



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

CHANGE ORDER

Project Number: RS1801 **Contractor:** B&B Underground Construction, Inc.

Project Name: Lift Station Nos. 12 and 14 Improvements

Change Order Number: 01

Change Order Effective Date: 4/13/21 **Contractor Phone:** 561-249-0341

Change Order Type: Increase **Existing Purchase Order Number:** 182596

Description of Change:

1. WDC 01 for revisions to driveway construction and layout to accommodate change in grade elevation.
 2. WDC 02 for waterproofing of an existing meter vault that was leaking.
 3. Additional compensation for the additional work required beyond what was included in WDC 02 to stop the leaks and waterproof the meter vault.
 4. Rerouting and connection of an existing sewer service lateral that was thought to be inactive and originally shown to be cut and capped.
 5. Installation of larger pipe support brackets for discharge riser piping in wet well.
 6. Reallocation of available funds from line-item underruns.
-

1	2	3	4	5	6	7
Item No.	Description	Qty	Unit	Unit Price	Increase In Contract Price	Increase in Contract Days
1	WDC 01 – LS 12 Driveway Revision	1	LS	\$15,153.00	\$15,153.00	15
2	WDC 02 – Waterproofing Existing Vault	1	LS	\$5,001.00	\$5,001.00	2
3	Additional Waterproofing of Existing Vault	1	LS	\$10,649.00	\$10,649.00	2
4	Sewer Lateral	1	LS	10,316.00	10,316.00	2
5	Pipe Supports	1	LS	\$11,907.00	\$11,907.00	2
6	Reallocation of Contract Funds	1	LS	(\$4,783.00)	(\$4,783.00)	
	Total Amount:				<u>\$ 48,243.00</u>	<u>23</u>

Price of Original Contract: \$570,940.00 authorized by Commission on 3/19/2020 Agenda Item Consent G.

Current Price of Contract (including Change Orders): \$862,280.00

Price of Current Change Order: \$48,243.00

New Contract Price: \$910,523.00

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

Contract Time Change

 No Change X Extended Decreased by 23 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: B&B Underground Construction, Inc.
(Contractor Name)


Contractor Representative (Signature)

PRES
Title

15 APRIL 2021
Date

Approved by:


Water Department Director

Brian Shields
2021.04.23 14:38:44
-04'00'

4/23/2021
(Date)

IN WITNESS WHEREOF, the OWNER/CITY has approved this Change Order No. 1 to the Lift Station Nos. 12 and 14 Improvements Project on _____, 20____.

CITY OF LAKE WORTH BEACH, FLORIDA

ATTEST:

By: _____
Deborah M. Andrea, City Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

By: _____
Glen J. Torcivia, City Attorney

By: _____
Betty Resch, Mayor

APPROVED FOR FINANCIAL
SUFFICIENCY

By: _____
Bruce T. Miller, Financial Services Director



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

WORK DIRECTIVE CHANGE

WDC Number: 01
Date of Issuance: 1/14/2021 P.O.: 182596
Project Number: RS1801
Project Name: Lift Stations Nos. 12 & 14 Improvements
Contractor: B&B Underground Construction, Inc.
Engineer: Holtz Consulting Engineers, Inc.
Owner (Name, Address): City of Lake Worth Beach

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

Purpose of the work:

- 1) Installation of lift station concrete pad footer as shown on revised plan sheet C-3 and revised plan sheet C-4.
- 2) Installation of asphalt and concrete driveway as shown on revised plan sheet C-3.

Attachments: Revised Plan Sheets C-3 and C-4 prepared by Holtz Consulting Engineers, Inc.
Change Order Proposal No. 4 prepared by B&B Underground Construction, Inc.

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:

 Time & Materials
 Unit Price as Negotiated
 Cost Plus Fixed Fee

Estimated Increase (decrease) in Contract Price: \$15,153.00

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

Method of Determining change in Contract Price:

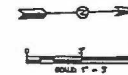
 Contractor's Records
 Engineer's Records
 X Other (attached
change order proposal No. 4)

Estimated Increase (decrease) in Contract Time: 15 Day(s).

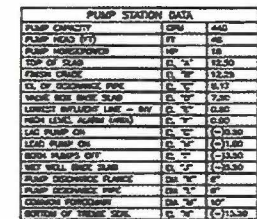
If the change involves an increase, the estimated time is not to be exceeded without further authorization.

Reviewed and Recommended by: [Signature] 1/14/21
Engineer of Record Date
Accepted by: [Signature] 1/15/21
Contractor Date
Authorized by: [Signature] 1/21/21
Lake Worth Beach Engineer Date
Authorized by: [Signature] 1/21/21
Water Utilities Director Date

City of Lake Worth	DESCRIPTION				
	Lift Station No. 12 Install New Footer on North Edge of Slab and Driveway				
Extra Item No. 004					
Labor Requirements	Qty	Regular Hr	Overtime Hr	Labor Rate*	Amount
Superintendent	1.00	5.00	0.00	\$100.00	\$500.00
Foreman	1.00	10.00	0.00	\$70.00	\$700.00
Operator	2.00	10.00	0.00	\$51.28	\$1,025.20
Pipe Fitter	0.00	10.00	0.00	\$34.36	\$0.00
Laborer	4.00	10.00	0.00	\$31.18	\$1,247.20
CDL Driver	1.00	10.00	0.00	\$44.56	\$445.63
* Labor Rate Includes Burden					
Sub Total :					\$3,918.03
Equipment Requirements	Qty	Rate/hr	Fuel/Maintenance	Duration	Amount
Cat 305 Mini Excavator	1.00	\$63.21	\$12.64	10.00	\$758.52
JD 544 Loader	1.00	\$57.62	\$11.52	10.00	\$691.44
3" Pump & Hoses	0.00	\$9.75	\$1.95	10.00	\$0.00
Dump Truck	1.00	\$48.29	\$9.66	10.00	\$579.48
Misc. Tools & small equipment	1.00	\$6.44	\$1.29	10.00	\$77.28
Foreman's Transportation F-250 Pick-Up Truck	1.00	\$11.12	\$2.22	10.00	\$133.44
Superintendent's Transportation 2500 HD	1.00	\$11.12	\$2.22	5.00	\$66.72
Welding Truck	1.00	\$54.11	\$10.82	10.00	\$649.32
Ford Sweeper	0.00	\$23.45	\$4.69	10.00	\$0.00
* Rates are based on Blue Book Monthly rates divided by 176 for hourly rate					\$2,956.20
Material Requirements	Qty	Unit	Rate		Amount
Longer Fence Posts to Protect during footer	8.00	Ea	\$250.00		\$2,000.00
Asphalt	10.00	Tons	\$82.22		\$822.20
Crushed Concrete	32.00	CY	\$28.22		\$903.04
No. 5 Rebar	210.00	Lbs	\$1.85		\$388.50
Concrete	5.20	CY	\$200.00		\$1,040.00
Form Boards (add'l for footer 12" x 16")	144.00	BFT	\$5.83		\$839.52
Sub Total :					\$5,993.26
Subcontractor Requirements	Qty	Unit	Rate		Amount
					\$0.00
Sub Total :					\$0.00
Misc. Requirements	Qty	Unit	Rate	Duration (hrs)	Amount
					\$0.00
Sub Total :					\$12,867.49
Increased Bond& Insurance				2.40%	\$309
Overhead				15%	\$1,976
TOTAL DIRECT COST :					\$15,153
Contract Time Extension				Days	15.00
Remarks					
Install new pavement driveway and footer as shown of Plan revision dated 12/7/2020 and 12/29/2020.					




- [illegible]




1. CONCRETE FOR FLOOR SLAB AND THOME SEAL SHALL BE 4000 PSI.
2. MINIMUM OF THREE (3) "X" KEYWAYS REQUIRED WITH THE TOP KEY WAY CENTERED IN THE FLOOR SLAB.
3. EIGHT (8) REINFORCING STRAPS SHALL BE REQUIRED AT EACH JOINT WITH FOUR (4) 1/2" WEDGE ANCHOR BOLTS PER STRAP.

HOLTZ CONSULTING ENGINEERS, INC.
HCE 279 SOUTH CENTRAL BLVD., SUITE 327
 JUPITER, FLORIDA 33458
 PH. (561) 575-2005 Fax. No. 20000

C-4



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.





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

WORK DIRECTIVE CHANGE

WDC Number: 02
Date of Issuance: 1/14/2021 P.O.: 182596
Project Number: RS1801
Project Name: Lift Stations Nos. 12 & 14 Improvements
Contractor: B&B Underground Construction, Inc.
Engineer: Holtz Consulting Engineers, Inc.
Owner (Name, Address): City of Lake Worth Beach

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

Purpose of the work:

- 1) Complete waterproofing/leak repair of existing meter vault as described in the attached Change Order Proposal No. 3.

Attachments: Change Order Proposal No. 3 prepared by B&B Underground Construction, Inc.

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:

 Time & Materials
 Unit Price as Negotiated
 Cost Plus Fixed Fee

Method of Determining change in Contract Price:

 Contractor's Records
 Engineer's Records
 X Other (attached
change order proposal No. 3)


Estimated Increase (decrease) in Contract Price: \$5,001.00

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


Estimated Increase (decrease) in Contract Time: 2 Day(s).

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

Reviewed and Recommended by: [Signature] 1/14/21
Engineer of Record Date
Accepted by: [Signature] 1/15/21
Contractor Date
Authorized by: [Signature] 1/21/21
Lake Worth Beach Engineer Date
Authorized by: [Signature] 1/21/21
Water Utilities Director Date



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.



City of Lake Worth		DESCRIPTION			
		Lift Station No. 12 College Meter Pit Water Proofing			
Extra Item No. 003					
Labor Requirements	Qty	Regular Hr	Overtime Hr	Labor Rate*	Amount
Superintendent	1.00	5.00	0.00	\$100.00	\$500.00
Foreman	1.00	10.00	0.00	\$70.00	\$700.00
Operator	1.00	10.00	0.00	\$51.26	\$512.60
Pipe Fitter	0.00	10.00	0.00	\$34.36	\$0.00
Laborer	4.00	10.00	0.00	\$31.18	\$1,247.20
		* Labor Rate Includes Burden			
Sub Total :					\$2,959.80
Equipment Requirements	Qty	Rate/hr	Fuel/Maintenance	Duration	Amount
John Deere 50 Mini Excavator	0.00	\$63.21	\$12.64	10.00	\$0.00
3" Pump & Hoses	0.00	\$9.75	\$1.95	10.00	\$0.00
Dump Truck	0.00	\$48.29	\$9.66	10.00	\$0.00
Misc. Tools & small equipment	1.00	\$6.44	\$1.29	10.00	\$77.28
Foreman's Transportation F-250 Pick-Up Truck	1.00	\$11.12	\$2.22	10.00	\$133.44
Superintendent's Transportation 2500 HD	1.00	\$11.12	\$2.22	5.00	\$66.72
Welding Truck	0.00	\$54.11	\$10.82	10.00	\$0.00
Ford Sweeper	0.00	\$23.45	\$4.69	10.00	\$0.00
					\$277.44
* Rates are based on Blue Book Monthly rates divided by 176 for hourly rate					
Material Requirements	Qty	Unit	Rate		Amount
A330 Liquid Chemical Grout	5.00	Gal	\$162.64		\$813.20
Grout Tubes	10.00	Ea	\$19.65		\$196.45
Sub Total :					\$1,009.65
Subcontractor Requirements	Qty	Unit	Rate		Amount
Sub Total :					\$0.00
Misc. Requirements	Qty	Unit	Rate	Duration (hrs)	Amount
Sub Total :					\$0.00
					\$4,246.89
Increased Bond& Insurance				2.40%	\$102
Overhead				15%	\$652
TOTAL DIRECT COST :					\$5,001
Contract Time Extension				Days	2.00
Remarks					

City of Lake Worth		DESCRIPTION			
		Waterproofing Meter Pit (Chemical Gouting Failed)			
Extra Item No. 005					
Labor Requirements	Qty	Regular Hr	Overtime Hr	Labor Rate*	Amount
Superintendent	1.00	0.00	0.00	\$100.00	\$0.00
Foreman	1.00	0.00	0.00	\$70.00	\$0.00
Operator	1.00	0.00	0.00	\$51.26	\$0.00
Pipe Fitter	0.00	0.00	0.00	\$34.36	\$0.00
Laborer	4.00	0.00	0.00	\$31.18	\$0.00
* Labor Rate Includes Burden					
Sub Total :					\$0.00
Equipment Requirements	Qty	Rate/hr	Fuel/Maintenance	Duration	Amount
John Deere 50 Mini Excavator	0.00	\$63.21	\$12.64	0.00	\$0.00
3" Pump & Hoses	0.00	\$9.75	\$1.95	0.00	\$0.00
Dump Truck	0.00	\$48.29	\$9.66	0.00	\$0.00
Misc. Tools & small equipment	1.00	\$6.44	\$1.29	6.00	\$0.00
Foreman's Transportation F-250 Pick-Up Truck	1.00	\$11.12	\$2.22	6.00	\$0.00
Superintendent's Transportation 2500 HD	1.00	\$11.12	\$2.22	2.00	\$0.00
8" Well point System	1.00	\$54.11	\$10.82	72.00	\$4,675.10
Ford Sweeper	0.00	\$23.45	\$4.69	10.00	\$0.00
* Rates are based on Blue Book Monthly rates divided by 176 for hourly rate					\$4,675.10
Material Requirements	Qty	Unit	Rate		Amount
Sub Total :					\$0.00
Subcontractor Requirements	Qty	Unit	Rate		Amount
Foster Marine Contractors	1.0	LS	\$4,368.00		\$4,368.00
Sub Total :					\$4,368.00
Misc. Requirements	Qty	Unit	Rate	Duration (hrs)	Amount
Sub Total :					\$0.00
					\$9,043.10
Increased Bond & Insurance				2.40%	\$217
Overhead				15%	\$1,389
TOTAL DIRECT COST :					\$10,649
Contract Time Extension				Days	2.00
Remarks					



FOSTER MARINE CONTRACTORS, INC.

3180 FAIRLANE FARMS ROAD, SUITE 1

WELLINGTON, FLORIDA 33414

561-683-0034 PHONE

561-683-0335 FAX

Invoice

Date	Invoice #
2/16/2021	0121-01B

Bill To
B & B Underground 4050 Westgate Ave Suite 110 West Palm Beach, FL 33409

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P.O. No.	Terms	Project
	Net 15	

Quantity	Description	U/M	Rate	Amount
	Sewpercoat Application 1" Thick - Valve Vault 5x4x5		4,368.00	4,368.00
	Sales Tax		7.00%	0.00
<div>ENTERED 6710/22003</div>			Total	\$4,368.00
			Payments/Credits	\$0.00
			Balance Due	\$4,368.00

City of Lake Worth		DESCRIPTION			
Extra Item No. 002		Lift Station No. 12 Install Sewer Lateral from Ball Fields to New Manhole Ommitted in the design phase (Revised)			
Labor Requirements	Qty	Regular Hr	Overtime Hr	Labor Rate*	Amount
Superintendent	1.00	5.00	0.00	\$100.00	\$500.00
Foreman	1.00	10.00	0.00	\$70.00	\$700.00
Operator	2.00	10.00	0.00	\$51.26	\$1,025.20
Pipe Fitter	1.00	10.00	0.00	\$34.36	\$343.60
Laborer	4.00	10.00	0.00	\$31.18	\$1,247.20
* Labor Rate Includes Burden					
Sub Total :					\$3,816.00
Equipment Requirements	Qty	Rate/hr	Fuel/Maintenance	Duration	Amount
Cat 305 Mini Excavator	1.00	\$63.21	\$12.64	10.00	\$758.52
JD 544 Loader	1.00	\$57.62	\$11.52	10.00	\$691.44
3" Pump & Hoses	1.00	\$9.75	\$1.95	10.00	\$117.00
Dump Truck	0.00	\$48.29	\$9.66	10.00	\$0.00
Misc. Tools & small equipment	1.00	\$6.44	\$1.29	10.00	\$77.28
Foreman's Transportation F-250 Pick-Up Truck	1.00	\$11.12	\$2.22	10.00	\$133.44
Superintendent's Transportation 2500 HD	1.00	\$11.12	\$2.22	5.00	\$66.72
Welding Truck	0.00	\$54.11	\$10.82	10.00	\$0.00
Ford Sweeper	0.00	\$23.45	\$4.69	10.00	\$0.00
* Rates are based on Blue Book Monthly rates divided by 176 for hourly rate					\$1,844.40
Material Requirements	Qty	Unit	Rate		Amount
Ferguson	1.00	LS	\$162.13		\$162.13
Sub Total :					\$162.13
Subcontractor Requirements	Qty	Unit	Rate		Amount
American Underground (Repair Lining)	1.0	LS	\$2,500.00		\$2,500.00
ABC Concrete Coring	1.0	Ea	\$437.50		\$437.50
Sub Total :					\$2,937.50
Misc. Requirements	Qty	Unit	Rate	Duration (hrs)	Amount
Sub Total :					\$0.00
					\$8,760.03
Increased Bond & Insurance				2.40%	\$210
Overhead				15%	\$1,346
TOTAL DIRECT COST :					\$10,316
Contract Time Extension				Days	2.00
Remarks Install new sewer lateral into Manhole. This lateral will pickup the existing lateral which provides flow from the baseball field's restrooms and Kitchen					

OK

City of Lake Worth	DESCRIPTION				
	Lift Station No. 12 Metal Brackets for Pipe Supports with Hardware & piping Flanges				
	Updated 2/10/21				
Extra Item No. 001 Revised					
Labor Requirements	Qty	Regular Hr	Overtime Hr	Labor Rate*	Amount
Superintendent	1.00	0.00	0.00	\$100.00	\$0.00
Foreman (Taurino)	1.00	9.00	0.00	\$70.00	\$630.00
Welder (Steve Calim)	1.00	18.00	0.00	\$51.26	\$922.68
Pipe Fitter (Edgar)	1.00	9.00	0.00	\$34.36	\$309.24
Laborer (Omar, Mickey, Rocky)	4.00	9.00	0.00	\$31.18	\$1,122.48
	* Labor Rate Includes Burden				
Sub Total :					\$2,984.40
Equipment Requirements	Qty	Rate/hr	Fuel/Maintenance	Duration	Amount
John Deere 50 Mini Excavator	0.00	\$63.21	\$12.64	0.00	\$0.00
3" Pump & Hoses	0.00	\$9.75	\$1.95	0.00	\$0.00
Dump Truck	0.00	\$48.29	\$9.66	0.00	\$0.00
Misc. Tools & small equipment	1.00	\$6.44	\$1.29	18.00	\$139.10
Foreman's Transportation F-250 Pick-Up Truck	1.00	\$11.12	\$2.22	18.00	\$240.19
Superintendent's Transportation 2500 HD	1.00	\$11.12	\$2.22	9.00	\$120.10
Welding Truck	1.00	\$54.11	\$10.82	18.00	\$1,168.78
Ford Sweeper	0.00	\$23.45	\$4.69	0.00	\$0.00
* Rates are based on Blue Book Monthly rates divided by 176 for hourly rate					\$1,668.17
Material Requirements	Qty	Unit	Rate		Amount
Stainless Steel Hardware (nuts, Bolts, washers)	1.00	LS	\$612.13		\$612.13
Neoprene	1.00	LS	\$106.34		\$106.34
Sub Total :					\$718.47
Subcontractor Requirements	Qty	Unit	Rate		Amount
Ultimate Fabrication & Welding	1.0	LS	\$4,946.17		\$4,946.17
Sub Total :					\$4,946.17
Misc. Requirements	Qty	Unit	Rate	Duration (hrs)	Amount
Credit (SS All thread for clamps as Designed)	-2.00	Pcs	\$52.38		(\$104.76)
Credit 2x2x0.25 SS Angle	-1.00	Pcs	\$101.00		(\$101.00)
					(\$205.76)
Sub Total :					\$10,111.45
			Increased Bond& Insurance	2.40%	\$243
			Overhead	15%	\$1,553
			TOTAL DIRECT COST :		\$11,907
			Contract Time Extension	Days	2.00
Remarks					
Create and Mount Pipe Brackets not included in Original Design.					
Initial Estimate was reject by Engineer of Record. Actual cost and time sheets utilized in completing this cost breakdown.					
Work was performed on October 27, 2020 to October 29, 2020.					