

Table 1. Summary of Ogden Airport Well Project Bids

Bid Opening February 15, 2019

				Layne		Gardner Bros.		Alan Lang		Hydro Resources	
No.	Item	Units	Estimated Quantity	Bid Unit Cost	Total Cost	Bid Unit Cost	Total Cost	Bid Unit Cost	Total Cost	Bid Unit Cost	Total Cost
1	Mobilization/Demobilization/Cleanup	lump	1	\$ 359,082	\$ 359,082	\$ 130,000	\$ 130,000	\$ 65,000	\$ 65,000	\$ 70,911	\$ 70,911
2	Sound Control	lump	1	\$ 2,309	\$ 2,309		\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
3	Surface Conductor Casing and Seal (36" hole/30" casing	lump	1	\$ 54,430	\$ 54,430	\$ 78,053	\$ 78,053	\$ 40,000	\$ 40,000	\$ 19,557	\$ 19,557
4a	Drill 14-17.5" Pilot Borehole	ft	960	\$ 135	\$ 129,600	\$ 130	\$ 124,800	\$ 150	\$ 144,000	\$ 148	\$ 142,080
4b	Drill 28" Reamed Borehole	ft	960	\$ 181	\$ 173,760	\$ 270	\$ 259,200	\$ 350	\$ 336,000	\$ 230	\$ 220,800
5	Geophysical Logging	lump	1	\$ 10,175	\$ 10,175	\$ 8,000	\$ 8,000	\$ 14,000	\$ 14,000	\$ 11,775	\$ 11,775
6	Caliper	lump	1	\$ 4,480	\$ 4,480	\$ 5,000	\$ 5,000	\$ 1,000	\$ 1,000	\$ 4,624	\$ 4,624
7a	Formation Water Zone Sampling	each	3	\$ 18,725	\$ 56,175	\$ 35,000	\$ 105,000	\$ 30,000	\$ 90,000	\$ 12,411	\$ 37,233
7b	Additional Zone Development	hr	20	\$ 485	\$ 9,700	\$ 600	\$ 12,000	\$ 600	\$ 12,000	\$ 454	\$ 9,080
8	Well Installation - 20" Steel Casing	ft	700	\$ 84	\$ 58,800	\$ 110	\$ 77,000	\$ 100	\$ 70,000	\$ 106	\$ 74,200
9	Well Installation - 20" SS Screen 60 slot	ft	300	\$ 249	\$ 74,700	\$ 360	\$ 108,000	\$ 200	\$ 60,000	\$ 328	\$ 98,400
10	Well Installation - 2.5" Gravel Feed Tube	ft	510	\$ 10	\$ 5,100	\$ 20	\$ 10,200	\$ 15	\$ 7,650	\$ 9	\$ 4,590
11	Well installation - 2" Water Level Measurement Tube	ft	600	\$ 10	\$ 6,000	\$ 15	\$ 9,000	\$ 9	\$ 5,400	\$ 10	\$ 6,000
12	Installation of Gravel Pack - 8-12	ft	500	\$ 86	\$ 43,000	\$ 120	\$ 60,000	\$ 100	\$ 50,000	\$ 66	\$ 33,000
13	Installation of Annular Grout Seal	ft	500	\$ 88	\$ 44,000	\$ 140	\$ 70,000	\$ 100	\$ 50,000	\$ 79	\$ 39,500
14	Initial Well Development	hr	40	\$ 485	\$ 19,400	\$ 800	\$ 32,000	\$ 600	\$ 24,000	\$ 454	\$ 18,160
15	Install Pump for Development and Testing	lump	1	\$ 36,500	\$ 36,500	\$ 60,000	\$ 60,000	\$ 36,000	\$ 36,000	\$ 50,000	\$ 50,000
16	Booster Pump Station	lump	1	\$ 61,175	\$ 61,175	\$ 42,000	\$ 42,000	\$ 58,000	\$ 58,000	\$ 83,871	\$ 83,871
17	Well Development by Pumping	hr	80	\$ 375	\$ 30,000	\$ 460	\$ 36,800	\$ 368	\$ 29,440	\$ 516	\$ 41,280
18	Step-Rate Drawdown Test	hr	10	\$ 375	\$ 3,750	\$ 460	\$ 4,600	\$ 368	\$ 3,680	\$ 516	\$ 5,160
19	Constant-Rate Discharge Test	hr	24	\$ 375	\$ 9,000	\$ 460	\$ 11,040	\$ 368	\$ 8,832	\$ 516	\$ 12,384
20	Video Camera Survey	lump	1	\$ 2,500	\$ 2,500	\$ 5,000	\$ 5,000	\$ 2,300	\$ 2,300	\$ 3,226	\$ 3,226
21	Plumbness and Alignment Testing	lump	1	\$ 6,600	\$ 6,600	\$ 6,000	\$ 6,000	\$ 5,500	\$ 5,500	\$ 10,108	\$ 10,108
22	Well Disinfecting	lump	1	\$ 8,225	\$ 8,225	\$ 12,000	\$ 12,000	\$ 7,500	\$ 7,500	\$ 10,484	\$ 10,484
23	Well Head	lump	1	\$ 625	\$ 625	\$ 3,500	\$ 3,500	\$ 500	\$ 500	\$ 2,308	\$ 2,308
24	Well Capping	lump	1	\$ 375	\$ 375	\$ 2,000	\$ 2,000	\$ 500	\$ 500	\$ 484	\$ 484
Bid Results				\$ 1,209,461		\$ 1,271,193		\$ 1,122,302		\$ 1,010,215	