



Youngquist Brothers, LLC  
15465 Pine Ridge Road  
Fort Myers, FL 33908  
Phone (239) 489-4444

July 2, 2024

Mark Addison, P.E.  
Polk Regional Water Cooperative  
1011 Jim Keene Blvd.  
Winter Haven, FL 33880

Subject: Contract No. 22-641 - Southeast Polk Cretaceous Wellfield Injection Well IW-1

RE: Change Order No. 1 (West Polk LFA IW-1)

Mr. Addison,

Youngquist Brothers is pleased to submit the attached cost proposal for the West Polk LFA Injection Well No. 1 project. Should you have any questions, or require additional information, please contact our office.

Respectfully,

A handwritten signature in blue ink, appearing to be "Harvey Youngquist, Jr.", written over a horizontal line.

Harvey Youngquist, Jr.  
LLC Manager & Vice President  
Youngquist Brothers, LLC  
Harvey@YoungquistBrothers.com

PRWC WPALFA WPF CRETACEOUS INJECTION WELL

# BID SHEET

UNIT PRICE SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price (\$)	Item Total (\$)
<b>Injection Well EW-1/IW-1</b>					
1	Mobilization	1	LS	4,200,000	\$ 4,200,000
2	12-inch pilot hole to 350 ft	350	LF	500	\$ 175,000
3	Geophysical logging of pilot hole to 350 ft	1	LS	30,000	\$ 30,000
4	Ream nominal 56-inch diameter borehole to 350 ft	350	LF	500	\$ 175,000
5	Geophysical logging of reamed hole to 350 ft	1	LS	30,000	\$ 30,000
6	Install 48-inch diameter casing to 350 ft	350	LF	670	\$ 234,500
7	Cementing 48-inch diameter casing	1,620	94 lb. sack	30	\$ 48,600
8	12-inch pilot hole to 1,100 ft	750	LF	500	\$ 375,000
9	Geophysical logging of pilot hole to 1,100 ft	1	LS	40,000	\$ 40,000
10	Back-plug pilot hole	1,200	94 lb. sack	30	\$ 36,000
11	Ream nominal 48-inch diameter borehole to 1100 ft	750	LF	500	\$ 375,000
12	Geophysical logging of reamed hole to 1,100 ft	1	LS	35,000	\$ 35,000
13	Install 40-inch diameter casing to 1,100 ft	1,100	LF	656	\$ 721,600
14	Cementing 40-inch diameter casing	6,000	94 lb. sack	40	\$ 240,000
15	12-inch pilot hole to 2,800 ft	1,700	LF	500	\$ 850,000
16	Packer Tests (1,100 to 2,800 ft bls)	4	LS each	40,000	\$ 160,000
17	Geophysical logging of pilot hole to 2,800 ft	1	LS	50,000	\$ 50,000
18	Back-plug pilot hole	2,800	94 lb. sack	30	\$ 84,000
19	Ream nominal 40-inch diameter borehole to 2,800 ft	1,700	LF	500	\$ 850,000
20	Geophysical logging of reamed hole to 2,800 ft	1	LS	40,000	\$ 40,000
21	Install 30-inch diameter casing to 2,800	2,800	LF	403	\$ 1,128,400
22	Cementing 30-inch diameter casing	9,000	94 lb. sack	30	\$ 270,000
23	12-inch pilot hole to 3,900 ft	1,100	LF	500	\$ 550,000
24	Coring	5	LS each	40,000	\$ 200,000
25	Geophysical logging of pilot hole to 3,900 ft	1	LS	60,000	\$ 60,000
26	Packer tests (2,800 to 3,900 ft)	3	LS each	40,000	\$ 120,000
27	Back-plug pilot hole	6,000	94 lb. sack	30	\$ 180,000
28	Ream nominal 30-inch diameter borehole to 3,900 ft	1,100	LF	600	\$ 660,000
29	Geophysical logging of reamed hole to 3,900 ft	1	LS	45,000	\$ 45,000
29	Install 20-inch diameter casing to 3,900 ft	3,900	LF	500	\$ 1,950,000
30	Cementing 20-inch diameter casing (Type II)	6,000	94 lb. sack	30	\$ 180,000
31	Cementing 20-inch diameter casing (Type V)	4,400	94 lb. sack	100	\$ 440,000
32	MIT (Pressure test and CBL)	1	LS	175,000	\$ 175,000
33	Drill Nominal 20-inch diameter borehoile to 8000 ft	4,100	LF	100	\$ 410,000
34	Packer tests below 3,900 ft	5	LS ea.	50,000	\$ 250,000
35	Geophysical logging of 20-inch diameter borehole	1	LS	70,000	\$ 70,000
36	Install and cement injection tubing to 3,900 ft	1	LS	923,000	\$ 923,000
37	Well development and sampling	1	LS	80,000	\$ 80,000
38	MIT Final	1	LS	200,000	\$ 200,000
39	Injection test	1	LS	250,000	\$ 250,000
<b>SUBTOTAL</b>					<b>\$ 16,891,100</b>
<b>Dual-Zone Monitoring Well (DZMW-1)</b>					
D1	Mobilization	1	LS	1,218,170	\$ 1,218,170
D1	12-inch pilot hole to 350 ft	350	LF	500	\$ 175,000
D3	Geophysical logging of pilot hole to 350 ft	1	LS	30,000	\$ 30,000
D4	Ream nominal 32-inch diameter borehole to 350 ft	350	LF	640	\$ 224,000
D5	Geophysical logging of reamed hole to 350 ft	1	LS	30,000	\$ 30,000
D6	Install 24-inch diameter casing to 350 ft	350	LF	240	\$ 84,000
D7	Cementing 24-inch diameter casing	1,500	94 lb. sack	30	\$ 45,000
D8	12-inch pilot hole to 1,120 ft	770	LF	500	\$ 385,000
D9	Geophysical logging of pilot hole to 1,120 ft	1	LS	40,000	\$ 40,000
D10	Back-plug pilot hole	1,200	94 lb. sack	30	\$ 36,000

D11	Ream nominal 24-inch diameter borehole to 1,120 ft	770	LF	480	\$	369,600
D12	Install 16-inch diameter casing to 1,120 ft	1,120	LF	400	\$	448,000
D13	Cementing 16-inch diameter casing	4,000	94 lb. sack	30	\$	120,000
D14	Perform casing pressure test	1	LS	87500	\$	87,500
D15	Drill nominal 16-diameter borehole to to 1,220 ft	100	LF	318	\$	31,800
D16	Perform pumping (step-drawdown) test	1	LS	40,000	\$	40,000
D17	Drill nominal 16-diameter borehole to to 2,700 ft	1,480	LF	318	\$	470,640
D18	Geophysical logging of hole to 2,700 ft	1	LS	50,000	\$	50,000
D19	Perform off-bottom packer test of LMZ	1	LS	40,000	\$	40,000
D20	Install 6 5/8-inch diameter FRP tubing to 2,600 ft	1	LS	434,000	\$	434,000
D21	Cement FRP tubing to base of UMZ (1,220 ft)	2600	94 lb. sack	30	\$	78,000
D22	Perform casing pressure test and CBL log					
D23	Well development and sampling	2	LS	30,000	\$	60,000
D24	Step-drawdown test	2	LS	30,000	\$	60,000
D25	Video survey	1	LS	30,000	\$	30,000
<b>SUBTOTAL</b>					<b>\$</b>	<b>4,586,710</b>
<b>Upon Completion of Drilling</b>						
M-1	Installation of wellheads, demobilization, and site restoration	1	LS	946,500	\$	946,500
<b>Additional and Optional Tasks</b>						
A-1	Acidification of EW-1	1	LS	133,000	\$	133,000.00
A-2	Stand-by and Rig time	240	HRS	800	\$	192,000.00
A-3	Contingency	1	EA	600,000	\$	600,000.00
<b>GRAND TOTAL FOR ALL ITEMS (BASIS OF AWARD)</b>					<b>\$</b>	<b>23,349,310.00</b>