

# St. Bernard Parish Conformed Copy

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ATTENTION: RONNIE ALONZO CAO  
CHALMETTE, LA 70043

**First MORTGAGOR**

ST BERNARD PARISH GOVERNMENT

**First MORTGAGEE**

ORION MARINE CONSTRUCTION INC

**Index Type :** MORTGAGES

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**Description :** CHANGE ORDER NO2

**Recorded Information**

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ATTENTION: RONNIE ALONZO CAO  
CHALMETTE, LA 70043

# Change Order

No. 2

Date of Issuance: February 17, 2016

Effective Date: February 17, 2016

Project: Lake Lery Marsh Creation Project	Owner: St. Bernard Parish Government	Owner's Contract No.: HDCA 2015-03
Contract: Lake Lery Marsh Creation Project		Date of Contract: June 5, 2015
Contractor: Orion Marine Construction, Inc		Engineer's Project No.: 10001871

**The Contract Documents are modified as follows upon execution of this Change Order:**

Description:

Additional fill including settlement during construction

**Attachments (list documents supporting change):**

Attachment A, B, C

**CHANGE IN CONTRACT PRICE:**

Original Contract Price:

\$ 6,194,947.54

Increase from previously approved Change Orders No. 1 to No. 2:

\$ 186,583.86

Contract Price prior to this Change Order:

\$6,381,531.40

Increase of this Change Order:

\$ 66,238.79

Contract Price incorporating this Change

\$ 6,447,770.19

**RECOMMENDED:**

By: [Signature]  
Engineer (Authorized Signature)

Date: 2-17-16

Approved by Funding Agency (if applicable):

**ACCEPTED:**

By: [Signature]  
Owner (Authorized Signature)

Date: 2/17/2016

**ACCEPTED:**

By: [Signature]  
Contractor (Authorized Signature)

Date: 2-22-16

**CHANGE IN CONTRACT TIMES:**

Original Contract Times:  Working  Calendar days

Substantial completion (days or date): 5-15-16

Ready for final payment (days or date): 5-31-16

Increase from previously approved Change Orders No. 0 to No. 1:

Substantial completion (days): na

Ready for final payment (days):na

Contract Times prior to this Change Order:

Substantial completion (days or date): 2-17-16

Ready for final payment (days or date): 2-17-16

Increase of this Change Order:

Substantial completion (days or date): 5-15-16

Ready for final payment (days or date): 5-31-16

Contract Times with all approved Change Orders:

Substantial completion (days or date): 5-15-16

Ready for final payment (days or date): 5-31-16

CHANGE ORDER NO. 2  
Lake Lery Marsh Creation

ITEM NO.	DESCRIPTION	UNIT PRICE	QUANTITY	PAY UNIT	ORIGINAL CONTRACT			CHANGE ORDER NO. 1			CHANGE ORDER NO. 2			REVISED CONTRACT VALUES
					BID	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT			
1	Mobilization and Demobilization	\$ 2,390,433.75	1	LS	\$ 2,390,433.75	0	\$ -	0	\$ -	0	\$ -	1	\$ 2,390,433.75	
2	Surveying	\$ 354,786.48	1	LS	\$ 354,786.48	0	\$ -	0	\$ -	0	\$ -	1	\$ 354,786.48	
3	Earthen Dike	\$ 217.21	5800.0	LF	\$ 1,259,818.00	0	\$ -	0	\$ -	0	\$ -	5,800	\$ 1,259,818.00	
4	Marsh Creation Fill (Fill to EL 2.75)	\$ 4.65	466501	CY	\$ 2,169,229.65 (127,573)	0	\$ (593,214.45)	0	\$ -	0	\$ -	338,928	\$ 1,576,015.20	
5	Settlement Plates	\$ 10,339.83	2.0	EA	\$ 20,679.66	0	\$ -	0	\$ -	0	\$ -	2	\$ 20,679.66	
<b>ADDITIONAL ITEMS</b>														
X-1	Hay Bales	\$ 205,061.28	0.0	LS	\$ -	1	\$ 205,061.28	0	\$ -	0	\$ -	1.0	\$ 205,061.28	
X-2	Estimated Settlement	\$ 4.65	0.0	CY	\$ -	45,000.00	\$ 209,250.00	4,282.30	\$ 19,912.70	49,282.3	\$ 229,162.70			
X-3	Marsh Creation Fill (Fill to EL 3.50)	\$ 4.65	0.0	CY	\$ -	78,599.361	\$ 365,487.03	9,962.60	\$ 46,326.09	88,561.961	\$ 411,813.12			
	Base Bid				\$ 6,194,947.54		\$ 186,583.86		\$ 66,238.79		\$ 6,447,770.19			

**ATTACHMNET "B" SUMMARY OF CHANGES – LAKE LERY MARSH CREATION PROJECT**

**ITEM 1.** Additional fill quantity and settlement quantity to try to achieve the maximize the fill in the new marsh creation site.

1/1/2011 1/1/2011 1/1/2011 1/1/2011 1/1/2011



Orion Marine Construction Inc.  
5440 W. Tyson Ave.  
Tampa, Florida 33611  
Phone: 813-839-8441

E-Mail: [Jrackley@orionmarinegroup.com](mailto:Jrackley@orionmarinegroup.com)

December, 1 2015

A. Phillip Olivier, PE  
Civil / Structural Engineer and Design Manager  
AECOM

Lake Lery Marsh Creation

### Lake Lery Marsh Planting and Final Quantities

Dear Mr. Olivier

In response to St. Bernard Parrish's request to plant vegetation in the recently created marsh area please see the below proposal from Orion Marine Construction, Inc. "OMCI". Please note that this proposal is based on the proposed scope provided to OMCI by the ENGINEER/OWNER.

In addition to the vegetation planting there was an overrun on estimated quantities. These quantities are included in this document and will need to be included in the second change order which is nondependent on acceptance of the vegetation planting proposal.

### Marsh Vegetation Planting

The below breakdown is based on the plans and specifications provided to OMCI.

Mob/Demob - Marsh Vegetation Planting	LS	\$	29,106.92	1.0	29,106.92
Support Crew/Equipment - Marsh Vegetation Planting	LS	\$	96,149.30	1.0	96,149.30
Spartina Patens 4" Pot	EA	\$	3.64	80,000.0	291,200.00
Spartina Alterniflora plug	EA	\$	2.19	2,600.0	5,694.00
Panicum Vaginaturn 4" pot	EA	\$	3.66	2,600.0	9,516.00
<b>Totals</b>					<b>431,666.22</b>

**Additional Fill Quantities**

Additional Settlement	CY	\$	4.65	4,282.3	19,912.70
Additional Marsh Fill Calculated by Third Party Surveyor	CY	\$	4.65	9,962.6	46,326.28
<b>Totals</b>					<b>66,238.97</b>

**Estimated Final Contract Price**

To summarize, there is an overrun of 14,244.9 CY's in quantities which increases the current contract by \$66,238.97. Also, if the above proposal for the marsh vegetation planting is accepted there will be an additional \$431,666.22 increase in the contract. These two increases will result in a final estimated contract price of \$6,879,436.59. Please see below breakdown.

ITEM NO.	DESCRIPTION OF ITEM	U/M	Unit Price	Original		Change Orders #1		Change Orders #2		Total	
				Units	\$	Units	\$	Units	\$	Units	\$
001	Fixed Price Mobilization and Demobilization	LS	\$ 2,390,433.75	1.0	2,390,433.75	0.0	0.00	0.0	0.00	1.0	2,390,433.75
002	Surveying	LS	\$ 354,786.48	1.0	354,786.48	0.0	0.00	0.0	0.00	1.0	354,786.48
003	Unit Pricing Earthfill Dike	LF	\$ 217.21	5,800.00	1,259,818.00	0.0	0.00	0.0	0.00	5,800.00	1,259,818.00
004	Marsh Creation Fill - Pre Dredge Volumes to 2.75'	CY	\$ 4.65	486,301.00	2,169,229.65	(127,573.00)	(593,214.45)	0.00	0.00	358,728.00	1,575,015.20
005	Settlement Piles	EA	\$ 10,339.83	2.00	20,679.66	0.0	0.00	0.0	0.00	2.00	20,679.66
<b>Additional Items</b>											
X-1	Hay Bale back Levee	LS	\$ 210,765.23			1.0	205,061.28	0.0	0.00	1.00	205,061.28
X-2	Estimated Settlement	CY	\$ 4.65			45,000.0	209,250.00	0.0	0.00	45,000.00	209,250.00
X-3	Marsh Creation Fill - 2.75' to 3.5' over 2,829,577 SF	CY	\$ 4.65			78,599.4	365,487.03	0.0	0.00	78,599.36	365,487.03
X-4	Additional Settlement	CY	\$ 4.65			0.0	0.00	4,282.3	19,912.70	4,282.30	19,912.70
X-5	Additional Marsh Fill Calculated by Third Party Surveyor	CY	\$ 4.65			0.0	0.00	9,962.6	46,326.28	9,962.64	46,326.28
X-6a	Mob/Demob - Marsh Vegetation Planting	LS	\$ 29,106.92					1.0	29,106.92	1.00	29,106.92
X-6b	Support Crew/Equipment - Marsh Vegetation Planting	LS	\$ 96,149.30					1.0	96,149.30	1.00	96,149.30
X-6c	Spartina Patens 4" Pot	EA	\$ 3.64					80,000.0	291,200.00	80,000.00	291,200.00
X-6d	Spartina Alterniflora plug	EA	\$ 2.19					2,600.0	5,694.00	2,600.00	5,694.00
X-6e	Panicum Vaghiatum 4" pot	EA	\$ 3.66					2,600.0	9,516.00	2,600.00	9,516.00
<b>Totals</b>					6,194,947.54		166,583.66		497,905.19		6,879,436.59

Please do not hesitate to contact me if you have any questions or concerns about the proposal.

Sincerely,

**Jared Rackley**  
Orion Marine Construction, Inc.  
 10000 Highway 100  
 Suite 200  
 Houston, TX 77036  
 281.481.1234  
 jared@orionmarine.com

**Jared Rackley**  
 Project Manager  
 Orion Marine Construction, Inc.