

**PROJECT NAME: Rapid City WRF Potable Water Improvements**  
**PROJECT NUMBER: PROJECT NO. 15-2266 / CIP NO. 51079**  
**LET DATE: February 28, 2017**  
**LOW BID AMOUNT: \$585,048.60**

ITEM NO.	DETAILED SPEC. SECTION	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.		MAINLINE CONTRACTING, INC.	
						UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		001.01	MOBILIZATION, BONDS, INSURANCE	LS	1	\$ 25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00
2		001.02	INCIDENTAL WORK	LS	1	\$ 8,000.00	\$8,000.00	\$37,500.00	\$37,500.00	\$46,000.00	\$46,000.00
3		001.03	CONSTRUCTION STAKING	LS	1	\$ 1,500.00	\$1,500.00	\$2,200.00	\$2,200.00	\$2,000.00	\$2,000.00
4	01700		START-UP, OPERATION & MAINTENANCE DATA, TRAINING AND CLOSEOUT	LS	1	\$ 2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
5		B02.05	REMOVE CURB STOP & BOX	EA	1	\$ 135.00	\$135.00	\$900.00	\$900.00	\$700.00	\$700.00
6		B05.30	REMOVE & REPLACE PCC PAVEMENT	SY	21	\$ 180.00	\$3,780.00	\$100.00	\$2,100.00	\$225.00	\$4,725.00
7		B05.32	REMOVE & REPLACE CONCRETE CURB & GUTTER	LF	35	\$ 55.00	\$1,925.00	\$35.00	\$1,225.00	\$90.00	\$3,150.00
8		B05.38	REMOVE & REPLACE PCC SIDEWALK	SY	11	\$ 75.00	\$825.00	\$73.00	\$803.00	\$195.00	\$2,145.00
9		B06.03	REMOVE & RESET FENCE	LF	50	\$ 18.00	\$900.00	\$24.00	\$1,200.00	\$15.00	\$750.00
10		C01.01	CONTRACTOR SUPPLIED DENSITY TEST	EA	0	\$ 195.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	02150	C02.01	EXCAVATION, BACKFILLING & COMPACTING (BUILDING)	LS	1	\$ 1,500.00	\$1,500.00	\$3,600.00	\$3,600.00	\$10,000.00	\$10,000.00
12	02100	C07.03	TOPSOIL, STRIP AND STOCKPILE	LS	1	\$ 1,200.00	\$1,200.00	\$600.00	\$600.00	\$2,500.00	\$2,500.00
13	02100	C07.08	TOPSOIL, COMPOST MIXTURE, FURNISH & PLACE	LS	1	\$ 1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$4,000.00	\$4,000.00
14	02900	C08.02	SEEDING, FERTILIZING, DITCH MIX	SY	1,293	\$ 5.00	\$6,465.00	\$1.20	\$1,551.60	\$1.12	\$1,448.16
15		F01.03	6" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	139	\$ 45.00	\$6,255.00	\$54.00	\$7,506.00	\$65.00	\$9,035.00
16		F01.10	8" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	0	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17			8" MJ PLUG AND APPURTENANCES	EA	1	\$ 400.00	\$400.00	\$550.00	\$550.00	\$500.00	\$500.00
18		F13.05	8"x8"x6" MJ TEE AND APPURTENANCES	EA	3	\$ 600.00	\$1,800.00	\$900.00	\$2,700.00	\$800.00	\$2,400.00
19		F13.06	8"x8"x8" MJ TEE AND APPURTENANCES	EA	1	\$ 700.00	\$700.00	\$900.00	\$900.00	\$700.00	\$700.00
20			8" MJ LONG BODY SLEEVE	EA	5	\$ 800.00	\$4,000.00	\$450.00	\$2,250.00	\$600.00	\$3,000.00
21			10" MJ LONG BODY SLEEVE	EA	1	\$ 900.00	\$900.00	\$450.00	\$450.00	\$650.00	\$650.00

22			8" MJ FOSTER ADAPTER	EA	7	\$ 375.00	\$2,625.00	\$400.00	\$2,800.00	\$145.00	\$1,015.00
23			10" MJ FOSTER ADAPTER	EA	1	\$ 425.00	\$425.00	\$550.00	\$550.00	\$800.00	\$800.00
24		F15.04	10" MJ GATE VALVE W/ BOX	EA	1	\$ 2,800.00	\$2,800.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
25		F17.01	FIRE HYDRANT W/ AUX VALVE, BOX	EA	4	\$ 6,000.00	\$24,000.00	\$5,000.00	\$20,000.00	\$7,400.00	\$29,600.00
26		F20.04	1.5" COPPER SERVICE	LF	157	\$ 22.00	\$3,454.00	\$60.00	\$9,420.00	\$65.00	\$10,205.00
27			2" COPPER SERVICE	LF	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28		F23.02	1.5" TAPPING SADDLE & CORP STOP	EA	4	\$ 275.00	\$1,100.00	\$1,050.00	\$4,200.00	\$450.00	\$1,800.00
29			2" TAPPING SADDLE & CORP STOP	EA	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30		F24.02	1.5" CURB STOP & BOX	EA	7	\$ 450.00	\$3,150.00	\$1,300.00	\$9,100.00	\$500.00	\$3,500.00
31			2" CURB STOP & BOX	EA	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32		F26.01	CONNECT TO EXISTING WATER MAIN	EA	2	\$ 1,600.00	\$3,200.00	\$1,000.00	\$2,000.00	\$3,000.00	\$6,000.00
33		F26.02	CONNECT NEW WATER SERVICE	EA	2	\$ 400.00	\$800.00	\$1,100.00	\$2,200.00	\$1,600.00	\$3,200.00
34		H01.01	EROSION AND WATER POLLUTION CONTROL	LS	1	\$ 500.00	\$500.00	\$4,200.00	\$4,200.00	\$2,900.00	\$2,900.00
35		H12.04	REPAIR SILT FENCE	LS	1	\$ 200.00	\$200.00	\$400.00	\$400.00	\$750.00	\$750.00
36		H15.01	9" SEDIMENT CONTROL WATTLES	LF	285	\$ 5.50	\$1,567.50	\$5.00	\$1,425.00	\$6.00	\$1,710.00
37		H16.03	EROSION CONTROL, PERIMETER CONTROL	LF	300	\$ 5.00	\$1,500.00	\$5.50	\$1,650.00	\$6.00	\$1,800.00
38		I01.04	1" AGGREGATE BASE COURSE	TON	100	\$ 35.00	\$3,500.00	\$27.00	\$2,700.00	\$35.00	\$3,500.00
39		I06.01	AC FULL DEPTH REPAIR	TON	62	\$ 195.00	\$12,090.00	\$160.00	\$9,920.00	\$300.00	\$18,600.00
40		I33.01	CONCRETE SIDEWALK, NON-REINFORCED, 4"	SF	25	\$ 15.00	\$375.00	\$12.00	\$300.00	\$25.00	\$625.00
41		I42.01	CONCRETE TEST SET	LS	1	\$ 750.00	\$750.00	\$300.00	\$300.00	\$3,000.00	\$3,000.00
42		J07.02	TEMPORARY FENCE	LF	125	\$ 22.00	\$2,750.00	\$7.00	\$875.00	\$9.50	\$1,187.50
43		L06.01	TRAFFIC CONTROL	LS	1	\$ 800.00	\$800.00	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00
44	03300		CAST-IN-PLACE BUILDING CONCRETE	LS	1	\$ 13,600.00	\$13,600.00	\$19,000.00	\$19,000.00	\$32,000.00	\$32,000.00
45	04810		BRICK MASONRY - EXTERIOR VENEER	LS	1	\$ 20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$28,000.00	\$28,000.00
46	04810		CONCRETE UNIT MASONRY	LS	1	\$ 24,000.00	\$24,000.00	\$23,000.00	\$23,000.00	\$26,000.00	\$26,000.00
47	06100		ROUGH & FINISH CARPENTRY	LS	1	\$ 1,500.00	\$1,500.00	\$25,600.00	\$25,600.00	\$7,000.00	\$7,000.00
48	06160		SHEATHING	LS	1	\$ 1,500.00	\$1,500.00	\$2,900.00	\$2,900.00	\$2,750.00	\$2,750.00

49	06176		WOOD ROOF TRUSSES	LS	1	\$ 3,500.00	\$3,500.00	\$1,100.00	\$1,100.00	\$3,100.00	\$3,100.00
50	06640		PLASTIC PANELING	LS	1	\$ 3,200.00	\$3,200.00	\$1,300.00	\$1,300.00	\$2,600.00	\$2,600.00
51	07210		INSULATION	LS	1	\$ 1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$700.00	\$700.00
52	07311		SHINGLE ROOFING SYSTEM (HIGH IMPACT)	LS	1	\$ 7,500.00	\$7,500.00	\$1,900.00	\$1,900.00	\$5,200.00	\$5,200.00
53	07462		FIBER SUBSTRATE SIDING	LS	1	\$ 5,000.00	\$5,000.00	\$1,650.00	\$1,650.00	\$2,050.00	\$2,050.00
54	07620		SHEET METAL FLASHING, GUTTERS, & DOWNSPOUTS	LS	1	\$ 1,500.00	\$1,500.00	\$900.00	\$900.00	\$3,200.00	\$3,200.00
55	07920		ARCHITECTURAL CAULKING & SEALANTS	LS	1	\$ 1,250.00	\$1,250.00	\$1,200.00	\$1,200.00	\$1,400.00	\$1,400.00
56	08116		DOORS, FRAMES, & HARDWARE	EA	1	\$ 2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	\$9,300.00	\$9,300.00
57	08313		ACCESS DOOR	EA	1	\$ 500.00	\$500.00	\$500.00	\$500.00	\$450.00	\$450.00
58	08520		WINDOWS, FRAMES	EA	3	\$ 900.00	\$2,700.00	\$1,200.00	\$3,600.00	\$1,185.00	\$3,555.00
59	08710		DOOR HARDWARE	LS	1	\$ 1,200.00	\$1,200.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00
60	08800		GLASS	LS	1	\$ 1,200.00	\$1,200.00	\$3,500.00	\$3,500.00	\$750.00	\$750.00
61	09960		METER BUILDING FINISHES - INTERIOR PAINTING AND HIGH PERFORMANCE COATINGS	LS	1	\$ 2,500.00	\$2,500.00	\$2,300.00	\$2,300.00	\$5,900.00	\$5,900.00
62	10140		METER BUILDING SIGNAGE - BUILDING ADDRESS	LS	1	\$ 1,200.00	\$1,200.00	\$1,700.00	\$1,700.00	\$250.00	\$250.00
63	10440		METER BUILDING FIRE EXTINGUISHER	LS	1	\$ 300.00	\$300.00	\$400.00	\$400.00	\$325.00	\$325.00
64	11700		METER BUILDING INTERIOR PIPING	LS	1	\$ 120,000.00	\$120,000.00	\$46,000.00	\$46,000.00	\$70,000.00	\$70,000.00
65	DIV 13		METER BUILDING PRIMARY PROCESS MEASUREMENT DEVICES	LS	1	\$ 15,000.00	\$15,000.00	\$3,700.00	\$3,700.00	\$4,650.00	\$4,650.00
66	DIV 20		METER BUILDING PLUMBING	LS	1	\$ 8,000.00	\$8,000.00	\$9,600.00	\$9,600.00	\$8,500.00	\$8,500.00
67	DIV 22		PLUMBING - EXISTING WRF BUILDINGS	LS	1	\$ 67,091.06	\$67,091.06	\$6,600.00	\$6,600.00	\$82,500.00	\$82,500.00
68	DIV 23		HVAC - SHOP BOILER	LS	1	\$ 58,776.88	\$58,776.88	\$122,000.00	\$122,000.00	\$110,000.00	\$110,000.00
69	DIV 26		METER BUILDING ELECTRICAL	LS	1	\$ 25,773.61	\$25,773.61	\$44,527.00	\$44,527.00	\$47,000.00	\$47,000.00
70			METER BUILDING GRANULATED ENGINEERED FILL	LS	1	\$ 4,500.00	\$4,500.00	\$20,500.00	\$20,500.00	\$6,000.00	\$6,000.00
71			METER BUILDING FREE DRAINING GRANULAR FILL	LS	1	\$ 450.00	\$450.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
72		F01.10	4" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	158	\$ 35.00	\$5,530.00	\$37.00	\$5,846.00	\$68.00	\$10,744.00
73			4" MJ CAP	EA	1	\$ 400.00	\$400.00	\$200.00	\$200.00	\$525.00	\$525.00
74			8"x8"x4" MJ TEE	EA	1	\$ 500.00	\$500.00	\$450.00	\$450.00	\$800.00	\$800.00
75			4" MJ 90 DEGREE BEND	EA	1	\$ 350.00	\$350.00	\$250.00	\$250.00	\$800.00	\$800.00

