

ENGINEER'S BUDGETARY OPINION OF PROBABLE COST					
WELL AND TRANSMISSION MAIN IMPROVEMENTS					
CRETE, NEBRASKA					
JEO PROJECT NO. 210597.00					
ESTIMATE OF QUANTITIES					
Item #	Description	Unit	Quantity	Unit Price	Total
GROUP A - INSTALL WELL					
1.	Mobilization	LS	1	\$50,000.00	\$50,000
2.	Bonding and Insurance	LS	1	\$15,000.00	\$15,000
3.	Drill 28" Bore Hole	VF	150	\$100.00	\$15,000
4.	16" PVC Casing	VF	125	\$150.00	\$18,750
5.	16" SS Screen (80 Slot)	VF	25	\$450.00	\$11,250
6.	Gravel Pack	LS	1	\$7,500.00	\$7,500
7.	Bentonite, Grout, Develop & Disinfect Well	LS	1	\$15,000.00	\$15,000
8.	Step Drawdown and Constant Rate Pump Testing	HOURL	30	\$250.00	\$7,500
9.	Plumbness and Alignment Test	LS	1	\$1,500.00	\$1,500
10.	Water Quality Testing (NE)	LS	1	\$7,500.00	\$7,500
11.	Submersible Pump, Motor, Drop Pipe, Check Valve, etc., Complete	LS	1	\$50,000.00	\$50,000
12.	Level Transducer and Air Line, Complete	LS	1	\$2,500.00	\$2,500
13.	Discharge Piping	LS	1	\$30,000.00	\$30,000
14.	Magnetic Flow Meter	EA	1	\$5,000.00	\$5,000
15.	Block Well Building, Complete	SF	220	\$900.00	\$198,000
16.	Electrical and Controls	LS	1	\$75,000.00	\$75,000
17.	Backup Generator and ATS	LS	1	\$75,000.00	\$75,000
18.	8" PVC Water Main, DR 18	LF	200	\$70.00	\$14,000
19.	Ductile Iron Fittings	LS	1	\$7,500.00	\$7,500
20.	Gate Valves	LS	1	\$7,500.00	\$7,500
21.	6" Fire Hydrant Assembly	EA	1	\$7,500.00	\$7,500
22.	Well Site Improvements [Fence, Rock, Bollards, etc.]	LS	1	\$25,000.00	\$25,000
23.	Erosion Control	LS	1	\$5,000.00	\$5,000
24.	Seeding, Fertilizer, and Mulch	LS	1	\$5,000.00	\$5,000
Construction Subtotal				Group A	\$656,000
Contingency				15%	\$98,400
Total Opinion of Construction Cost - Group A					\$754,400
GROUP B - INSTALL WATER TRANSMISSION MAIN					
1.	Mobilization	LS	1	\$70,000.00	\$70,000
2.	Bonding and Insurance	LS	1	\$20,000.00	\$20,000
3.	12" PVC Water Main, DR 18	LF	5,450	\$85.00	\$463,250
4.	12" PVC Water Main, DR 18, RJ, Directionally Bored	LF	500	\$150.00	\$75,000
5.	12" PVC Water Main, DR 18, RJ	LF	300	\$95.00	\$28,500
6.	24" Steel Casing, 0.375" Thickness, Jack and Bore	LF	300	\$650.00	\$195,000
7.	Ductile Iron Fittings	LS	1	\$25,000.00	\$25,000
8.	Gate Valves	LS	1	\$10,000.00	\$10,000
9.	6" Fire Hydrant Assembly	EA	4	\$7,500.00	\$30,000
10.	Connect to Existing Water Main	EA	2	\$2,500.00	\$5,000
11.	Erosion Control	LS	1	\$15,000.00	\$15,000
12.	Seeding, Fertilizer, and Mulch	LS	1	\$20,000.00	\$20,000
Construction Subtotal				Group B	\$956,750
Contingency				15%	\$143,520
Total Opinion of Construction Cost - Group B					\$1,100,270
Construction Subtotal - All Groups					\$1,612,750
Contingency					\$241,920
Total Opinion of Construction Cost - All Groups					\$1,854,670
ENGINEERING SERVICES AND PROPERTY ACQUISITIONS					
1.	Engineering Services				\$230,000
2.	Easement Acquisitions				\$30,000
Subtotal Engineering Services and Property Acquisition					\$260,000
Total Opinion of Project Cost					\$2,114,670

JEO Consulting Group Inc.'s (JEO) Opinions of Probable Cost provided for herein are to be made on the basis of JEO's experience and qualifications and represent JEO's best judgment. However, since JEO has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, JEO cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from Opinions of Probable Cost prepared by JEO.