

January 9, 2020
Kearney, Nebraska



1111 Central Ave. Kearney, NE 68847-6833

Tel: 308-234-6456
Fax: 308-234-1146
www.miller-engineers.com

Mayor & City Council
City of Lexington
P.O. Box 70
Lexington, NE 68850

Re: Lexington Well #19
Project No. 127-C1-067

Dear Council Members:

On January 9, 2020 at 2:00 PM, 2 bids were received, publicly opened, and read aloud at the City Clerk's Office. Attached is a bid tabulation sheet. The bids are summarized below:

<i>BIDDERS</i>		<i>TOTAL BID</i>
Downey Drilling	Lexington, NE	\$283,929.00
Sargent Irrigation	Broken Bow, NE	\$497,464.00

All proposals have been reviewed and no errors were noted. The Contractor's completion date for this contract is June 15, 2020.

The Engineer's Opinion of Probable Construction Cost was \$305,590.00. The low bid from Downey Drilling is 7% below the Engineer's Opinion of Probable Construction Cost. Advertisements for Bids were transmitted to the attached list of Contractors and suppliers in the area. Plan houses were also sent full sets of documents for their publication/advertising. It is therefore recommended the bids be accepted and the contract awarded to Downey Drilling in the amount of \$283,929.00 and authorization given to your authorized representative to execute agreements.

Respectfully submitted,
MILLER & ASSOCIATES
CONSULTING ENGINEERS, P.C.

Chris A. Miller, P.E.

CAM/slb

Enclosures

Date Opened: January 9, 2020				1		2	
at 2:00PM (Local Time)				Downey Drilling, Inc.		Sargent Irrigation	
Project Name: Lexington Well #19				Lexington, NE		Broken Bow, NE	
Project Location: Lexington, NE							
Project Number: 127-C1-067				Total Bid		Total Bid	
Bid Guarantee (type and amount)				5% Bid Bond		5% Bid Bond	
				\$283,929.00		\$497,464.00	
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
PART A - Test Hole							
1	Part A Mobilization (if completed)	1	L.S.		\$0.00		\$500.00
2	Confirmation Test Hole, Sieve Analysis/screen Recommendations, Abandonment of Confirmation Test Hole and Related Work, complete in place (if completed)	1	L.S.		\$0.00		\$4,000.00
SUBTOTAL PART A					\$0.00		\$4,500.00
PART B - Well Construction							
3	Part B Mobilization	1	L.S.		\$0.00		\$15,000.00
4	Construction of Gravel Pack Well 2019-1 (#19), Test Pumping and Water Quality Test, complete in place	1	L.S.		\$69,550.00		\$83,750.00
5	Backfill and Grade Drillers Pit with On-site Soils to 90% Standard Density; Replace Topsoil	1	Each	\$400.00	\$400.00	\$1,200.00	\$1,200.00
SUBTOTAL PART B					\$69,950.00		\$99,950.00
PART C - Well #19 Completion							
6	Part C Mobilization	1	L.S.		\$0.00		\$12,000.00
7	Furnish and Install Well #19 Pump, Well Motor, Column Piping, Bollards, Discharge Connection, Pitless Unit, Meter Manhole, Chlorine Pump, Seeding, Site Grading and Fill Material, Chain Link Fence and Gates, Concrete and Flat Work, Electrical Conduits and Conductors from the Transformer to the Well and all Related Appurtenances, complete in place	1	L.S.		\$93,854.00		\$262,829.00
8	Abandon Wells in accordance with NDHHS Title 178 Regulations and Detailed Specifications and Complete Necessary Abandonment Forms, complete in place for the following: a. Test Well G-187354 b. Well G-008051	1	L.S.		\$750.00		\$6,700.00

				Downey Drilling, Inc. Lexington, NE		Sargent Irrigation Broken Bow, NE	
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
9	Furnish and Install Chlorine Feed System, complete in place	1	L.S.		\$1,925.00		\$3,000.00
10	Coordination and installation of Well #19 VFD, per Drawings and Specifications, complete in place	1	L.S.		\$12,500.00		\$6,000.00
11	Furnish and Install Instrumentation and Control for a Fully Functioning System, complete in place	1	L.S.		\$16,500.00		\$5,000.00
SUBTOTAL PART C					\$125,529.00		\$295,529.00
PART D - Piping							
13	Part D Mobilization	1	L.S.		\$6,000.00		\$6,000.00
14	Furnish and Install C900 Water Main, including Tracer Wire, etc., per Specifications, complete in place						
	a. 16" Diameter	80	L.F.	\$ 375.00	\$30,000.00	\$ 415.00	\$33,200.00
	b. 10" Diameter	500	L.F.	\$ 34.00	\$17,000.00	\$ 38.00	\$19,000.00
	c. 8" Diameter	30	L.F.	\$ 43.00	\$1,290.00	\$ 48.00	\$1,440.00
	d. 6" Diameter	10	L.F.	\$ 40.00	\$400.00	\$ 44.00	\$440.00
	e. 4" Diameter	10	L.F.	\$ 35.00	\$350.00	\$ 38.50	\$385.00
15	Furnish & Install Ductile Iron Fittings, Complete in Place						
	a. 16" 45-Degree Bend	3	Each	\$ 1,685.00	\$5,055.00	\$ 1,875.00	\$5,625.00
	b. 16" x 10" Wye	2	Each	\$ 3,000.00	\$6,000.00	\$ 3,350.00	\$6,700.00
	c. 16" x 4" Tee	1	Each	\$ 2,025.00	\$2,025.00	\$ 2,250.00	\$2,250.00
	d. 16" Plug	1	Each	\$ 765.00	\$765.00	\$ 850.00	\$850.00
	e. 10" x 8" Wye	1	Each	\$ 800.00	\$800.00	\$ 890.00	\$890.00
	f. 10" x 6" Reducer	1	Each	\$ 300.00	\$300.00	\$ 330.00	\$330.00
	g. 8" 45-Degree Bend	1	Each	\$ 335.00	\$335.00	\$ 370.00	\$370.00
	h. 4" 45-Degree Bend	1	Each	\$ 330.00	\$330.00	\$ 365.00	\$365.00
16	Furnish and Install Connection						
	a. 16" Diameter	1	Each	\$ 6,300.00	\$6,300.00	\$ 7,000.00	\$7,000.00
	b. 4" Diameter	1	Each	\$ 800.00	\$800.00	\$ 890.00	\$890.00
17	Furnish and Install Valves and Boxes, complete in place						
	a. 10"	1	Each	\$ 2,300.00	\$2,300.00	\$ 2,560.00	\$2,560.00
	b. 8"	1	Each	\$ 1,650.00	\$1,650.00	\$ 1,835.00	\$1,835.00
	c. 6"	1	Each	\$ 1,250.00	\$1,250.00	\$ 1,390.00	\$1,390.00
	d. 4"	1	Each	\$ 1,300.00	\$1,300.00	\$ 1,400.00	\$1,400.00
18	Furnish & Install Fire Hydrant, Complete in Place						
	a. 5.5' Bury 3-Way	1	Each	\$ 3,300.00	\$3,300.00	\$ 3,665.00	\$3,665.00
19	Construction Staking	1	LS		\$900.00		\$900.00
SUBTOTAL PART D					\$88,450.00		\$97,485.00
TOTAL BID					\$283,929.00		\$497,464.00

			Downey Drilling, Inc. Lexington, NE		Sargent Irrigation Broken Bow, NE	
Item	Description	Unit	Unit Price		Unit Price	
A.	Add or deduct per lineal foot of Drilling Water Well depth including gravel pack, excluding casing screen and column pipe for increase or decrease in specified well depth.	V.F.	\$99.00		\$90.00	
B.	Add or deduct per lineal foot of well casing depth for increase or decrease in specified casing length.	L.F.	\$58.00		\$88.00	
C.	Add or deduct per lineal foot of stainless-steel well screen for increase or decrease in specified screen length.	L.F.	\$345.00		\$220.00	
D.	Add or deduct per hour of test pumping for increase or decrease in specified time.	\$/Hour	\$200.00		\$180.00	
E.	Add or deduct per 10-foot increments or less of pump column for increase or decrease in specified pump setting depth.	\$/10 L.F.	\$625.00		\$850.00	

ADVERTISEMENTS FOR BIDS	
Project No.	127-C1-067-18
Project Name:	LEXINGTON WELL #19
Date Mailed:	12-11-19

Midlands Contracting
PO Box 1065
Kearney, NE 68848

Cahoy Pump
24568 150th Street
Sumner, IA 50674

Downey Drilling, Inc.
P.O. Box 278
Lexington, NE 68850

Hydro Resources
13027 CR 18
Fort Lupton, CO 80621

Layne-Christensen Company
4601 North 252nd Street
Valley, NE 68064

Sargent Drilling
P.O. Box 627
Broken Bow, NE 68822