

CHANGE ORDER

No. 2

PROJECT: *South County Water Treatment Plant Well No. 7 Well, Wellhead, Appurtenances and South Oslo Road Water Treatment Plant Floridan Aquifer Wells Rehabilitation Project*

DATE OF ISSUANCE June 25, 2018 EFFECTIVE DATE July 3, 2018

OWNER Indian River County

OWNER's Contract No. 2016-031 Project No. _____

CONTRACTOR All Webbs Enterprises, Inc. ENGINEER Kimley-Horn and Associates

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

Description: Deepening existing wells S-2, S-3, S-5, and S-6.

Reason for change order: Improve overall raw water quality and well performance, which results in overall reduction in operating costs of treatment plant.

Attachments: (List documents supporting change) _____

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price \$ <u>1,477,360.00</u>	Original Contract Times Substantial Completion: <u>180</u> Ready for final payment: <u>240</u> Days or dates
Net changes from previous Change Orders No. 1 to No.2 \$ <u>1,051,783.57</u>	Net change from previous Change Orders No.1 to No.2 <u>250</u> days
Contract Price prior to this Change Order \$ <u>2,529,143.57</u>	Contract Time prior to this Change Order Substantial Completion: <u>430</u> Ready for final payment: <u>490</u> Days or dates
Net Increase (decrease) in this Change Order \$ <u>551,160.00</u>	Net Increase in this Change Order <u>380</u> days
Contract Price with all approved Change Orders \$ <u>3,080,303.57</u>	Contract Time with all approved Change Orders Substantial Completion: <u>810</u> Ready for final payment: <u>870</u> Days or dates

RECOMMENDED:

By: Mark D. Miller
Engineer (Authorized Signature)

Mark D. Miller, Kimley-Horn and Associates

Date: 6/25/18

APPROVED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: Dave Webb, Jr.
Contractor (Authorized Signature)

Dave Webb, Jr. All Webbs, Inc.

Date: 6/25/18



Cost Proposal for Indian River County South WTP Including Deepening of Wells S-2, S-3R, S-5, S-6 and Acid Treatment of Well S-2

Item	Description	UOM	Unit Rate	Qty.	Total
1	Additional Bonds and Insurance for Deepening Work (4 Wells)	LS	\$22,500	1	\$22,500
2	S-6 Drilling Rig Mobilization and Demobilization including Electrical	LS	\$99,214	1	\$99,214
3	S-3 Drilling Rig Mobilization and Demobilization including Electrical	LS	\$69,575	1	\$69,575
4	S-5 Drilling Rig Mobilization and Demobilization including Electrical	LS	\$73,214	1	\$73,214
5	S-2 Drilling Rig Mobilization and Demobilization including Electrical	LS	\$70,507	1	\$70,507
6	Complete Removal and Re-installation of Pump Discharge Apparatus with Disinfection (S-2)	EA	\$15,000	1	\$15,000
7	Geophysical Logging (Complete Set) (S-2)	EA	\$8,500	1	\$8,500
8	Perform Complete Video Log (Initial) (S-2)	EA	\$3,500	1	\$3,500
9	Complete Setup and Removal for Acidization Including Removal of Spent Acid (S-2)	EA	\$7,900	1	\$7,900
10	Well Acidization (S-2)	EA	\$4.50	4,000	\$18,000
11	Pump Develop Well (S-2)	HR	\$250	60	\$15,000
12	Conduct Step Drawdown Test (4 Wells)	EA	\$3,000	4	\$12,000
13	Perform Complete Video Log (Final) (S-2)	EA	\$2,000	1	\$2,000
14	Formation Water Disposal (S-2)	EA	\$10,000	1	\$10,000
15	Perform Site Restoration (Crushed Concrete Temporary Pad Removal)	EA	\$8,500	4	\$34,000
16	Drill Nominal 15-inch Borehole (Each Well to 850 ft, Total 4 Wells)	FT	\$110	595	\$65,450
17	Well Maintenance Contingency Allowance (S-2)	EA	\$20,000	1	\$20,000
18	Additional Bacteriological Sampling and Analysis (8 Additional Samples per Well)	EA	\$150	32	\$4,800
			TOTAL		\$551,160

Additonal Contract Time: 380 Calendar Days
 Estimated Completion Date: December 18, 2018