



City of
**Lake Worth
Beach**
FLORIDA™

WATER UTILITIES DEPARTMENT
301 COLLEGE STREET
LAKE WORTH BEACH, FL 33460
561.586.1710

CHANGE ORDER

Project Number: NR-1903 Contractor: Foster Marine Contractors, Inc.

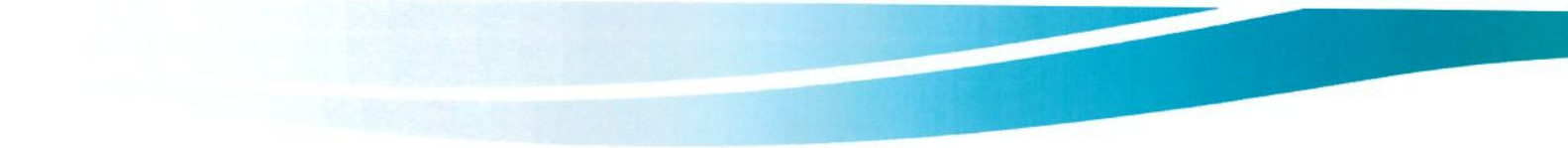
Project Name: District 3, Year 3 Outfall Project

Change Order Number: 1


Change Order Effective Date: _____ Contractor Phone: 561-683-0034

Change Order Type: Time Existing Purchase Order Number: 180351

Description of Change: The project scope was adjusted in Work Directive Change 1 (WDC-1) to reduce the scope of project by deleting and revising contract line items, as shown on attached. The project was then delayed due to pending funding. The project now has funding and the contractor has requested an extra \$15,000 in material cost increases in the two years since the project bid for concrete, steel rebar, formwork lumber, 54" wapro check valve, and reinforced concrete pipe (RCP). This will adjust the contingency line on WDC-1 to add \$15,000 back in from the original contract amount, so no increase in contract price. The contract time will be 150 days to substantial completion and 180 days to final completion.



1	2	3	4	5	6
Item No.	Description	Qty	Unit	Unit Price	Increase In Contract Price
	Total Amount:				\$ _____



Price of Original Contract: \$ 1,221,132.50 (authorized by Commission on April 2, 2019 Agenda Item #9C)

Current Price of Contract (including Change Orders): \$1,221,132.50

Price of Current Change Order: -\$537,562.50

New Contract Price: \$683,570.00

Basis of Price Change: X Unit Price Time & Material Lump Sum

Contract Time Change

X No Change Extended Decreased by work days

The CONTRACTOR and the OWNER agree that this CHANGE ORDER represents the complete agreement of the parties with respect to these matters as of the date of this CHANGE ORDER. By approving this Change Order, the CONTRACTOR releases any and all claims that it may have against the OWNER under the subject contract including, but not limited to claims for equitable adjustments, which occurred or accrued prior to the effective date of this CHANGE ORDER.

This Change Order may be executed in counterparts and is not effective until approved by either the City Manager or City Commission (as designated on the last page of this Change Order).

Reviewed and Accepted by: Foster Marine Contractors Inc
(Contractor Name)

[Signature] vice Pres 2/3/21
Contractor Representative (Signature) Title Date

Approved by: _____ (Department Director) _____ (Date)

IN WITNESS WHEREOF, the OWNER/CITY has approved this Change Order No. ____ to
the _____ Project on _____, 20____.

CITY OF LAKE WORTH BEACH, FLORIDA

ATTEST:

By: _____
Deborah M. Andrea, City Clerk

By: _____
Pam Triolo, Mayor

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL
SUFFICIENCY

By: _____
Glen J. Torcivia, City Attorney

By: _____
Bruce T. Miller, Financial Services Director



Lake Worth, Florida. The Art of Florida Living.™

WATER UTILITIES DEPARTMENT

301 College Street
Lake Worth, FL 33460
561.586.1710

WORK DIRECTIVE CHANGE

Date of Issuance: May 30, 2019 WDC Number: 1
P.O.: 180351
Project Number: NR-1802
Project Name: District 3, Year 3 Outfall Project
Contractor: Foster Marine Contractors, Inc. Contractor Phone: (561) 683-0034
Engineer: Mathews Consulting
Owner (Name, Address): City of Lake Worth Water Utilities

You are directed to proceed promptly with the following Change(s):

Purpose of the work:

Add/delete contract line items and revise quantities as shown on the attached schedule.

Attachments: Contactor's proposal; SOV for line item revisions.

If a claim is made that the above change(s) have affected Contract Price or Contract Time, any claim for a Change Order based thereon will involve one of the following methods of determining the effect of the change(s).

Method of Determining change in Contract Price:

X Time & Materials
 Unit Price as Negotiated
 Cost Plus fixed Fee

Method of Determining change in Contract Time:

 Contractor's Records
X Engineer's Records
 Other

Estimated Increase (decrease) in Contract Price: 0

If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

Estimated Increase (decrease) in Contract Time: 0 Days.

If the change involves an increase, the estimated time is not to be exceeded without further authorization.

Reviewed and Recommended by: [Signature] May 30, 2019
Program Manager Date
Accepted by: [Signature] 5/30/19
Contractor Date
Authorized by: [Signature] 5/12/19
Water Utilities Engineer Date
Authorized by: [Signature] 7/12/19
Water Utilities Director Date



Lake Worth, Florida. The Art of Florida Living.SM

The CONTRACTOR and the OWNER agree that this WORK DIRECTIVE CHANGE represents the complete agreement of the parties with respect to these matters as of the date of this WORK DIRECTIVE CHANGE. By approving this WORK DIRECTIVE CHANGE, the CONTRACTOR releases any and all claims that it may have against the OWNER under the subject contract including, but not limited to claims for equitable adjustments, which occurred or accrued prior to the effective date of this WORK DIRECTIVE CHANGE except those claims made in writing to the OWNER prior to the effective date of this WORK DIRECTIVE CHANGE.

District 3 Outfall Project WDC #1 SOV

ITEM	CONTRACT AWARD				WDC #1 REVISIONS		
	CONTRACT QTY	UNIT	UNIT PRICE	TOTAL	ADD/ADJUST / (DELETE)	REV TOTAL	
					QUANTITY	UNIT PRICE	
GENERAL CONDITIONS							
GC-1	Mobilization & General Conditions	8%	LS	\$ 70,000.00	\$	70,000.00	\$ 70,000.00
GC-2	Site Restoration	5%	LS	\$ 51,000.00	\$	51,000.00	\$ 51,000.00
GC-3	Bonds and Insurance Requirements	2%	LS	\$ 30,000.00	\$	30,000.00	\$ 30,000.00
GC-4	Maintenance of Traffic	1%	LS	\$ 5,000.00	\$	5,000.00	\$ 5,000.00
GC-5	Survey and Site Record Drawings	2%	LS	\$ 15,000.00	\$	15,000.00	\$ 15,000.00
GC-6	Permit Fee Allowance	1	ALLOW	\$ 5,000.00	\$	5,000.00	\$ 5,000.00
GC-7	Pre-construction and Post-construction Video	1	LS	\$ 2,000.00	\$	2,000.00	\$ 2,000.00
GC-8	Trench Safety	1%	LS	\$ 2,000.00	\$	2,000.00	\$ 2,000.00
GC-9	Optional Services	1%	LS	\$ 75,000.00	\$	75,000.00	\$ 75,000.00
GC-9.1	54" RCP, incl. conn. To exist.	0.00	LF	\$ -	\$	8.00	\$ 1,470.00
GC-9.2	Clean, Televis & inspect existing 54" RCP	0.00	LF	\$ -	\$	205.00	\$ 160.00
							\$ -
							\$ -
							\$ -
				\$ 255,000.00			\$ 255,000.00
STORMWATER UTILITIES IMPROVEMENTS							
SW-1	Removal of Existing 24" RCP	20.00	LF	\$ 30.00	\$	600.00	\$ 600.00
SW-2	Grout Fill existing 24" RCP	145.00	LF	\$ 50.00	\$	7,250.00	\$ 7,250.00
SW-3	Install 24" Elliptical Round RCP	165.00	LF	\$ 110.00	\$	18,150.00	\$ 18,150.00
SW-4	Reline Existing 54" RCP	205.00	LF	\$ 615.00	\$	126,075.00	\$ -
SW-5	Point Recalls	5.00	EA	\$ 2,000.00	\$	10,000.00	\$ 10,000.00
SW-6	Suntree Baffle Box 4-12 (Walfesty Drive Outfall)	1.00	EA	\$ 110,000.00	\$	110,000.00	\$ -
SW-7	Suntree Baffle Box 10-20 (18th Ave North Outfall)	1.00	EA	\$ 210,000.00	\$	210,000.00	\$ -
SW-8	USF 4130-6155 Frame and Grate	1.00	EA	\$ 500.00	\$	500.00	\$ 500.00
SW-9	US Precast 4x4 Type D1 Catch Basin	1.00	EA	\$ 9,500.00	\$	9,500.00	\$ 9,500.00
SW-10	Wapro Inline Check Valve (Model #WS590, 316SS)	1.00	EA	\$ 13,500.00	\$	13,500.00	\$ 13,500.00
SW-11	Wapro Inline Check Valve (Model #WS1185, 316SS)	1.00	EA	\$ 57,000.00	\$	57,000.00	\$ 57,000.00
SW-12	Asphalt Millings (4" Compacted Thickness)	285.00	SY	\$ 13.50	\$	3,847.50	\$ -
SW-13	Boilard Replacement	2.00	EA	\$ 3,500.00	\$	7,000.00	\$ 7,000.00
				\$ 573,422.50			\$ 123,500.00
STRUCTURAL IMPROVEMENTS							
S-1	Sheet Piling	4140.00	SF	\$ 63.00	\$	260,820.00	\$ 207,900.00
S-2	Concrete Cap	32.00	CY	\$ 1,600.00	\$	51,200.00	\$ 35,200.00
S-3	Reinforcing Steel for Cap	1.00	TN	\$ 2,500.00	\$	2,500.00	\$ 2,500.00
S-4	Guidesail	175.00	LF	\$ 165.00	\$	28,875.00	\$ 19,635.00
S-5	Removal of Existing Concrete Pavement	20.00	SY	\$ 25.00	\$	500.00	\$ 500.00
S-6	Removal of Existing Concrete Structures	1.00	LS	\$ 19,000.00	\$	19,000.00	\$ 19,000.00
S-7	Riprap-Rubble	100.00	TN	\$ 150.00	\$	15,000.00	\$ 17,250.00
S-8	Protection of Existing Structures	1.00	LS	\$ 7,500.00	\$	7,500.00	\$ 7,500.00
S-9	Turbidity Barrier	175.00	LF	\$ 17.00	\$	2,975.00	\$ 2,975.00
S-10	Vibration Monitoring of Existing Structures	2.00	LS	\$ 3,500.00	\$	7,000.00	\$ 7,000.00
				\$ 395,370.00			\$ 319,460.00
BID ALTERNATE							
A-1	Deductive Sheet Pile Walls	-1.00	LS	\$ 260,820.00	\$	(260,820.00)	\$ (207,900.00)
A-2	Concrete Posts	30.00	EA	\$ 5,180.00	\$	155,400.00	\$ 108,780.00
A-3	Concrete Panels	28.00	EA	\$ 3,870.00	\$	102,760.00	\$ 69,730.00
				\$ (2,880.00)			\$ (28,390.00)
	Total Contract			\$ 1,221,132.50			\$ 868,570.00

- Note: 1) Items GC-9.1 and GC-9.2 to be paid from GC-9, Optional Services
2.) Items SW-4, 6 & 7 are removed from the project scope
3.) Quantity for Item SW-5 will be revised as necessary after televised pipe inspection

**Lake Worth Wellesley and 18th Ave N Outfalls
Reduced Scope Analysis**

Item #	Description	Qty		Unit Price	Total		
GENERAL CONDITIONS							
GC-1	Mobilization / Demobilization	1	LS	70,000.00	\$	70,000.00	
GC-2	Site Restoration	1	LS	51,000.00	\$	51,000.00	
GC-3	Bonds and Insurance	1	LS	30,000.00	\$	30,000.00	
GC-4	Maintenance of Traffic	1	LS	5,000.00	\$	5,000.00	
GC-5	Layout and Weekly As-Built Surveys	1	LS	15,000.00	\$	15,000.00	
GC-6	Permit Fee Allowance	1	Allowance	5,000.00	\$	5,000.00	
GC-7	Professional Video Taping (pre and post construction) and Weekly Progress Photos	1	LS	2,000.00	\$	2,000.00	
GC-8	Trench Safety Act Compliance	1	LS	2,000.00	\$	2,000.00	
						Residual Amount	
GC-9	Optional Services	1	LS	75,000.00	\$	30,440.00	
SW-4	Reline Existing 54" RCP Install 8" on new pipe at new Seawall / In-line Valve; Connect to Existing w/collar per FDOT Index 280	8	LF	1,470.00	\$	11,760.00	
SW-4	Reline Existing 54" RCP Clean, TV and Inspect existing Pipe	205	LF	160.00	\$	32,800.00	
SW-5	Point Repairs w/ no relining...Quantity / Scope / Price TBD after Video Inspection is completed and reviewed with City	?	Ea	TBD	\$	-	
					GENERAL CONDITIONS TOTAL	\$	255,000.00
STORMWATER UTILITIES IMPROVEMENTS							
SW-1	24" Drainage pipe removal	20	LF	30.00	\$	600.00	
SW-2	Grout Fill Existing 24" Drainage Pipe	145	LF	50.00	\$	7,250.00	
SW-3	24" Elliptical Round RCP (Class III)	165	LF	110.00	\$	18,150.00	
SW-4	Reline Existing 54" RCP (TV, Clean and Inspect Pipe; 1 new Joint of Pipe on back side of seawall included in this Pay item)	0	LF	615.00	\$	-	
SW-5	Point Repairs ...(Dewatering and Excavation costs included in PCD Line Item (SW-7); and Relining of Pipe (SW-4	5	Ea	2,000.00	\$	10,000.00	
SW-6	Suntree Baffle Box 6x12 (Wellesley Dr)	0	EA	110,000.00	\$	-	
SW-7	Suntree Baffle Box 10x20 (18th Ave N Outfall)	0	EA	210,000.00	\$	-	
SW-8	USF 4130-6155 Frame and Grate	1	EA	500.00	\$	500.00	
SW-9	4' x 4' Type C Inlet w/apron, Curb Tie-in and Asphalt Patching	1	EA	9,500.00	\$	9,500.00	
SW-10	Wapro Inline Check Valve (Model#WS590, 316SS	1	EA	13,500.00	\$	13,500.00	
SW-11	Wapro Inline Check Valve (Model#W1185, 316SS	1	EA	57,000.00	\$	57,000.00	
SW-12	Asphalt Millings	0	SY	13.50	\$	-	
SW-13	Bollard Replacement	2	Locations	3,500.00	\$	7,000.00	
					STORMWATER UTILITIES IMPROVEMENTS TOTAL	\$	123,500.00

**Lake Worth Wellesley and 18th Ave N Outfalls
Reduced Scope Analysis**

Item #	Description	Qty		Unit Price	Total
STRUCTURAL IMPROVEMENTS					
S-1	Sheet Piling	3,300	SF	63.00	\$ 207,900.00
S-2	Concrete Cap	22	CY	1,600.00	\$ 35,200.00
S-3	Reinforcing Steel for Cap	1	TN	2,500.00	\$ 2,500.00
S-4	Gulderail	119	LF	165.00	\$ 19,635.00
S-5	Removal of Existing Concrete Pavement	20	SY	25.00	\$ 500.00
S-6	Removal of Existing Concrete Structures	1	LS	19,000.00	\$ 19,000.00
S-7	Rip Rap - Rubble	115	TN	150.00	\$ 17,250.00
S-8	Protection of Existing Structures	1	LS	7,500.00	\$ 7,500.00
S-9	Turbidity Barrier	175	LF	17.00	\$ 2,975.00
S-10	Vibration Monitoring of Existing Structures	2	LS	3,500.00	\$ 7,000.00
STRUCTURAL IMPROVEMENTS TOTAL					\$319,460.00
BID ALTERNATE 1					
A1	Deductive Sheet Pile Walls	-1	LS	207,900.00	\$ (207,900.00)
A2	Concrete Posts	21	EA	5,180.00	\$ 108,780.00
A3	Concrete Panels	19	EA	3,670.00	\$ 69,730.00
SUBTOTAL ALTERNATE 1					\$29,390.00

Reduced Scope Contract Amount \$668,570.00

