

CHANGE ORDER FORM

CITY OF FORT PIERCE
CHANGE ORDER NO. 1

PROJECT: **RFP No. 2103-021** Fort Pierce City Marina Reconstruction Phase II ~ Floating Dock Construction

DATE: February 16, 2015

CONTRACTOR: Florida Floats Inc. dba Bellingham Marine

OWNER: CITY OF FORT PIERCE

AGREEMENT DATE: March 20, 2014

CHANGE ORDER REQUESTED BY: City Contractor

THE FOLLOWING CHANGES ARE MADE TO THE CONTRACT DOCUMENTS:

CONTRACT AMOUNT AND CONTRACT TIME:

Original CONTRACT AWARD AMOUNT	\$ 10,993,417.00
Current CONTRACT AMOUNT ADJUSTED by Previous CHANGE ORDER(S)	\$ 10,993,417.00
Net (Increase) (Decrease) of CONTRACT AMOUNT resulting from this CHANGE ORDER	\$ 11,832.60
Current CONTRACT AMOUNT Including this CHANGE ORDER	\$ 11,005,249.60
ORIGINAL CONTRACT TIME	400 Calendar Days
Current CONTRACT TIME ADJUSTED by Previous CHANGE ORDER	400 Calendar Days
Net (Increase) (Decrease) Resulting from this CHANGE ORDER	10 Calendar Days
Current CONTRACT COMPLETION DATE including this CHANGE ORDER	May 8, 2015

I. GENERAL: This CHANGE ORDER is necessary to cover changes in the Work to be performed under the Contract Documents. General Conditions, Supplementary Conditions as applicable, Specifications, and all parts listed in Article 1, Definitions, of the General Conditions, apply to and govern all Work under this CHANGE ORDER.

II. REQUIRED CHANGES:

We are requesting the Contractor to change out the existing pedestal electrical breakers to provide 30ma Ground Fault interruption breakers at individual pedestals to assist in alleviating nuisance tripping issues. A change to the national electrical code and a requirement of the City's electrical specification has created a condition (nuisance tripping) that marinas have not had to deal with in the past. The system that was provided by the electrical equipment manufacture meets the requirements of the 2011 National Electric Code and the manufactures requirements to receive a UL listing for its products and the City's specifications. This change will allow the electrical system to meet all of the code and specification requirements while allowing for an isolated shut down of an individual pedestal versus shutting down the main electrical Substation to the individual dock under a ground fault current exceedance of 30ma.

III. JUSTIFICATION:

1. L-Dock
Labor and Materials **\$50,677.65**
 - a) Replacement of 1 each Pedestal type P1 breakers set for 30 ma instantaneous ground fault trip.
 - b) Replacement of 1 each Pedestal type P2 breakers set for 30 ma instantaneous ground fault trip.
 - c) Replacement of 8 each Pedestal type P3 breakers set for 30 ma instantaneous ground fault trip.
 - d) Replacement of 3 each Pedestal type P4 breakers set for 30 ma instantaneous ground fault trip.
 - e) Replacement of 6 each branch circuit breakers in Substation "LB" for pedestal type P5 set for 30 ma 5 sec. delay ground fault trip and installation of an additional 5 ckt. ground fault monitor.
 - f) Replacement of 2 each branch circuit breakers in Substation "LA" for pedestal type P6 set for 30 ma 5sec. delay ground fault trip and installation of an additional 2 ckt. ground fault monitor.
 - g) Replacement of 5 each Pedestal type P7 breakers set for 30 ma instantaneous ground fault trip.

2. C-Dock
Labor and Materials w/exchange credit \$15,070.66
- a) Exchange and replacement of 14 each Pedestal type P3 breakers set for 30 ma instantaneous ground fault trip.
 - b) Exchange and replacement of 1 each Pedestal type P4 breakers set for 30 ma instantaneous ground fault trip.
 - c) Exchange and replacement of 1 each branch circuit breakers in Substation "C" for pedestal type P6 set for 30 ma 5 sec. delay ground fault trip and reconfigure existing GFM.
3. B-Dock
Labor and Materials w/exchange credit \$14,939.89
- a) Exchange and replacement of 6 each Pedestal type P1 breakers set for 30 ma instantaneous ground fault trip.
 - b) Exchange and replacement of 2 each Pedestal type P2 breakers set for 30 ma instantaneous ground fault trip.
 - c) Exchange and replacement of 7 each Pedestal type P3 breakers set for 30 ma instantaneous ground fault trip.
 - d) Exchange and replacement of 1 each Pedestal type P4 breakers set for 30 ma instantaneous ground fault trip.
 - e) Exchange and replacement of 1 each branch circuit breakers in Substation "B" for pedestal type P5 set for 30 ma 5 sec. delay ground fault trip and reconfigure existing GFM.
 - f) Exchange and replacement of 1 each Pedestal type P3 breakers set for 30 ma instantaneous ground fault
4. A Dock (Section AA)
Labor and Materials w/exchange credit \$10,229.98
- a) Exchange and replacement of 9 each Pedestal type P1 breakers set for 30 ma instantaneous ground fault trip.
 - b) Exchange and replacement of 2 each Pedestal type P2 breakers set for 30 ma instantaneous ground fault trip.
 - c) Exchange and replacement of 1 each Pedestal type P4 breakers set for 30 ma instantaneous ground fault trip.
 - d) Exchange and replacement of 1 each branch circuit breakers in Substation "AA" for pedestal type P5 set for 30 ma 5 sec. delay ground fault trip and reconfigure existing GFM.

5. A Dock (Section AB)
Labor and Materials w/exchange credit \$11,984.47
- a) Exchange and replacement of 3 each Pedestal type P3 breakers set for 30 ma instantaneous ground fault
 - b) Exchange and replacement of 3 each branch circuit breakers in Substation "AB" for pedestal type P5 set for 30 ma 5 sec. delay ground fault trip and reconfigure existing GFM
 - c) Exchange and replacement of 3 each Pedestal type P7 breakers set for 30 ma instantaneous ground fault
6. Concrete sidewalk removal **(\$91,070.05)**

This is a contract deduct. The flow calculations for the sanitary pump-out system demonstrated that we will not have to up size the sanitary piping under the sidewalk as such it will not require the removal and replacement of 650 LF of 8 foot wide sidewalk.

1.	L Dock Electrical Modifications	LS	1	\$50,667.65	\$50,677.65
2.	C-Dock Electrical Modifications	LS	1	\$15,070.66	\$15,070.66
3.	B-Dock Electrical Modifications	LS	1	\$14,939.89	\$14,939.89
4.	A-Dock Sec. AA Elect. Mods.	LS	1	\$10,229.98	\$10,229.98
5	A-Dock Sec. AB Elect. Mods.	LS	1	\$11,984.47	\$11,984.47
6.	Removal and replacement of 650 LF of sidewalk	LS	1	(\$91,070.05)	(\$91,070.05)
	CHANGE ORDER TOTAL				\$11,832.60

IV. PAYMENT:

Payment for the above listed items shall be made according to the Agreement. The final change order cost to the City is \$11,832.60 and will be dispersed from the Marina Enterprise Fund Account No. 401-4100-575-63-60.

V. APPROVAL AND CHANGE AUTHORIZATION:

Acknowledgments: The aforementioned change(s), and work effected thereby, is subject to all provisions of the original Agreement not specifically changed by this Change Order; and it is expressly understood and agreed that the approval of this Change Order shall have no effect on the original Agreement other than matters expressly provided herein.

RECOMMENDED BY:

John R. Andrews PE
City Engineer

By: _____
Signature

Date: _____

APPROVED BY: City of Ft. Pierce

By: Mayor Linda Hudson
Signature: _____

Date: _____

ACCEPTED BY:

Contractor: _____

By: _____
Signature

Name: _____

Date: _____

Approved as to Form:

By: _____
City Attorney

END OF CHANGE ORDER

(Change Order No. 1, Page 5 of 5)