



Change Order

No.: 005

PROJECT: Wellfield Rehabilitation Phase II

DATE OF ISSUANCE: July 30, 2019

OWNER: Village of Wellington

OWNER'S PROJECT NO.: CUT18011.3

CONTRACTOR:

Florida Design Drilling Corp

7733 Hopper Road

West Palm Beach, FL 33411

(561) 371-9985

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

Description: Relocation of Well 3 from the Boys and Girls Club onto the WTP Site

Purpose: Drill new Well and Relocate Mechanical Equipment

Attachments: Florida Design Drilling Cost Proposal Dated July 25, 2019

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)

\$202,625.00

Net change from previous Change Orders

163

days

Contract Price prior to this Change Order

\$652,625.00

Contract Time prior to this Change Order

577

days or date

Net increase/decrease of this Change Order

\$94,189.05

Net increase/decrease of this Change Order

3

days

Contract Price with all approved Change Orders

\$746,814.05

Contract Time with all approved Change Orders

580

days or date

APPROVED:

by _____

Assistant Village Manager

APPROVED:

by _____

Utility Director

APPROVED:

by _____

Contractor



July 25, 2019

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

Project: Village of Wellington

Subject: Well R3R (Replacement) Cost Proposal

We are pleased to offer this estimate to furnish all labor, equipment, and materials to perform construction and testing of replacement well R3R.

The well replacement costs below for the new well include:

- Pilot hole
- Geophysical logging
- Updating well casing to 20" diameter PVC
- Well slab similar to existing R3 slab
- New 12" diameter 90 slot SS well screen and PVC riser
- All development and testing
- Moving the discharge arrangement and electrical panels from R3 to R3R
- Plugging and abandonment of existing well R3

It is our understanding that FDD will install the pump/column/wellhead and above ground piping. Also set the electrical panel. The Village will pull and wire the panels and tie into the raw water line.

EXHIBIT A						
WELLINGTON SAS WELL REHABILITATION - PROPOSED SERVICES						
Well R3R						
ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE	CONTRACT TIME (DAYS)
5	Step Drawdown Test	1	Ea.	\$1,000.00	\$1,000.00	7
8	Remove and Reinstall Fencing to original condition	1	Ea.	\$500.00	\$500.00	1

7733 Hooper Road, West Palm Beach, FL 33411
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State of Florida Water Well Contractor #11148
State of Florida Certified General Contractor CGC1522104



9	Remove Surficial Wellhead, column pipe, and well pump with motor and accessories	1	Ea.	\$2,500.00	\$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	2
11	360 Degree Color Video with triplicate DVD's including contractor pump	1	Ea.	\$2,500.00	\$2,500.00	2
19	Drill Rig w/ Crew	200	Hour	\$500.00	\$100,000.00	20
20	Two Man Crew w/ Crane (to relocate piping and panels)	16	Hour	\$400.00	\$6,400.00	2
21	Each Additional Crew Member (to relocate piping and panels)	16	Hour	\$50.00	\$800.00	0
22	Parts Supplies by Contractor without Contractors Markup (New well pad, 24" Steel Pit casing, 20" Sch 40 PVC Well Casing and 20" Vanstone flange, pilot hole geophysical logging: caliper/gamma/dua-induction/spontaneous potential/Borehole Compendated Sonic)	1	Lump	\$19,447	\$19,447.00	0
22A	Contractor's markup on parts under bid item 22	19447		\$0.15	\$2,917.05	0
23	Well Abandonment	1	Ea.	\$5,000.00	\$5,000.00	2
24	Neat Cement for Well Abandonment	7	CY	\$500.00	\$3,500.00	0
26	Furnish 12" Diameter 316L SS Well Screen 30 to 100 Slot	50	Ft.	\$250.00	\$12,500.00	30
27	Furnish 12" Diameter Certalok Riser	75	Ft.	\$150.00	\$11,250.00	14
28	Install Well Screen & Riser	1	Ea.	\$5,000.00	\$5,000.00	7
29	Furnish & Install Gravel Pack	115	CF	\$25.00	\$2,875.00	7
30	Well Development Pump - 2,000 to 3,000 gpm	150	Hour	\$250.00	\$37,500.00	14

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31	Well Development & Redevelopment - Airlift 600 - 750 CFM	100	Hour	\$250.00	\$25,000.00	21
32	Disposal of Development Water	1	Ea.	\$2,500.00	\$2,500.00	0
33	Disposal of Development Solids	1	Ea.	\$2,500.00	\$2,500.00	0
34	Furnish & Install 1" PVC Stilling Well - 60' to 80'	1	Ea.	\$2,500.00	\$2,500.00	0
42	Disinfect Well - Health Dept. Clearance	1	Ea.	\$2,000.00	\$2,000.00	2
43	BACT Health Dept. Clearance	10	Ea.	\$150.00	\$1,500.00	20
44	Contingency	0	Ea.	\$0.00	\$0.00	0
R3R Total					\$252,189.05	153
Well R3 Original Contract Items						
5	Step Drawdown Test	1	Ea.	\$1,000.00	\$1,000.00	7
8	Remove and Reinstall Fencing to original condition	1	Ea.	\$500.00	\$500.00	1
9	Remove Surficial Wellhead, column pipe, and well pump with motor and accessories	1	Ea.	\$2,500.00	\$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	2
11	360 Degree Color Video with triplicate DVD's including contractor pump	2	Ea.	\$2,500.00	\$5,000.00	2
22	Parts Supplies by Contractor without Contractors Markup	0.1	Lump	\$10,000	\$1,000.00	0
22A	Contractor's markup on parts under bid item 22	1000		\$0.15	\$150.00	0
25	Mud Well, Remove Exist. Inner Casing/ Screen, Riser & Gravel Pack	1	Ea.	\$40,000.00	\$40,000.00	21

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26	Furnish 12" Diameter 316L SS Well Screen 30 to 100 Slot	60	Ft.	\$250.00	\$15,000.00	30
27	Furnish 12" Diameter Certalok Riser	59	Ft.	\$150.00	\$8,850.00	14
28	Install Well Screen & Riser	1	Ea.	\$5,000.00	\$5,000.00	7
29	Furnish & Install Gravel Pack	120	CF	\$25.00	\$3,000.00	7
30	Well Development Pump - 2,000 to 3,000 gpm	150	Hour	\$250.00	\$37,500.00	14
31	Well Development & Redevelopment - Airlift 600 - 750 CFM	100	Hour	\$250.00	\$25,000.00	21
32	Disposal of Development Water	1	Ea.	\$2,500.00	\$2,500.00	0
33	Disposal of Development Solids	1	Ea.	\$2,500.00	\$2,500.00	0
34	Furnish & Install 1" PVC Stilling Well - 60' to 80'	1	Ea.	\$2,500.00	\$2,500.00	0
42	Disinfect Well - Health Dept. Clearance	1	Ea.	\$2,000.00	\$2,000.00	2
43	BACT Health Dept. Clearance	10	Ea.	\$150.00	\$1,500.00	20
Original R3 Rehabilitation Contract Total					\$158,000.00	150
Net R3R Change Order Total					\$94,189.05	3

Sincerely,

Michael Black

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

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