Project Name: 2019 Annual Water Main Replacement Project, Fairlawn Neighborhood

Project Number: 2019-10

Bid Date: Wednesday, February 20, 2019

Time: 10:00 A.M.

Fund: Water Non-Lake Capital

Organization Code: 81808118
Object Code: 488800

Engineer's Estimate

City Engineering Division

Burdick Plumbing & Heating Co., Inc.
1175 N 20th St
PO Box 496
Decatur, IL 62525

PH: 217-429-2385

Jeff Burdick, VP
jeff@burdickplumbing.com

Item No.	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total
1	6 INCH POLYWRAPPED D.I.P WATER MAIN	260	FEET	$45.00	$11,700.00	$42.00	$10,920.00
2	8 INCH POLYWRAPPED D.I.P WATER MAIN	4,900	FEET	$48.00	$235,200.00	$50.00	$245,000.00
3	12 INCH POLYWRAPPED D.I.P WATER MAIN	2,690	FEET	$75.00	$201,750.00	$70.00	$188,300.00
4	16 INCH X 12 INCH TAPPING SLEEVE AND VALVE, MJ, W/VALVE BOX	1	EACH	$16,000.00	$16,000.00	$9,500.00	$9,500.00
5	12 INCH X 12 INCH TAPPING SLEEVE AND VALVE, MJ, W/VALVE BOX	1	EACH	$12,000.00	$12,000.00	$9,000.00	$9,000.00
6	12 INCH VALVE, MJ WITH VALVE BOX	3	EACH	$8,000.00	$24,000.00	$6,500.00	$19,500.00
7	12 INCH X 12 INCH TEE, MJ	1	EACH	$1,500.00	$1,500.00	$1,500.00	$1,500.00
8	12 INCH X 8 INCH TEE, MJ	7	EACH	$1,200.00	$8,400.00	$1,250.00	$8,750.00
9	12 INCH X 8 INCH REDUCER, MJ	1	EACH	$1,000.00	$1,000.00	$1,000.00	$1,000.00
10	12 INCH X 6 INCH TEE, MJ	5	EACH	$1,000.00	$5,000.00	$1,000.00	$5,000.00
11	12 INCH GRIP RING ACCESSORY KITS	40	EACH	$300.00	$12,000.00	$350.00	$14,000.00
12	12 INCH FIELDLOCK GASKETS	42	EACH	$200.00	$8,400.00	$200.00	$8,400.00
13	12 INCH SLEEVES, MJ	2	EACH	$1,000.00	$2,000.00	$800.00	$1,600.00
14	8 INCH VALVE, MJ WITH VALVE BOX	19	EACH	$3,500.00	$66,500.00	$3,400.00	$64,600.00
15	8 INCH 45 DEGREE BENDS, MJ	10	EACH	$550.00	$5,500.00	$500.00	$5,000.00
16	8 INCH X 8 INCH TEE, MJ	6	EACH	$1,100.00	$6,600.00	$1,000.00	$6,000.00
17	8 INCH GRIP RING ACCESSORY KITS	90	EACH	$275.00	$24,750.00	$250.00	$22,500.00
18	8 INCH FIELDLOCK GASKETS	90	EACH	$175.00	$15,750.00	$175.00	$15,750.00
19	8 INCH SLEEVES, MJ	11	EACH	$550.00	$6,050.00	$500.00	$5,500.00
20	8 INCH X 6 INCH REDUCER, MJ	2	EACH	$800.00	$1,600.00	$750.00	$1,500.00
21	8 INCH X 6 INCH TEE, MJ	8	EACH	$1,000.00	$8,000.00	$1,000.00	$8,000.00
22	8 INCH CAP/PLUG, MJ	5	EACH	$600.00	$3,000.00	$500.00	$2,500.00
23	6 INCH VALVE, MJ WITH VALVE BOX	14	EACH	$2,500.00	$35,000.00	$2,500.00	$35,000.00
24	6 INCH 45 DEGREE BENDS, MJ	2	EACH	$175.00	$350.00	$450.00	$900.00
25	6 INCH GRIP RING ACCESSORY KITS	62	EACH	$150.00	$9,300.00	$150.00	$9,300.00
26	6 INCH SLEEVE, MJ	2	EACH	$500.00	$1,000.00	$400.00	$800.00
27	6 INCH ANCHOR COUPLING	12	EACH	$500.00	$6,000.00	$400.00	$4,800.00
28	6 INCH OFFSET NIPPLE	12	EACH	$750.00	$9,000.00	$400.00	$4,800.00
29	FIRE HYDRANT, 4.5' BURY	9	EACH	$5,400.00	$48,600.00	$5,400.00	$48,600.00
30	FIRE HYDRANT, 5.5' BURY	4	EACH	$6,000.00	$24,000.00	$5,800.00	$23,200.00
31	1 INCH X 20 FT WATER SERVICE (SHORT) W/CORP & CURB STOP, TYPE II	67	EACH	$2,000.00	$134,000.00	$1,900.00	$127,300.00
32	1 INCH X 50 FT SERVICE (LONG) W/CORP & CURB STOP, BORED, TYPE II	66	EACH	$3,500.00	$231,000.00	$3,200.00	$211,200.00
33	1 INCH LONG X 100 FT WATER SERVICE (EXTRA LONG) W/CORP & CURB STOP, BORED, TYPE II	5	EACH	$6,000.00	$30,000.00	$7,100.00	$35,500.00
34	REMOVE FIRE HYDRANT AND ABANDON EXISTING VALVE	8	EACH	$1,600.00	$12,800.00	$1,500.00	$12,000.00
35	ABANDON EXISTING VALVE (REMOVE VALVE BOX)	22	EACH	$1,100.00	$24,200.00	$1,200.00	$26,400.00
36	CUT AND PLUG EXISTING VALVE	1	EACH	$1,100.00	$1,100.00	$1,500.00	$1,500.00

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37	CUT AND CAP EXISTING MAIN	4	EACH	$1,100.00	$4,400.00	$2,000.00	$8,000.00
38	TRENCH BACKFILL	10,000	TONS	$35.00	$350,000.00	$33.00	$330,000.00
39	PAVEMENT SAWCUTS	16,400	FEET	$4.00	$65,600.00	$3.50	$57,400.00
40	5 INCH SIDEWALK REMOVAL	2,000	SQ FT	$5.50	$11,000.00	$6.50	$13,000.00
41	5 INCH PORTLAND CEMENT CONCRETE SIDEWALK REPLACEMENT	2,000	SQ FT	$12.00	$24,000.00	$12.00	$24,000.00
42	TEMPORARY PATCHES, 3 INCH	2,790	SQ YD	$95.00	$265,050.00	$65.00	$181,350.00
43	CLASS D PATCHES, 5 INCH PAVEMENT	1,260	SQ YD	$90.00	$113,400.00	$106.00	$133,560.00
44	CLASS B PATCHES, 8 INCH PAVEMENT	1,750	SQ YD	$125.00	$218,750.00	$135.00	$236,250.00
45	CLASS D PATCHES, 3 INCH DRIVEWAYS	300	SQ YD	$100.00	$30,000.00	$92.00	$27,600.00
46	AGGREGATE DRIVEWAY REPLACEMENT, 8 INCH	800	TON	$35.00	$28,000.00	$40.00	$32,000.00
47	TEMPORARY EROSION CONTROL, SEEDING	100	LB	$25.00	$2,500.00	$20.00	$2,000.00
48	TEMPORARY EROSION CONTROL, PERIMETER BARRIER	100	FEET	$5.00	$500.00	$5.00	$500.00
49	GRADING & SHAPING DITCHES	670	FEET	$7.50	$5,025.00	$65.00	$43,550.00
50	SEEDING, CLASS 1 (LAWN MIXTURE) (100 LB/ACRE)	70	LB	$55.00	$3,850.00	$93.00	$6,510.00
51	PHOSPHORUS FERTILIZER NUTRIENT (90 LB/ACRE)	74	LB	$3.00	$222.00	$6.00	$444.00
52	POTASSIUM FERTILIZER NUTRIENT	74	LB	$3.00	$222.00	$6.00	$444.00
53	NITROGEN FERTILIZER NUTRIENT (90 LB/ACRE)	74	LB	$3.00	$222.00	$6.00	$444.00
54	MULCH, METHOD 2 (2 TONS/ACRE)	2	TON	$1,200.00	$2,400.00	$2,300.00	$4,600.00
55	EXPLORATION EXCAVATIONS	36	EACH	$750.00	$27,000.00	$750.00	$27,000.00
56	12 INCH CASINGS	180	FEET	$75.00	$13,500.00	$61.00	$10,980.00
57	16 INCH CASINGS	100	FEET	$100.00	$10,000.00	$115.00	$11,500.00
58	LINE STOP, 6-IN	1	EACH	$5,000.00	$5,000.00	$6,500.00	$6,500.00
59	TRAFFIC CONTROL	1	LSUM	$75,000.00	$75,000.00	$130,000.00	$130,000.00
60	MOBILIZATION	1	LSUM	$75,000.00	$75,000.00	$50,000.00	$50,000.00
61	WATERMAIN TO BE FILLED, 6 INCH	700	LF	$18.00	$12,600.00	$10.00	$7,000.00
62	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK	1	LSUM	$85,000.00	$85,000.00	$85,000.00	$85,000.00
	TOTAL BIDS (AS CORRECTED)				$2,671,291.00		$2,624,752.00
	Percent Over Under ENGINEER'S ESTIMATE						-1.74%

Paul E. Caswell, P.E., City Engineer

2/20/2019
Date