



November 18, 2021

Jordon Bang
 Lancaster Rural Water District #1
 PO Box 98
 310 Fir Street
 Bennet, NE 68317

RE: Preliminary Water Supply Improvement(s) Costs
 Lancaster RWD 1
 JEO Project No. 210931.00

Dear Mr. Bang:

The RWD's new well, located north of S. 190th St and Gage Rd, is currently in the design phase of the project. The project is preliminarily planned to begin construction in early Spring 2022. Our current opinion of project cost is outlined below.

CONSTRUCTION					
	Description	Unit	Quantity	Unit Price	Total
1.	Mobilization	LS	1	\$47,000.00	\$47,000
2.	Bonding and Insurance	LS	1	\$16,000.00	\$16,000
3.	10" PVC Water Main, DR 18	LF	1,000	\$50.00	\$50,000
4.	Valves, Hydrants, & Misc Fittings	LS	1	\$10,000.00	\$10,000
5.	Drill 28" Bore Hole	VF	290	\$45.00	\$13,050
6.	16" Steel Casing	VF	240	\$40.00	\$9,600
7.	16" SS Screen (45 Slot)	VF	50	\$300.00	\$15,000
8.	Well Flow Testing	LS	1	\$35,000.00	\$35,000
9.	Well Pump & Accessories	LS	1	\$75,000.00	\$75,000
10.	Water Quality Testing	LS	1	\$7,000.00	\$7,000
11.	Wellhouse	LS	1	\$125,000.00	\$125,000
12.	Above Ground Piping	LS	1	\$40,000.00	\$40,000
13.	Generator and Automatic Transfer Switch	LS	1	\$65,000.00	\$65,000
14.	Electrical & Controls	LS	1	\$125,000.00	\$125,000
15.	Seeding & Erosion Control	LS	1	\$6,000.00	\$6,000
16.	Chemical Feed Equipment	LS	1	\$15,000.00	\$15,000
17.	Transmission Main Upgrades	LS	1	\$50,000.00	\$50,000
18.	Site Improvements	LS	1	\$25,000.00	\$25,000
Construction Subtotal				Base Bid	\$728,650
				Contingency 30%	\$218,600
Total Opinion of Construction Cost					\$947,250
PROFESSIONAL SERVICES					
1.	Design & Construction Administration Services		20%		\$189,450
2.	Overhead		5%		\$36,430
				Subtotal	\$225,880
Total Opinion of Project Cost					\$1,173,130

These figures represent our opinion of the total project costs based on similar past projects. Ultimately, the majority of material and labor costs are outside the control of the RWD and our office and subject to fluctuation.

Please advise our office if you have any questions or concerns about this information.

Sincerely,



Justin J. Stine, PE
Senior Project Engineer
Water Resources Department

cc: Alan Wood, RWD Attorney