

IFB21-43 OTOWI WELL #2 WELL HOUSE & EQUIPMENT AND OTOWI #4 MCC REPLACEMENT PROJECT				ENGINEERS ESTAMATE		RMCI BID		AUI BID	
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	Mobilization	LS	1	\$ 171,907.08	\$ 171,907.08	\$ 290,000.00	\$ 290,000.00	\$ 341,579.00	\$ 341,579.00
2	SWPPP	LS	1	\$ 98,232.62	\$ 98,232.62	\$ 5,000.00	\$ 5,000.00	\$ 11,182.00	\$ 11,182.00
3	Permitting	LS	1	\$ 12,279.08	\$ 12,279.08	\$ 20,000.00	\$ 20,000.00	\$ 1,492.00	\$ 1,492.00
4	Traffic Control	LS	1	\$ 24,558.15	\$ 24,558.15	\$ 15,000.00	\$ 15,000.00	\$ 12,188.00	\$ 12,188.00
5	Construction Survey & Staking	LS	1	\$ 49,116.31	\$ 49,116.31	\$ 21,000.00	\$ 21,000.00	\$ 15,264.00	\$ 15,264.00
6	Well Disinfection	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,842.00	\$ 3,842.00
7	Water Quality Testing	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 674.00	\$ 674.00
SITE CIVIL					\$ -		\$ -		\$ -
8	Excavation/Embankment	CY	1441	\$ 12.50	\$ 18,012.50	\$ 48.00	\$ 69,168.00	\$ 14.00	\$ 20,174.00
9	Subgrade Prep	SY	2912	\$ 3.50	\$ 10,192.00	\$ 4.00	\$ 11,648.00	\$ 3.50	\$ 10,192.00
10	Furnish and install new 6-FT chainlink fence, CIP.	SF	3330	\$ 6.50	\$ 21,645.00	\$ 20.00	\$ 66,600.00	\$ 15.00	\$ 49,950.00
11	Laboratory Testing	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
12	Hydro Mulch Seeding, See Sheet CG-101	AC	0.15	\$ 5,000.00	\$ 750.00	\$ 30,000.00	\$ 4,500.00	\$ 29,120.00	\$ 4,368.00
13	Furnish and install new 18-inch CMP w/ end sections, CIP	LS	1	\$ 17,200.00	\$ 17,200.00	\$ 12,000.00	\$ 12,000.00	\$ 16,701.00	\$ 16,701.00
14	Furnish and install stone and gravel plunge pool, 4'x8'x3', CIP	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 1,200.00	\$ 2,400.00	\$ 1,223.00	\$ 2,446.00
15	Furnish and install 60-mil HDPE pond liner, anchoring, associated penetrations, and all appurtenances, CIP	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 80,000.00	\$ 80,000.00	\$ 69,590.00	\$ 69,590.00
BUILDING									
16	CMU Building incl. foundation, roof system, doors, hardware, architectural treatments, and all appurtenances, CIP	SF	1356	\$ 317.00	\$ 429,852.00	\$ 360.00	\$ 488,160.00	\$ 454.00	\$ 615,624.00
WELL EQUIPPING									
17	Furnish, Install, and start-up new Deep Well Turbine Pump capable of 1300-gpm @ 1,374-ft TDH, incl. motor, well head, controls, wiring, column check valve, and all appurtenances, CIP.	Ea	1	\$ 450,000.00	\$ 450,000.00	\$ 440,000.00	\$ 440,000.00	\$ 515,144.00	\$ 515,144.00
18	Furnish and install new 12-inch ductile iron piping, fittings, and appurtenances within the well house, CIP.	LS	1	\$ 10,250.00	\$ 10,250.00	\$ 68,000.00	\$ 68,000.00	\$ 58,800.00	\$ 58,800.00
19	Furnish and install new 12-inch stainless steel piping, fittings, and appurtenances buried underneath well house, CIP.	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 77,000.00	\$ 77,000.00	\$ 81,108.00	\$ 81,108.00
20	Furnish and install 2-inch air/vacuum release valve and appurtenances in well house, CIP.	Ea	1	\$ 3,000.00	\$ 3,000.00	\$ 5,500.00	\$ 5,500.00	\$ 5,208.00	\$ 5,208.00
21	Furnish and install 12-inch check valve and appurtenances in well house, CIP.	Ea	1	\$ 6,500.00	\$ 6,500.00	\$ 34,000.00	\$ 34,000.00	\$ 37,573.00	\$ 37,573.00
22	Furnish and install 12-inch electromagnetic flow meter, including remote mounted magnetic inductive flow converter, mounting hardware, and appurtenances, CIP	Ea	1	\$ 8,000.00	\$ 8,000.00	\$ 25,000.00	\$ 25,000.00	\$ 30,408.00	\$ 30,408.00
23	Furnish and install, 12" gate valve FLxFL, incl. operator and appurtenances, CIP	Ea	3	\$ 2,850.00	\$ 8,550.00	\$ 6,500.00	\$ 19,500.00	\$ 7,146.00	\$ 21,438.00
24	Furnish and install 4-inch surge anticipator valve and appurtenances, CIP	Ea	1	\$ 10,400.00	\$ 10,400.00	\$ 22,000.00	\$ 22,000.00	\$ 21,863.00	\$ 21,863.00
25	Furnish and install pressure gauge and all associated appurtenances, CIP	Ea	1	\$ 800.00	\$ 800.00	\$ 700.00	\$ 700.00	\$ 1,061.00	\$ 1,061.00
26	Furnish and install adjustable pipe supports, CIP	EA	5	\$ 650.00	\$ 3,250.00	\$ 1,200.00	\$ 6,000.00	\$ 1,273.00	\$ 6,365.00
YARD PIPING					\$ -		\$ -		\$ -
27	Trenching, backfill and compaction, for up to 12-inch pipe, 8-ft or less in depth, pipe not included.	LF	235	\$ 55.00	\$ 12,925.00	\$ 100.00	\$ 23,500.00	\$ 83.00	\$ 19,505.00
28	Furnish and place in open trench, 12-inch PVC C-900 DR-18, harness incidental to pipe, CIP	LF	165	\$ 325.00	\$ 53,625.00	\$ 50.00	\$ 8,250.00	\$ 64.00	\$ 10,560.00
29	Furnish and install 12-inch ductile iron fittings with jointing materials, CIP	Lbs	770	\$ 3.50	\$ 2,695.00	\$ 7.00	\$ 5,390.00	\$ 8.00	\$ 6,160.00
30	Furnish and install 8-inch ductile iron fittings with jointing materials, CIP	Lbs	460	\$ 3.00	\$ 1,380.00	\$ 5.00	\$ 2,300.00	\$ 7.00	\$ 3,220.00
31	Connect to existing 12-inch piping outside of building at existing valve can, remove existing can and valve, CIP.	Ea	1	\$ 2,100.00	\$ 2,100.00	\$ 5,000.00	\$ 5,000.00	\$ 3,610.50	\$ 3,610.50
32	Furnish and place in open trench, 8-inch PVC C-900 DR-18, harness incidental to pipe, CIP	LF	70	\$ 225.00	\$ 15,750.00	\$ 26.00	\$ 1,820.00	\$ 52.00	\$ 3,640.00
33	Furnish and install 8-inch gate valve, CIP	Ea.	3	\$ 2,500.00	\$ 7,500.00	\$ 2,300.00	\$ 6,900.00	\$ 2,409.00	\$ 7,227.00
34	Furnish and install 6-inch gate valve, CIP	Ea.	1	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ 1,642.00	\$ 1,642.00
35	Furnish and install 6-inch PVC C-900 DR-18 with Fire Hydrant Assembly, CIP	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,824.00	\$ 4,824.00
36	Furnish and install "Blow-Off" Line with Concrete Pipe Support per Details on Sheet CU-505, CIP	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00	\$ 15,002.00	\$ 15,002.00
37	Furnish and install Tap with gate valve, can, gravel pocket, with 1" outlet, CIP	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 1,700.00	\$ 1,700.00	\$ 1,380.00	\$ 1,380.00
ELECTRICAL & MECHANICAL									
38	Otowi 2 Well Electrical Power & Lighting/Instrumentation	LS	1	\$ 594,625.63	\$ 594,625.63	\$ 1,060,000.00	\$ 1,060,000.00	\$ 1,291,490.00	\$ 1,291,490.00
39	Otowi 2 Mechanical and Plumbing	LS	1	\$ 69,681.70	\$ 69,681.70	\$ 90,000.00	\$ 90,000.00	\$ 161,862.00	\$ 161,862.00
40	Otowi 4 Demo Electrical	LS	1	\$ 6,904.12	\$ 6,904.12	\$ 20,000.00	\$ 20,000.00	\$ 26,472.00	\$ 26,472.00
41	Otowi 4 Well Electrical Gear	LS	1	\$ 285,379.88	\$ 285,379.88	\$ 200,000.00	\$ 200,000.00	\$ 243,957.00	\$ 243,957.00
SUBTOTAL BASE BID - ITEMS 1-41, EXCL. NMGR:					\$ 2,457,761.07		\$ 3,240,836.00		\$ 3,764,785.50
CONTINGENCY (10%):					\$ 245,776.11		\$ 324,083.60		\$ 376,478.55
NEW MEXICO GROSS RECEIPTS TAX (NMGR @ 7.3125%):					\$ 179,723.78		\$ 236,986.13		\$ 275,299.94
TOTAL BID (SUBTOTAL BASE BID + NMGR):					\$ 2,637,484.85		\$ 3,477,822.13		\$ 4,040,085.44
TOTAL:					\$ 2,817,208.63		\$ 3,714,808.27		\$ 4,315,385.38
ADDITIVE ALTERNATE #1									
42	Generator set, natural gas, 3 phase 4 wire, 277/480 V, 900 kW, incl battery, charger, muffler, & day tank, excl conduit, wiring, & concrete	EA	1	\$699,154.00	\$ 699,154.00	\$ 668,000.00	\$ 668,000.00	\$ 789,057.00	\$ 789,057.00
				ENGINEERS ESTAMATE		RMCI BID		AUI BID	
SUBTOTAL ADD. ALT. #1 - ITEM 42, EXCL. NMGR:				\$	699,154.00	\$	668,000.00	\$	789,057.00
NEW MEXICO GROSS RECEIPTS TAX (NMGR @ 7.3125%):				\$	51,125.64	\$	48,847.50	\$	57,699.79
TOTAL BID (ADD. ALT #1 + NMGR):				\$	750,279.64	\$	716,847.50	\$	846,756.79
SUBTOTAL BASE BID + ADD. ALT. #1 - ITEMS 1-41, EXCL. NMGR:				\$	3,156,915.07	\$	3,908,836.00	\$	4,553,842.50
NEW MEXICO GROSS RECEIPTS TAX ITEMS 1-41 (NMGR @ 7.3125%):				\$	179,723.78	\$	236,986.13	\$	275,299.94
TOTAL BID (BASE BID + ADD. ALT #1 + NMGR):				\$	3,747,212.04	\$	4,668,641.90	\$	5,437,442.11