

Main Street District Waterlines Replacement Bid Evaluation
 Bid date: 03/31/2022

ITEM NO.	DESCRIPTION	UNIT	WILSON & COMPANY INC.			SMITHCO CONSTRUCTION INC	
			ESTIMATED QTY	UNIT PRICE	COST	UNIT PRICE	COST
1	Mobilization & Demobilization	LS	1	\$ 138,560	\$ 138,560	\$ 525,000	\$ 525,000
2	SWPPP Preparation	LS	1	\$ 12,000	\$ 12,000	\$ 25,000	\$ 25,000
3	SWPPP Implementation and inspection	LS	1	\$ 96,992	\$ 96,992	\$ 25,000	\$ 25,000
4	Construction Sign	LS	1	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,000
5	Construction Survey to include staking, layout and identifying project boundaries.	LS	1	\$ 55,424	\$ 55,424	\$ 100,000	\$ 100,000
6	Traffic Control	LS	1	\$ 265,342	\$ 265,342	\$ 350,000	\$ 350,000
7	Utility Relocation	ALLW	1	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
8	Material Testing Allowance	ALLW	1	\$ 55,540	\$ 55,540	\$ 55,540	\$ 55,540
9	Subsurface Utility Locating	ALLW	1	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
10	SCADA Allowance	ALLW	1	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
COOK ST. TREATMENT FACILITY CONSTRUCTION ITEMS							
11	Site Grading/Excavation	CY	1,000	\$ 10	\$ 10,000	\$ 15	\$ 15,000
12	Engineered Fill/Subgrade Prep for Tank Foundation, Including Compaction and Testing	CY	630	\$ 12	\$ 7,560	\$ 60	\$ 37,800
13	6-inch Gravel Pad, Including Subgrade Prep, Installed	SY	821	\$ 20	\$ 16,420	\$ 13	\$ 10,673
14	Furnish and Install 0.300 Million Gallon Welded Steel Tank, AWWA D100-11,CIP	LS	1	\$ 537,000	\$ 537,000	\$ 550,000	\$ 550,000
15	Tank Foundation, Installed	LS	1	\$ 50,000	\$ 50,000	\$ 160,000	\$ 160,000
16	Furnish and Install Cathodic Protection for Tank, Complete in Place	LS	1	\$ 45,000	\$ 45,000	\$ 25,000	\$ 25,000
17	Furnish and Install 18-Inch DIP, Including Trenching and Compacted Backfill, per APWA Standard Spec. 801, Complete in Place	EA	350	\$ 90	\$ 31,500	\$ 150	\$ 52,500
18	Finish and install Val-Matic Check valve, CIP	EA	2	\$ 10,000	\$ 20,000	\$ 28,000	\$ 56,000
19	Furnish and install ARV w/ Furnish and appurtenances, CIP	EA	2	\$ 8,000	\$ 16,000	\$ 5,000	\$ 10,000
20	Furnish and Install 10" E+H Magmeter, Promag W400, 5W4C2F, DN30 12 9'X5' in precast concrete vault with bypass, and new chlorine injection port, CIP	EA	1	\$ 50,465	\$ 50,465	\$ 40,000	\$ 40,000
21	Furnish and install Pump and Motor w/ VFD	EA	2	\$ 75,000	\$ 150,000	\$ 110,000	\$ 220,000
22	Ductile Iron MJ fittings, class 250,18" Waterlines incl. Joining Material	LB	5,835	\$ 4	\$ 24,507	\$ 6	\$ 35,010
22.A	8" Gate Valves w/ Valve Can, CIP	EA	4	\$ 4,600	\$ 18,400	\$ 28,000	\$ 112,000
23	Furnish and Install 10-Inch Cast Iron Gate Valve (MJ)	EA	2	\$ 1,610	\$ 3,220	\$ 6,000	\$ 12,000
24	Furnish and Install 12-Inch Cast Iron Gate Valve (MJ)	EA	2	\$ 3,266	\$ 6,532	\$ 5,000	\$ 10,000
25	Connect to Existing 18-Inch Waterline, Complete in Place	EA	2	\$ 6,000	\$ 12,000	\$ 8,500	\$ 17,000
26	Furnish and install new gas- chlorination disinfection system, including fiberglass shed,CIP.	EA	1	\$ 51,167	\$ 51,167	\$ 75,000	\$ 75,000
27	Generator, 1MW, 480/277V, 3 Phase, 4W, Diesel Unit and Generator Pad, including subgrade prep reinforcement, Installed	LS	1	\$ 795,257	\$ 795,257	\$ 960,000	\$ 960,000
28	Chlorination Building Foundation Pad, including subgrade prep reinforcement, Installed	LS	1	\$ 9,039	\$ 9,039	\$ 55,000	\$ 55,000
28.A	4 1/2"-Depth Fire Hydrant w/ piping valves, and connection	EA	1	\$ 5,500	\$ 5,500	\$ 10,000	\$ 10,000
29	Furnish and Install 18-Inch DI Mechanically Restrained Joint Assembly, per APWA Standard Spec. 801, Complete in Place	EA	40	\$ 450	\$ 18,000	\$ 360	\$ 14,400
30	12" E+H Magmeter, Promag W400, 5W4C3H, DN30 12, 7'X7' in precast concrete vault with bypass,CIP	EA	1	\$ 31,126	\$ 31,126	\$ 45,000	\$ 45,000
IMPROVEMENTS TO DISTRIBUTION SYSTEM							
31	6-inch FPVC C-900, DR 18 PVC Pipe: Horizontal Directional Drill	LF	66	\$ 136	\$ 8,976	\$ 180	\$ 11,880
32	8-inch FPVC C-900, DR 18 PVC Pipe: Horizontal Directional Drill	LF	653	\$ 159	\$ 103,827	\$ 230	\$ 150,190
33	12-inch FPVC C-900, DR 18 PVC Pipe: Horizontal Directional Drill	LF	340	\$ 205	\$ 69,700	\$ 450	\$ 153,000
35	8" Waterline C-900 DR-18 PVC Pipe Installed	LF	2,142	\$ 72	\$ 154,224	\$ 100	\$ 214,200
36	12" Waterline C-900 DR-18 PVC Pipe Installed	LF	5,433	\$ 74	\$ 402,042	\$ 150	\$ 814,950
38	6-inch FPVC C-900, DR 18 PVC Pipe: Pipe Bursting Method	LF	935	\$ 90	\$ 84,150	\$ 255	\$ 238,425
37	8-inch FPVC C-900, DR 18 PVC Pipe: Pipe Bursting Method	LF	1,556	\$ 117	\$ 182,052	\$ 310	\$ 482,360
38	12-inch FPVC C-900, DR 18 PVC Pipe: Pipe Bursting Method	LF	177	\$ 202	\$ 35,754	\$ 725	\$ 128,325
39	6" PVC pipe restrained coupling installed Series #3800S	EA	10	\$ 325	\$ 3,250	\$ 3,500	\$ 35,000
40	8" PVC pipe restrained coupling installed Series #3808S	EA	6	\$ 640	\$ 3,840	\$ 3,800	\$ 22,800
41	12" PVC pipe restrained coupling installed Series #3812S	EA	3	\$ 970	\$ 2,909	\$ 4,000	\$ 12,000
42	6" Gate Valves w/ Valve Can, CIP	EA	18	\$ 1,050	\$ 18,900	\$ 3,000	\$ 54,000
43	8" Gate Valves w/ Valve Can, CIP	EA	34	\$ 1,300	\$ 44,200	\$ 3,800	\$ 129,200
44	12" Gate Valves w/ Valve Can, CIP	EA	44	\$ 3,300	\$ 145,200	\$ 4,800	\$ 211,200
44.A	1" Combination Air Release Valve (CARV) Assembly	EA	1	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
45	4 1/2"-Depth Fire Hydrant w/ piping valves, and connection	EA	1	\$ 5,500	\$ 5,500	\$ 10,000	\$ 10,000
46	3 1/2"-Depth Fire Hydrant w/ piping valves, and connection	EA	11	\$ 3,050	\$ 33,550	\$ 10,000	\$ 110,000
47	Pressurized waterline connections, CIP	EA	13	\$ 1,184	\$ 15,395	\$ 11,500	\$ 149,500
48	Ductile Iron MJ Fittings, All Sizes, Class 25, CIP	LB	15,255	\$ 6	\$ 91,530	\$ 5	\$ 76,275
49	Joint Restraints 4"-8", CIP	EA	181	\$ 182	\$ 32,942	\$ 150	\$ 27,150
50	Joint Restraints 10"-12", CIP	EA	110	\$ 332	\$ 36,520	\$ 320	\$ 35,200
51	Water Meter Box Remove & Replace,incl connectors & smart valve, compl.	EA	119	\$ 2,706	\$ 322,014	\$ 2,600	\$ 309,400
52	Dewatering of Trench and Bore Pits, CIP	LF	3,000	\$ 53	\$ 159,000	\$ 130	\$ 390,000
53	Temporary water services	EA	3,500	\$ 7.5	\$ 26,250	\$ 35	\$ 122,500
54	Temporary Service connection	LF	32	\$ 790	\$ 25,280	\$ 1,100	\$ 35,200
ROADWAY							
55	Asphalt Roadway, Remove, Dispose and Replace with SP III, 3" Thick for Residential Streets, include Subgrade Prep, CIP	SY	382	\$ 75	\$ 28,633	\$ 70	\$ 26,724
56	Asphalt Roadway, Remove, Dispose and Replace with SP III, 6" Thick for NMDOT ROW, include Subgrade Prep, CIP	SY	7,142	\$ 62	\$ 442,818	\$ 100	\$ 714,222
57	Excavate and Dispose of Unsuitable Material, CIP	CY	11,809	\$ 15	\$ 177,137	\$ 15	\$ 177,137
58	Import of select material	CY	11,809	\$ 15	\$ 177,137	\$ 38	\$ 448,746
59	Geogrid Base Roadway Reinforcement	SY	7,524	\$ 6	\$ 41,382	\$ 5	\$ 37,620
60	Remove and replace Curb and Gutter, CIP	LF	580	\$ 25	\$ 14,500	\$ 35	\$ 20,300
61	Remove and replace Sidewalk, CIP	SY	339	\$ 48	\$ 16,282	\$ 140	\$ 47,460
ELECTRICAL / CONTROLS							
62	Well 1 Demolition and Installation, CIP	LS	1	\$ 26,023	\$ 26,023	\$ 95,000	\$ 95,000
63	Well 2 Demolition and Installation, CIP	LS	1	\$ 59,787	\$ 59,787	\$ 145,000	\$ 145,000
64	Well 6 Demolition and Installation, CIP	LS	1	\$ 30,406	\$ 30,406	\$ 63,000	\$ 63,000
65	Well 7 Demolition and Installation, CIP	LS	1	\$ 30,406	\$ 30,406	\$ 63,000	\$ 63,000
66	Well 8 Demolition and Installation, CIP	LS	1	\$ 30,406	\$ 30,406	\$ 63,000	\$ 63,000
67	Morgan St. Demolition and Installation, CIP	LS	1	\$ 42,500	\$ 42,500	\$ 115,000	\$ 115,000
68	Cemetery St. Demolition and Installation, CIP	LS	1	\$ 58,179	\$ 58,179	\$ 130,000	\$ 130,000
69	Cook St. Demolition and Installation, CIP	LS	1	\$ 612,132	\$ 612,132	\$ 930,000	\$ 930,000
MECHANICAL							
70	Cook St. Demolition, Plumbing, HVAC and Installation, CIP	LS	1	\$ 12,757	\$ 12,757	\$ 28,000	\$ 28,000
					CONSTRUCTION SUBTOTAL	\$ 6,598,039.46	\$ 10,888,887.50
					NMGR (8.5%)	\$ 560,833.35	\$ 925,555.44
					TOTAL ESTIMATED PROJECT COSTS	\$ 7,158,872.82	\$ 12,903,331.68