


Project Name: 2022 Annual Water Main Extension Project Berry, Dunes, Sands, Solar, Michagan Ave, Danceland Rd and South Shores Drive Area Project Number: 2022-10 BID DATE: Thursday, November 3, 2022 TIME: 10:00 A.M. Fund: Organization Code: Object Code:				Engineer's Estimate City Engineering Division		A&R Mechanical Services, Inc., dba A&R Services, Inc. 711 Kettering Park Dr. Urbana, IL 61801 217-367-4227		Burdick Plumbing & Heating Co., Inc. 1175 N 20th P.O. Box 496 Decatur, IL 62525 217-429-2385	
Item Number	Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
56103000	6 INCH POLYWRAPPED D.I.P. WATER MAIN	3000	FEET	\$70.00	\$210,000.00	\$66.12	\$198,360.00	\$50.00	\$150,000.00
56103100	8 INCH POLYWRAPPED D.I.P. WATER MAIN	2520	FEET	\$80.00	\$201,600.00	\$81.31	\$204,901.20	\$56.00	\$141,120.00
56109080	12X8 INCH TAPPING SLEEVE AND VALVE, MJ	1	EA	\$9,000.00	\$9,000.00	\$5,827.50	\$5,827.50	\$8,000.00	\$8,000.00
56109420	8 INCH 45 DEGREE BENDS, MJ	4	EA	\$800.00	\$3,200.00	\$116.50	\$466.00	\$1,000.00	\$4,000.00
56109400	8 INCH 11.25 DEGREE BENDS, MJ	2	EA	\$800.00	\$1,600.00	\$449.69	\$899.38	\$1,000.00	\$2,000.00
56100015	8'X6" INCH TEE, MJ	7	EA	\$800.00	\$5,600.00	\$662.48	\$4,637.36	\$1,200.00	\$8,400.00
X0327719	8' PLUG MJ	1	EA	\$500.00	\$500.00	\$333.15	\$333.15	\$900.00	\$900.00
56103101	8 INCH GRIP RING ACCESSORY KITS	24	EA	\$300.00	\$7,200.00	\$102.55	\$2,461.20	\$500.00	\$12,000.00
56103102	8 INCH FIELDLOCK GASKETS	26	EA	\$225.00	\$5,850.00	\$109.54	\$2,848.04	\$400.00	\$10,400.00
56108800	6 INCH X 6 INCH TAPPING SLEEVE AND VALVE, MJ, W/VALVE BOX	6	EA	\$8,000.00	\$48,000.00	\$3,856.19	\$23,137.14	\$7,500.00	\$45,000.00
56104900	6 INCH VALVE, MJ WITH VALVE BOX	14	EA	\$3,500.00	\$49,000.00	\$1,713.89	\$23,994.46	\$3,750.00	\$52,500.00
56109419	6 INCH 90 DEGREE BENDS, MJ	1	EA	\$600.00	\$600.00	\$446.19	\$446.19	\$900.00	\$900.00
56109418	6 INCH 45 DEGREE BENDS, MJ	8	EA	\$600.00	\$4,800.00	\$417.06	\$3,336.48	\$900.00	\$7,200.00
56109417	6 INCH 22.5 DEGREE BENDS, MJ	8	EA	\$600.00	\$4,800.00	\$408.90	\$3,271.20	\$900.00	\$7,200.00
56100005	6 INCH X 6 INCH TEE, MJ	13	EA	\$800.00	\$10,400.00	\$461.67	\$6,001.71	\$1,000.00	\$13,000.00
X0100017	6 INCH CAP/PLUG, MJ	2	EA	\$600.00	\$1,200.00	\$279.55	\$559.10	\$800.00	\$1,600.00
56103001	6 INCH GRIP RING ACCESSORY KITS	137	EA	\$250.00	\$34,250.00	\$75.75	\$10,377.75	\$400.00	\$54,800.00
56103002	6 INCH FIELDLOCK GASKETS	50	EA	\$200.00	\$10,000.00	\$93.23	\$4,661.50	\$350.00	\$17,500.00
X1200020	6 INCH SLEEVE, MJ	4	EA	\$600.00	\$2,400.00	\$348.30	\$1,393.20	\$1,000.00	\$4,000.00
X1200024	6 INCH FRICTION CLAMP	2	EA	\$400.00	\$800.00	\$262.07	\$524.14	\$1,200.00	\$2,400.00
X0100017	6 INCH ANCHOR COUPLING	7	EA	\$1,200.00	\$8,400.00	\$678.74	\$4,751.18	\$1,200.00	\$8,400.00
X0100017	6 INCH OFFSET NIPPLE	4	EA	\$900.00	\$3,600.00	\$520.77	\$2,083.08	\$1,500.00	\$6,000.00
X05620029	WATER SERVICE RECONNECT	5	EA	\$2,000.00	\$10,000.00	\$2,298.15	\$11,490.75	\$4,000.00	\$20,000.00
56400600	FIRE HYDRANT, 4.5' BURY	15	EA	\$4,500.00	\$67,500.00	\$5,135.97	\$77,039.55	\$8,500.00	\$127,500.00
20800150	TRENCH BACKFILL	2300	CU YDS	\$75.00	\$172,500.00	\$77.96	\$179,308.00	\$85.00	\$195,500.00
44213200	PAVEMENT SAW CUTS	7000	FEET	\$5.00	\$35,000.00	\$2.33	\$16,310.00	\$5.00	\$35,000.00
59300100	CONTROLLED LOW STRENGTH MATERIAL	20	CU YDS	\$150.00	\$3,000.00	\$160.65	\$3,213.00	\$250.00	\$5,000.00
44201701	CLASS D PATCHES, 5 INCH PAVEMENT	1800	SQ YDS	\$150.00	\$270,000.00	\$143.34	\$258,012.00	\$160.00	\$288,000.00
44000200	DRIVEWAY PAVEMENT REMOVAL	61	SQ YDS	\$25.00	\$1,525.00	\$36.10	\$2,202.10	\$43.00	\$2,623.00
44200901	CONCRETE DRIVEWAY REPLACEMENT, 6 INCH	11	SQ YDS	\$125.00	\$1,375.00	\$202.57	\$2,228.27	\$190.00	\$2,090.00
44201681	ASPHALT DRIVEWAY REPLACEMENT, 3 INCH	50	SQ YDS	\$135.00	\$6,750.00	\$198.11	\$9,905.50	\$205.00	\$10,250.00
25000100	SEEDING, CLASS 1 (LAWN MIXTURE) (100 LB/ACRE)	40	LB	\$500.00	\$20,000.00	\$142.77	\$5,710.80	\$125.00	\$5,000.00
25000500	PHOSPHORUS FERTILIZER NUTRIENT (90 LB/ACRE)	35	LB	\$15.00	\$525.00	\$3.50	\$122.50	\$40.00	\$1,400.00

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Item Number	Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
25000600	POTASSIUM FERTILIZER NUTRIENT (90 LB/ACRE)	35	LB	\$15.00	\$525.00	\$3.50	\$122.50	\$40.00	\$1,400.00
25000400	NITROGEN FERTILIZER NUTRIENT (90 LB/ACRE)	35	LB	\$15.00	\$525.00	\$3.50	\$122.50	\$40.00	\$1,400.00
25100105	MULCH, METHOD 2 (2 TONS/ACRE)	1	TONS	\$20,000.00	\$20,000.00	\$4,237.70	\$4,237.70	\$8,000.00	\$8,000.00
X0327678	EXPLORATION EXCAVATIONS	10	EA	\$1,000.00	\$10,000.00	\$661.96	\$6,619.60	\$1,500.00	\$15,000.00
70102620	TRAFFIC CONTROL	1	LSUM	\$20,000.00	\$20,000.00	\$12,365.54	\$12,365.54	\$30,000.00	\$30,000.00
67100100	MOBILIZATION	1	LSUM	\$35,000.00	\$35,000.00	\$17,910.22	\$17,910.22	\$104,000.00	\$104,000.00
Z0009000	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK	1	LSUM	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
	BASE BID TOTAL				\$1,447,025.00		\$1,262,191.49		\$1,559,483.00
	ALTERNATE "A" DANCELAND ROAD								
56103100	8 INCH POLYWRAPPED D.I.P. WATER MAIN	1320	FEET	\$80.00	\$105,600.00	\$81.31	\$107,329.20	\$60.00	\$79,200.00
56108900	16X8 INCH TAPPING SLEEVE AND VALVE, MJ	1	EA	\$11,000.00	\$11,000.00	\$6,696.44	\$6,696.44	\$12,000.00	\$12,000.00
56109420	8 INCH 22.5 DEGREE BENDS, MJ	2	EA	\$800.00	\$1,600.00	\$115.65	\$231.30	\$1,000.00	\$2,000.00
56100015	8'X6" INCH TEE, MJ	2	EA	\$800.00	\$1,600.00	\$662.64	\$1,325.28	\$1,000.00	\$2,000.00
56101150	8'X6" INCH REDUCER, MJ	1	EA	\$800.00	\$800.00	\$340.22	\$340.22	\$1,000.00	\$1,000.00
56103101	8 INCH GRIP RING ACCESSORY KITS	10	EA	\$300.00	\$3,000.00	\$102.57	\$1,025.70	\$500.00	\$5,000.00
56103102	8 INCH FIELDLOCK GASKETS	10	EA	\$250.00	\$2,500.00	\$109.57	\$1,095.70	\$400.00	\$4,000.00
56104900	6 INCH VALV, MJ WITH VALVE BOX	3	EA	\$3,500.00	\$10,500.00	\$1,714.28	\$5,142.84	\$4,000.00	\$12,000.00
56103001	6 INCH GRIP RING ACCESSORY KITS	4	EA	\$250.00	\$1,000.00	\$75.76	\$303.04	\$400.00	\$1,600.00
X0100017	6 INCH ANCHOR COUPLING	3	EA	\$1,200.00	\$3,600.00	\$678.89	\$2,036.67	\$1,200.00	\$3,600.00
56400600	FIRE HYDRANT, 4.5' BURY	3	EA	\$4,500.00	\$13,500.00	\$5,137.14	\$15,411.42	\$8,000.00	\$24,000.00
20800150	TRENCH BACKFILL	20	CU YDS	\$75.00	\$1,500.00	\$77.98	\$1,559.60	\$200.00	\$4,000.00
44213200	PAVEMENT SAW CUTS	200	FEET	\$5.00	\$1,000.00	\$2.33	\$466.00	\$30.00	\$6,000.00
44201701	CLASS D PATCHES, 5 INCH PAVEMENT	10	SQ YDS	\$125.00	\$1,250.00	\$582.79	\$5,827.90	\$600.00	\$6,000.00
	TOTAL BASE BID				\$1,447,025.00		\$1,262,191.49		\$1,559,483.00
	TOTAL BID WITH ALTERNATE "A" (AS CORRECTED)				\$1,605,475.00		\$1,410,982.80		\$1,721,883.00
	Percent Over Under ENGINEER'S ESTIMATE						-12.11%		7.25%


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

11/14/2022
Date