



Change Order

No.: 007

PROJECT: Wellfield Rehabilitation Phase 2

DATE OF ISSUANCE: November 13, 2019

OWNER: Village of Wellington

OWNER'S PROJECT NO.: Well 24

CONTRACTOR:

Florida Design Drilling Corp
7733 Hopper Road
West Palm Beach, FL 33411
(561) 371-9985

Phase II Wellfield Rehabilitation

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

Description: Remove existing 20" diameter steel well casing which is set at 61' and replace with 24" diameter steel casing set to approximately 73'. Fabricate 24"x20" reducer for existing wellhead. Reinstall existing 12" screen and riser.

Purpose: Reconstruct and Overdrill Well 24

Attachments: Florida Design Drilling Cost Proposal Dated November 13, 2019 Attached

CHANGE IN CONTRACT PRICE

CHANGE IN CONTRACT TIME

Original Contract Price

\$450,000.00

Original Contract Time

414
days or date

Previous Change Order (None)

\$296,814.05

Net change from previous Change Orders

163
days

Contract Price prior to this Change Order

\$746,814.05

Contract Time prior to this Change Order

577
days or date

Net increase/decrease of this Change Order

\$94,250.00

Net increase/decrease of this Change Order

73
days

Contract Price with all approved Change Orders

\$841,064.05

Contract Time with all approved Change Orders

650
days or date

APPROVED:

by _____

Assistant Village Manager

APPROVED:

by  _____

Utility Director

APPROVED:

by _____

Contractor



November 13, 2019

To: Shannon LaRocque, P.E.
Utility Director
Village of Wellington
12300 Forest Hill Blvd
Wellington, FL 33414

Project: Village of Wellington

Subject: Well 24 Overdrill Reconstruct Cost Proposal

We are pleased to offer this estimate to furnish all labor, equipment, and materials to perform removal of the existing 20" diameter steel well casing which is set at 61' and replace with 24" diameter steel casing set to approximately 73'. The new 24" diameter steel casing will be cemented in place. The existing 12" diameter screen/riser will be removed and reinstalled during this process along with the other well rehabilitation services identified on the attached cost proposal sheets. We will install a 24"x20" steel concentric reducer at surface in order to allow for the existing wellhead to be remain in place after reconstruction and testing is completed.

Sincerely,

Mike Black
Vice President
Florida Drilling
561.371.9985
mike@fldrilling.com

7733 Hooper Road, West Palm Beach, FL 33411
www.FLDrilling.com
Phone: 561-844-2966 Fax: 561-844-2967
State of Florida Water Well Contractor #11148
State of Florida Certified General Contractor CGC1522104

EXHIBIT A
WELLINGTON SAS WELL REHABILITATION - PROPOSED SERVICES

Well 24 Overdrill / Reconstruct Original Items

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE	Actual Units Install to Date	Actual Completed to Date		CONTRACT TIME (DAYS)
1	Traffic Control	1	Ea.	\$1,000.00	\$1,000.00	0	\$0.00		1
3	Specific Capacity Test before or after rehabilitation	2	Ea.	\$500.00	\$1,000.00	1	\$500.00		1
5	Step Drawdown Test	1	Ea.	\$1,000.00	\$1,000.00	0	\$0.00		7
8	Remove and Reinstall Fencing to original condition	1	Ea.	\$500.00	\$500.00	0.5	\$250.00		
9	Remove Surficial Wellhead, column pipe, and well pump with motor and accessories	1	Ea.	\$2,500.00	\$2,500.00	1	\$2,500.00		2
10	Reinstall Surficial Wellhead column pipe, and well pump with motor and accessories	1	Ea.	\$2,500.00	\$2,500.00	0	\$0.00		2
11	360 Degree Color Video with triplicate DVD's including contractor pump	2	Ea.	\$2,500.00	\$5,000.00	2	\$5,000.00		2
14	Chemical Treatment - Chlorine	1	Ea.	\$1,500.00	\$1,500.00	0	\$0.00		2
15	Acidize Well - 1,000 gal. 15% HCL	1.24	Ea.	\$25,000.00	\$31,000.00	0	\$0.00		10
22	Parts Supplies by Contractor without Contractors Markup (Replace Well Pad)	1	Lump			0	\$0.00		
22A	Contractor's markup on parts under bid item 22	5000	Ea.	\$0.15	\$750.00	0	\$0.00		
25	Mud Well, Remove Exst. Inner Casing/Screen, Riser & Gravel Pack	1	Ea.	\$40,000.00	\$40,000.00	1	\$40,000.00		21
26	Furnish 12" Diameter 3:61 SS Well Screen 30 In 100 Slot	60	ft.	\$250.00	\$15,000.00	50	\$12,500.00		30
27	Furnish 12" Diameter Certalok Riser	60	ft.	\$150.00	\$9,000.00	75	\$11,250.00		14
28	Install Well Screen & Riser	1	Ea.	\$5,000.00	\$5,000.00	1	\$5,000.00		7
29	Furnish & Install Gravel Pack	115	CF	\$25.00	\$2,875.00	202.5	\$5,062.50		7
30	Well Development Pump - 2,000 to 3,000 gpm	150	Hour	\$250.00	\$37,500.00	202	\$50,500.00		14
31	Well Development & Redevelopment - Air Lift 600 - 750 CFM	100	Hour	\$250.00	\$25,000.00	98	\$24,500.00		21
32	Disposal of Development Water	1	Ea.	\$2,500.00	\$2,500.00	1	\$2,500.00		
33	Disposal of Development Solids	1	Ea.	\$2,500.00	\$2,500.00	1	\$2,500.00		
34	Furnish & Install 1" PVC Sealing Well - 60' to 80'	1	Ea.	\$2,500.00	\$2,500.00	0	\$0.00		
42	Disinfect Well - Health Dept. Clearance	1	Ea.	\$2,000.00	\$2,000.00	0	\$0.00		2
43	BACT Health Dept. Clearance	10	Ea.	\$150.00	\$1,500.00	0	\$0.00		20
44	Contingency	0	Ea.	\$0.00	\$0.00	0	\$0.00		
Total					\$202,625.00		\$162,062.50		163

Well 24 Overdrill / Reconstruct Additional Items									
3	Specific Capacity Test before or after rehabilitation	1	Ea.	\$500.00	\$ 500.00	2	\$ -	\$ 500.00	1
11	360 Degree Color Video with trial case DVD's including contractor pump	1	Ea.	\$2,500.00	\$ 2,500.00	1	\$ -	\$ 2,500.00	2
22	Parts Supplies by Contractor without Contractor's Markup (2 1/2" casing and 2 1/2" x 20" concentric reducer)	1	Lump	\$5,000	\$ 5,000.00	1	\$ -	\$ 5,000.00	
22A	Contractor's markup on parts under bid item 22	5000	Ea.	\$0.15	\$ 750.00	5000	\$ -	\$ 750.00	
25	Mud Well, Remove Exist. Inner Casing/Screen, Riser & Gravel Pack	u.s.	Ea.	\$10,000.00	\$ 32,000.00	0.8	\$ -	\$ 32,000.00	21
28	Install Well Screen & Riser	1	Ea.	\$3,000.00	\$ 3,000.00	1	\$ -	\$ 3,000.00	7
29	Furnish & Install Gravel Pack	202.5	CF	\$28.00	\$ 5,662.50	202.5	\$ -	\$ 5,662.50	7
30	Well Development Pump - 2,000 to 3,000 gpm	150	Hour	\$250.00	\$ 37,500.00	150	\$ -	\$ 37,500.00	34
31	Well Development & Redevelopment - Airlift 600 - 750 CFM	100	Hour	\$250.00	\$ 25,000.00	100	\$ -	\$ 25,000.00	31
Proposed Additional Work					\$113,312.50			\$113,312.50	73
Net Completed, Remaining, and Proposed Total Work								\$196,875.00	236
Net Amount Required above that Previously Authorized for Well 24								\$84,250.00	