

Oelrichs Water System Improvements
Bid Tabulation
SPN #14286
Bid Date: March 21, 2019

Bid Schedule A: Water Distribution Improvements

			QUINN CONSTRUCTION 4404 UNIVERSAL DRIVE RAPID CITY SD 57702		MAINLINE CONTRACTING PO BOX 3448 RAPID CITY SD 57709		CENTURY SITEWORK & PO BOX 8007 RAPID CITY SD 57709		Engineer Estimate	
Item	Description	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1 LS	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00	\$6,000.00	\$6,000.00
2	Remove and Dispose of Fire Hydrant	4 EA	\$750.00	\$3,000.00	\$500.00	\$2,000.00	\$2,010.90	\$8,043.60	\$300.00	\$1,200.00
3	Remove and Dispose of Valve	3 EA	\$250.00	\$750.00	\$300.00	\$900.00	\$2,005.80	\$6,017.40	\$300.00	\$900.00
4	Fire Hydrant	4 EA	\$4,500.00	\$18,000.00	\$8,400.00	\$33,600.00	\$3,095.50	\$12,382.00	\$3,700.00	\$14,800.00
5	6" PVC Pipe	28 LF	\$100.00	\$2,800.00	\$60.00	\$1,680.00	\$20.95	\$586.60	\$32.00	\$896.00
6	6" Gate Valve	7 EA	\$1,700.00	\$11,900.00	\$2,700.00	\$18,900.00	\$625.85	\$4,380.95	\$1,600.00	\$11,200.00
7	Connect to Existing 6" Pipe	10 EA	\$700.00	\$7,000.00	\$1,500.00	\$15,000.00	\$345.75	\$3,457.50	\$1,100.00	\$11,000.00
8	2" PVC Pipe	4 LF	\$15.00	\$60.00	\$30.00	\$120.00	\$16.80	\$67.20	\$30.00	\$120.00
9	2" Curb Stop with Box	1 EA	\$800.00	\$800.00	\$2,000.00	\$2,000.00	\$450.50	\$450.50	\$750.00	\$750.00
10	Connect to 2" Pipe	2 EA	\$400.00	\$800.00	\$450.00	\$900.00	\$170.90	\$341.80	\$400.00	\$800.00
11	Furnish Meter Setters	13 EA	\$400.00	\$5,200.00	\$260.00	\$3,380.00	\$385.75	\$5,014.75	\$175.00	\$2,275.00
12	Install Meter Setters	13 EA	\$300.00	\$3,900.00	\$290.00	\$3,770.00	\$405.45	\$5,270.85	\$200.00	\$2,600.00
13	Furnish and Install Check Valves	16 EA	\$400.00	\$6,400.00	\$250.00	\$4,000.00	\$394.35	\$6,309.60	\$500.00	\$8,000.00
14	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$6,500.00	\$6,500.00	\$1,000.00	\$1,000.00
15	Topsoil, Seed, Fertilize & Mulch	400 SY	\$5.00	\$2,000.00	\$10.00	\$4,000.00	\$2.22	\$888.00	\$2.00	\$800.00
Furnish Materials List for Installation by Others										
16	4" PVC Pipe	3 LF	\$15.00	\$45.00	\$11.00	\$33.00	\$17.70	\$53.10	\$15.00	\$45.00
17	Connection Coupling to 8" PVC	1 EA	\$500.00	\$500.00	\$400.00	\$400.00	\$480.95	\$480.95	\$750.00	\$750.00
18	8" x 4" Tee	1 EA	\$600.00	\$600.00	\$395.00	\$395.00	\$498.75	\$498.75	\$700.00	\$700.00
19	4" Gate Valve	1 EA	\$1,200.00	\$1,200.00	\$875.00	\$875.00	\$815.85	\$815.85	\$600.00	\$600.00
20	8" Gate Valve	1 EA	\$1,800.00	\$1,800.00	\$1,400.00	\$1,400.00	\$1,740.45	\$1,740.45	\$1,200.00	\$1,200.00
Total for Bid Schedule A				\$82,755.00		\$129,553.00		\$138,299.85		\$65,636.00

Bid Schedule A Alternate Bid Items (Sheet 3)

			QUINN CONSTRUCTION 4404 UNIVERSAL DRIVE RAPID CITY SD 57702		MAINLINE CONTRACTING PO BOX 3448 RAPID CITY SD 57709		CENTURY SITEWORK & PO BOX 8007 RAPID CITY SD 57709		Engineer Estimate	
Item	Description	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
A1	Furnish Cable Locator	1 EA	\$950.00	\$950.00	\$825.00	\$825.00	\$110.90	\$110.90	\$1,000.00	\$1,000.00
A2	Remove and Dispose of Meter Pit	3 EA	\$260.00	\$780.00	\$500.00	\$1,500.00	\$285.80	\$857.40	\$400.00	\$1,200.00
A3	Furnish Meter Pit	4 EA	\$1,000.00	\$4,000.00	\$880.00	\$3,520.00	\$305.45	\$1,221.80	\$850.00	\$3,400.00
A4	Install Meter Pit	4 EA	\$500.00	\$2,000.00	\$700.00	\$2,800.00	\$315.85	\$1,263.40	\$1,000.00	\$4,000.00
A5	6"x1" Service Saddle W/ Corp Stop	2 EA	\$700.00	\$1,400.00	\$200.00	\$400.00	\$399.85	\$799.70	\$320.00	\$640.00
A6	1" Curb Stop W/ Box	2 EA	\$650.00	\$1,300.00	\$350.00	\$700.00	\$390.90	\$781.80	\$360.00	\$720.00
A7	1" PE Service Pipe	216 LF	\$30.00	\$6,480.00	\$33.00	\$7,128.00	\$18.80	\$4,060.80	\$26.00	\$5,616.00
A8	Connect to Water Service Pipe (All Sizes)	6 EA	\$400.00	\$2,400.00	\$425.00	\$2,550.00	\$328.35	\$1,970.10	\$280.00	\$1,680.00
A9	Tracer Wire Access Box	2 EA	\$400.00	\$800.00	\$35.00	\$70.00	\$135.70	\$271.40	\$160.00	\$320.00
A10	Tracer Wire Ground	4 EA	\$400.00	\$1,600.00	\$25.00	\$100.00	\$150.50	\$602.00	\$200.00	\$800.00
A11	Remove, Salvage and Replace Gravel Surfacing	56 SY	\$30.00	\$1,680.00	\$14.00	\$784.00	\$23.85	\$1,335.60	\$30.00	\$1,680.00
A12	Gravel Base Course or Surfacing	15 TN	\$80.00	\$1,200.00	\$37.00	\$555.00	\$27.95	\$419.25	\$33.00	\$495.00
A13	Topsoil, Seed, Fertilize & Mulch	320 SY	\$5.00	\$1,600.00	\$10.00	\$3,200.00	\$2.20	\$704.00	\$2.00	\$640.00
A14	Exploratory Digging to Locate Services	2 HR	\$150.00	\$300.00	\$300.00	\$600.00	\$210.00	\$420.00	\$350.00	\$700.00
Total Alternate Bid Items				\$26,490.00		\$24,732.00		\$14,818.15		\$22,891.00
Total Bid Schedule A with Alternate Items				\$109,245.00		\$154,285.00		\$153,118.00		\$88,527.00

BID SCHEDULE B: Water Tower Improvements			COLOR DYNAMICS LLC 9921 S PROJECT RD BURLINGTON ND 58722		MAGUIRE IRON INC PO BOX 1446 SIOUX FALLS SD 57101		VIKING INDUSTRIAL PAINT PO BOX 24162 OMAHA NE 68124	
Item	Description	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
2	Sandblast and Recoat Interior of Water Tower	1 LS	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00	\$29,500.00	\$29,500.00
3	Wash and Overcoat Exterior of Water Tower	1 LS	\$36,000.00	\$36,000.00	\$42,665.00	\$42,665.00	\$50,400.00	\$50,400.00
4	Install Tank Mixer Furnished By Others	1 LS	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$6,500.00	\$6,500.00
5	Replace Vent	1 LS	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
6	Install Balcony Handrail Pass-Through	1 LS	\$1,000.00	\$1,000.00	\$2,250.00	\$2,250.00	\$3,000.00	\$3,000.00
7	Seal Roof/Wall Seam	1 LS	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$7,500.00	\$7,500.00
8	Safety Climb on Roof and Shell Ladders	1 LS	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00
9	Toe Plate at Base of Roof Handrail	1 LS	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
10	Welding Repair	10 HR	\$150.00	\$1,500.00	\$450.00	\$4,500.00	\$350.00	\$3,500.00
Total Bid Schedule B				\$96,000.00		\$107,915.00		\$119,900.00
Alternate Items								
A1	Alternate Logo	1 LS	\$6,500.00	\$6,500.00	\$13,000.00	\$13,000.00	\$23,500.00	\$23,500.00
A2	Warranty Inspection	1 LS	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$1,650.00	\$1,650.00
Total Alternate Items				\$10,500.00		\$15,500.00		\$25,150.00
Bid Schedule B with Alternate Items				\$106,500.00		\$123,415.00		\$145,050.00

BID SCHEDULE B CONTINUED: Water Tower Improvements			UTILITY SERVICE CO INC PO BOX 1350 PERRY GA 31069		TMI COATINGS INC 3291 TERMINAL DRIVE ST PAUL MN 55121		Engineer Estimate	
Item	Description	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1 LS	\$1,000.00	\$1,000.00	\$22,400.00	\$22,400.00	\$13,200.00	\$13,200.00
2	Sandblast and Recoat Interior of Water Tower	1 LS	\$71,900.00	\$71,900.00	\$80,300.00	\$80,300.00	\$47,000.00	\$47,000.00
3	Wash and Overcoat Exterior of Water Tower	1 LS	\$77,400.00	\$77,400.00	\$117,400.00	\$117,400.00	\$60,000.00	\$60,000.00
4	Install Tank Mixer Furnished By Others	1 LS	\$6,000.00	\$6,000.00	\$5,600.00	\$5,600.00	\$2,500.00	\$2,500.00
5	Replace Vent	1 LS	\$4,000.00	\$4,000.00	\$9,100.00	\$9,100.00	\$5,000.00	\$5,000.00
6	Install Balcony Handrail Pass-Through	1 LS	\$2,600.00	\$2,600.00	\$3,800.00	\$3,800.00	\$2,000.00	\$2,000.00
7	Seal Roof/Wall Seam	1 LS	\$2,600.00	\$2,600.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00
8	Safety Climb on Roof and Shell Ladders	1 LS	\$4,600.00	\$4,600.00	\$7,100.00	\$7,100.00	\$3,000.00	\$3,000.00
9	Toe Plate at Base of Roof Handrail	1 LS	\$1,600.00	\$1,600.00	\$3,800.00	\$3,800.00	\$4,000.00	\$4,000.00
10	Welding Repair	10 HR	\$130.00	\$1,300.00	\$170.00	\$1,700.00	\$500.00	\$5,000.00
Total Bid Schedule B				\$173,000.00		\$254,000.00		\$144,700.00
Alternate Items								
A1	Alternate Logo	1 LS	\$13,000.00	\$13,000.00	\$15,000.00	\$15,000.00	\$13,000.00	\$13,000.00
A2	Warranty Inspection	1 LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00
Total Alternate Items				\$16,000.00		\$18,000.00		\$14,200.00
Bid Schedule B with Alternate Items				\$189,000.00		\$272,000.00		\$158,900.00

BID SCHEDULE C: Water System Building

QUINN CONSTRUCTION 4404 UNIVERSAL DRIVE RAPID CITY SD 57702	MAINLINE CONTRACTING PO BOX 3448 RAPID CITY SD 57709	Engineer's Estimate
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Item	Description	Quantity	Unit Price	Total Price			Unit Price	Total Price
1	Mobilization	1 LS	\$15,000.00	\$15,000.00	\$22,000.00	\$22,000.00	\$12,000.00	\$12,000.00
2	Exposed Water Piping, Fittings, Valves, Connections, Supports and Related Items	1 LS	\$46,000.00	\$46,000.00	\$67,000.00	\$67,000.00	\$8,000.00	\$8,000.00
3	Building and Related Items	1 LS	\$43,000.00	\$43,000.00	\$52,000.00	\$52,000.00	\$36,000.00	\$36,000.00
4	Building Concrete Work (Less Item A2)	1 LS	\$12,000.00	\$12,000.00	\$28,000.00	\$28,000.00	\$19,000.00	\$19,000.00
5	Subsurface Drainage System	1 LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00
6	Control System with Sensors and Appurtenances	1 LS	\$11,000.00	\$11,000.00	\$13,000.00	\$13,000.00	\$14,000.00	\$14,000.00
7	Furnish Tank Mixer, Furnish and Install Control Panel, Wiring and Related Items (Mixer Installed By Others)	1 LS	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$15,000.00	\$15,000.00
8	Site Work, Fill and Gravel Surfacing	1 LS	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$4,200.00	\$4,200.00
9	Seeding	1 LS	\$800.00	\$800.00	\$2,800.00	\$2,800.00	\$1,500.00	\$1,500.00
10	Miscellaneous Electrical Work and Materials	1 LS	\$44,000.00	\$44,000.00	\$18,500.00	\$18,500.00	\$16,000.00	\$16,000.00
Total Bid Schedule C					\$204,800.00	\$234,300.00		\$129,700.00
Alternate Items								
A1	Demolish Building	1 LS		\$3,000.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00
A2	Cold Storage Area Concrete Floor	1 LS		\$5,200.00	\$3,800.00	\$3,800.00	\$3,500.00	\$3,500.00
Total Alternate Items					\$8,200.00	\$10,800.00		\$8,500.00
Bid Schedule C with Alternate Items					\$213,000.00	\$245,100.00		\$138,200.00



I hereby certify that the foregoing is an accurate representation and tabulation of all bids received and that the mathematics have been checked and are to the best of my knowledge correct.

Camden A. Hofer

Camden A. Hofer, P.E., Project Engineer - SPN & Assoc.

