours of Regional Manager time (\$1,253.28).

Total Additional Services Time: 8 hours of Sr. Project Manager's (EOR) time (\$1,067.04) (attached).

Should you have any questions, please do not hesitate to contact us.

Sincerely,  
S2L, Incorporated

Omar E. Smith, P.E.  
Regional Manager

Attachment

H:\Invoices\17 Invoices\04 - April\April 17 15-601 Extra for Spill.docx



Nassau County 96161 Nassau Place Yulee, FL 32097	Invoice Number: 3907 Date: April 27, 2017 Project: 15-601 CM2096-WA10 – Leachate Storage System Improvements West Nassau Landfill
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Professional Services Through April 21, 2017

**Invoice Summary**

Additional Services – Additional Document Review and Completion Inspection

	Hours	Rate	Billed Amount
Regional Manager	6	\$208.88	\$1,253.28
Consultant Services (PRW Group) (attached)	8	\$133.38	\$1,067.04
<b>TOTAL INVOICE AMOUNT</b>			<b>\$2,320.32</b>



# PRW GROUP, LLC

PLANNING • DESIGN • UTILITIES • MANAGEMENT • LEACHATE • WASTEWATER • WATER • REUSE

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April 24, 2017

Omar E. Smith, P.E.  
S2L, Incorporated  
531 Versailles Drive, Suite 202  
Maitland, Florida 32751-7301

**RE: PRW Group, LLC Invoice – Additional Construction Services  
Leachate Storage System Improvements  
West Nassau Landfill, Nassau County, Florida  
County Work Authorization Number CM2096-WA10; S2Li Project No. 15-601**

Dear Mr. Smith:

Please find attached an invoice for additional services related to additional construction services for the referenced project. The additional services are summarized below.

**Shop Drawings resubmittals**

- Submittal 1 (Coatings) – additional services for review of the second resubmittals (i.e. third submittal).
- Submittal 4 (PVC Schedule 80 Pipe and Fittings) - additional services for review of the second resubmittals (i.e. third submittal)

**Completion Inspection**

- A completion inspection was conducted on December 13, 2016 and the project was determined to not be substantially complete at that time. An additional (un-budgeted) completion inspection will be required.

**Total Additional Services Time:** 8 hours of Sr. Project Manager's time (\$1067.04).

We appreciate the opportunity to assist S2LI in providing professional engineering services to Nassau County for this project. If you have any questions, please contact me at (407) 721-6954.

Sincerely,



Richard D. Wilson, P.E.  
Project Manager

**ATTACHMENT A**  
**PRW Group, LLC**  
**Budget Expenditure Detail - Additional CM**  
**Leachate Storage System Improvements**  
**Design, Bidding and Construction Administration Service**

Task	Task Title	Current Period Hours and Expenditures							
		Sr. Project Manager (P6)		CADD Technician I (T1)		Admin. Assistant I (A1)		Total	
		Rate	\$133.38	Rate	\$59.48	Rate	\$38.07		
		Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount
—	Additional Resubmittal Reviews (2)	4	\$533.52	0	\$0.00	0	\$0.00	4	\$533.52
—	Additional Inspection	4	\$533.52	0	\$0.00	0	\$0.00	4	\$533.52
	<b>Total</b>	<b>8</b>	<b>\$1,067.04</b>	<b>0</b>	<b>\$0.00</b>	<b>0</b>	<b>\$0.00</b>	<b>8</b>	<b>\$1,067.04</b>
								<b>Total Labor</b>	<b>\$1,067.04</b>
								<b>Other Direct Costs</b>	<b>\$0.00</b>
								<b>Total Invoice</b>	<b>\$1,067.04</b>





April 24, 2017

Mr. J. Scott Herring, P.E.  
Public Works Director  
Nassau County Solid Waste  
46026 Landfill Road  
Callahan, Florida 32011

RE: S2Li Invoice – Additional Services Addressing Liquid Waste Spill Remediation  
Bid Document Preparation – Leachate Storage System Improvements  
West Nassau Landfill, Nassau County, Florida  
County Work Authorization Number CM2096-WA10; S2Li Project No. 15-601

Dear Mr. Herring:

Please find attached an invoice for additional services related to addressing a liquid waste spill cause by E&D Contracting (Contractor) during their project for the Leachate Storage System Improvements for the West Nassau Landfill. This letter presents a list of items that we addressed associated with the spill.

**January 19, 2017:**

- Spill discovered by County personal.
- Consulted with County on spill and potential remedies: 1 hour of Regional Manager time.
- Prepared and submitted email notifying the Florida Department of Environmental Protection (FDEP) and providing a preliminary course of action: 3 hours of Regional Manager time.
- Prepared and submitted email to E&D: 1 hour of Regional Manager time.

**January 23, 2017:**

- Met FDEP on-site to discuss the spill and remedial action procedures: 1 hour of Regional Manager time.
- Prepared and submitted follow-up email to FDEP notifying them of a delayed action by the Contractor: 1 hour of Regional Manager time.
- Consulted with County on the spill: 1 hour of Regional Manager time.

**February 28, 2017:**

- Reviewed "Limited Soil Assessment Letter Report" from Contractor: 1 hour of Regional Manager time.
- Emailed County a summary of comments on the Contractor's report: 1 hour of Regional Manager time.

**Total Additional Services Time:** 10 hours of Regional Manager time.

Should you have any questions, please do not hesitate to contact us.

Sincerely,  
S2L, Incorporated

Omar E. Smith, P.E.  
Regional Manager

Attachment

H:\Invoices\17 Invoices\04 - April\April 17 15-601 Extra for Spill.docx

8029 RIDGE VALLEY • WOODSTOCK, GEORGIA 30189  
770-517-9759 Fax 770-517-9762 www.s2li.com



Nassau County 96161 Nassau Place Yulee, FL 32097	Invoice Number: 3908 Date: April 27, 2017 Project: 15-601 CM2096-WA10 – Leachate Storage System Improvements West Nassau Landfill
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Professional Services Through April 21, 2017

**Invoice Summary**

Additional Services – Site Liquid Spill Remediation

	Hours	Rate	Billed Amount
Regional Manager	10	\$208.88	\$2,088.80
<b>TOTAL INVOICE AMOUNT</b>			<b>\$2,088.80</b>