

City of Canton Water Department

Edgefield Area Water Main Replacement Phase 1 - TAG 576

Bid Opening: October 5, 2021

Engineer's Estimate: \$1,572,362.00

(1) Bid Item	(2) ODOT Item	(2B) Description	(3) Qty	(4) Unit	Eng. Unit Price	Eng. Total Price	WENGER EXCAVATING				DiGioia				Northeast Ohio Trenching Services, Inc				LOCKHART CONCRETE Co.			
							(5) Labor	(6) Material	(7=5+6) Total Unit Price	(8=3x7) Total Amount	(5) Labor	(6) Material	(7=5+6) Total Unit Price	(8=3x7) Total Amount	(5) Labor	(6) Material	(7=5+6) Total Unit Price	(8=3x7) Total Amount	(5) Labor	(6) Material	(7=5+6) Total Unit Price	(8=3x7) Total Amount
Roadway																						
1	201	CLEARING AND GRUBBING	1	LUMP	\$5,000.00	\$5,000.00	\$788.00	\$0.00	\$788.00	\$788.00	\$10,700.00	\$0.00	\$10,700.00	\$10,700.00	\$10,000.00	\$0.00	\$10,000.00	\$10,000.00	\$2,450.00	\$2,450.00	\$4,900.00	\$4,900.00
2	254	PAVEMENT PLANING, ASPHALT CONCRETE	4885	S.Y.	7.00	34,195.00	3.55	-	3.55	17,341.75	10.80	-	10.80	52,758.00	3.00	-	3.00	14,655.00	5.00	5.20	10.20	49,827.00
3	301	6" ASPHALT CONCRETE BASE, PG 64-22	667	C.Y.	200.00	133,400.00	34.90	122.60	157.50	105,052.50	100.00	90.00	190.00	126,730.00	45.00	140.00	185.00	123,395.00	80.00	100.00	180.00	120,060.00
4	304	6" AGGREGATE BASE	399	C.Y.	55.00	21,945.00	17.90	49.40	67.30	26,852.70	12.00	30.00	42.00	16,758.00	21.00	44.00	65.00	25,935.00	25.00	30.00	55.00	21,945.00
5	304	6" AGGREGATE BASE (DRIVEWAYS)	3	C.Y.	100.00	300.00	17.90	49.40	67.30	201.90	100.00	44.00	144.00	432.00	60.00	80.00	140.00	420.00	25.00	30.00	55.00	165.00
6	407	TACK COAT AT 0.075 G/SY	366	GAL	7.00	2,562.00	1.25	1.65	2.90	1,061.40	1.20	2.00	3.20	1,171.20	1.00	4.00	5.00	1,830.00	1.00	2.00	3.00	1,098.00
7	441	1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG 70-22M	203	C.Y.	300.00	60,900.00	40.70	149.80	190.50	38,671.50	200.00	120.00	320.00	64,960.00	50.00	155.00	205.00	41,615.00	100.00	200.00	300.00	60,900.00
8	609	CANTON TYPE 2 STANDARD COMBINED CONCRETE CURB AND GUTTER	20	L.F.	50.00	1,000.00	29.70	26.80	56.50	1,130.00	60.00	20.00	80.00	1,600.00	50.00	50.00	100.00	2,000.00	20.00	10.00	30.00	600.00
9	611	CATCH BASIN, MISC.: SQUARE TOP CATCH BASIN SCD#4, AS PER PLAN	1	EACH	2,500.00	2,500.00	879.00	1,477.00	2,356.00	2,356.00	1,000.00	2,250.00	3,250.00	3,250.00	600.00	1,350.00	1,950.00	1,950.00	400.00	800.00	1,200.00	1,200.00
10	653	4" TOPSOIL FURNISHED AND PLACED	1	LUMP	12,000.00	12,000.00	1,802.00	1,989.00	3,791.00	3,791.00	20,000.00	5,000.00	25,000.00	25,000.00	10,000.00	15,000.00	25,000.00	25,000.00	4,000.00	6,000.00	10,000.00	10,000.00
11	659	SEEDING AND MULCHING	1	LUMP	12,000.00	12,000.00	1,679.00	3,923.00	5,602.00	5,602.00	3,000.00	500.00	3,500.00	3,500.00	12,000.00	6,000.00	18,000.00	18,000.00	2,900.00	2,000.00	4,900.00	4,900.00
Water Work																						
12	638	ABANDON VALVE	10	EACH	550.00	5,500.00	164.00	108.00	272.00	2,720.00	300.00	100.00	400.00	4,000.00	300.00	100.00	400.00	4,000.00	20.00	30.00	50.00	500.00
13	638	FIRE HYDRANT AND GATE VALVE REMOVED, HYDRANT TEE PLUGGED	7	EACH	1,000.00	7,000.00	400.00	333.00	733.00	5,131.00	500.00	120.00	620.00	4,340.00	900.00	300.00	1,200.00	8,400.00	400.00	600.00	1,000.00	7,000.00
14	638	1" WATER SERVICE, COMPLETE - LONG SIDE	77	EACH	2,200.00	169,400.00	942.00	1,199.00	2,141.00	164,857.00	1,000.00	650.00	1,650.00	127,050.00	400.00	650.00	1,050.00	80,850.00	400.00	600.00	1,000.00	77,000.00
15	638	1" WATER SERVICE, COMPLETE - SHORT SIDE	79	EACH	1,500.00	118,500.00	632.00	1,151.00	1,783.00	140,857.00	800.00	600.00	1,400.00	110,600.00	400.00	550.00	950.00	75,050.00	300.00	500.00	800.00	63,200.00
16	638	2" POLYETHYLENE SERVICE MAIN W/ FITTINGS	110	L.F.	28.00	3,080.00	24.70	25.90	50.60	5,566.00	20.00	10.00	30.00	3,300.00	3.00	3.00	6.00	660.00	20.00	28.00	48.00	5,280.00
17	638	2" CURB VALVE AND VALVE BOX, COMPLETE	1	EACH	850.00	850.00	303.00	749.00	1,052.00	1,052.00	100.00	610.00	710.00	710.00	400.00	600.00	1,000.00	1,000.00	400.00	400.00	800.00	800.00
18	638	2" BLOW OFF ASSEMBLY, COMPLETE	1	EACH	2,100.00	2,100.00	457.00	1,229.00	1,686.00	1,686.00	300.00	1,200.00	1,500.00	1,500.00	450.00	800.00	1,250.00	1,250.00	300.00	450.00	750.00	750.00
19	638	6" WATER MAIN DUCTILE IRON PIPE, CLASS 52	6433	L.F.	100.00	643,300.00	27.60	53.80	81.40	523,646.20	50.00	32.00	82.00	527,506.00	55.00	85.00	140.00	900,620.00	78.00	60.00	138.00	887,754.00
20	638	8" WATER MAIN DUCTILE IRON PIPE, CLASS 52	611	L.F.	130.00	79,430.00	29.00	59.80	88.80	54,256.80	60.00	42.00	102.00	62,322.00	45.00	95.00	140.00	85,540.00	88.99	74.00	162.99	99,586.89
21	638	6 INCH GATE VALVE AND VALVE BOX, COMPLETE	14	EACH	1,650.00	23,100.00	464.00	1,379.00	1,843.00	25,802.00	325.00	800.00	1,125.00	15,750.00	350.00	1,200.00	1,550.00	21,700.00	990.00	1,000.00	1,990.00	27,860.00
22	638	8 INCH GATE VALVE AND VALVE BOX, COMPLETE	1	EACH	2,500.00	2,500.00	579.00	1,638.00	2,217.00	2,217.00	400.00	1,200.00	1,600.00	1,600.00	1,000.00	2,800.00	3,800.00	3,800.00	1,000.00	1,405.00	2,405.00	2,405.00
23	638	6 INCH 45 DEGREE BEND	15	EACH	700.00	10,500.00	110.00	241.00	351.00	5,265.00	200.00	220.00	420.00	6,300.00	200.00	200.00	400.00	6,000.00	200.00	485.00	685.00	10,275.00
24	638	6 INCH 22.5 DEGREE BEND	2	EACH	700.00	1,400.00	110.00	238.00	348.00	696.00	200.00	200.00	400.00	800.00	200.00	300.00	500.00	1,000.00	150.00	527.00	677.00	1,354.00
25	638	6 INCH 11.25 DEGREE BEND	2	EACH	700.00	1,400.00	110.00	237.00	347.00	694.00	200.00	200.00	400.00	800.00	200.00	300.00	500.00	1,000.00	250.00	431.00	681.00	1,362.00
26	638	6 INCH PLUG	15	EACH	700.00	10,500.00	106.00	198.00	304.00	4,560.00	800.00	200.00	1,000.00	15,000.00	200.00	200.00	400.00	6,000.00	150.00	260.00	410.00	6,150.00
27	638	6 INCH X 6 INCH X 6 INCH TEE	1	EACH	1,000.00	1,000.00	232.00	657.00	889.00	889.00	200.00	350.00	550.00	550.00	200.00	400.00	600.00	600.00	300.00	501.00	801.00	801.00
28	638	6 INCH X 6 INCH CROSS	3	EACH	1,500.00	4,500.00	314.00	709.00	1,023.00	3,069.00	200.00	550.00	750.00	2,250.00	200.00	450.00	650.00	1,950.00	400.00	520.00	920.00	2,760.00
29	638	6 INCH CUT IN SLEEVE	8	EACH	600.00	4,800.00	538.00	555.00	1,093.00	8,744.00	1,550.00	400.00	1,950.00	15,600.00	600.00	400.00	1,000.00	8,000.00	200.00	480.00	680.00	5,440.00
30	638	HYDRANT ASSEMBLY	12	EACH	5,800.00	69,600.00	871.00	4,389.00	5,260.00	63,120.00	2,000.00	3,600.00	5,600.00	67,200.00	2,000.00	4,500.00	6,500.00	78,000.00	2,500.00	3,500.00	6,000.00	72,000.00
31	638	8 INCH 45 DEGREE BEND	8	EACH	800.00	6,400.00	167.00	307.00	474.00	3,792.00	200.00	300.00	500.00	4,000.00	225.00	325.00	550.00	4,400.00	200.00	360.00	560.00	4,480.00
32	638	8 INCH 22.5 DEGREE BEND	2	EACH	800.00	1,600.00	166.00	306.00	472.00	944.00	200.00	300.00	500.00	1,000.00	225.00	325.00	550.00	1,100.00	225.00	332.00	557.00	1,114.00
33	638	8 INCH PLUG	2	EACH	800.00	1,600.00	139.00	244.00	383.00	766.00	800.00	300.00	1,100.00	2,200.00	225.00	325.00	550.00	1,100.00	175.00	276.00	451.00	902.00
34	638	8 INCH X 8 INCH X 6 INCH TEE	1	EACH	1,500.00	1,500.00	288.00	655.00	943.00	943.00	300.00	350.00	650.00	650.00	250.00	450.00	700.00	700.00	250.00	423.00	673.00	673.00
35	638	8 INCH X 6 INCH REDUCER	1	EACH	800.00	800.00	149.00	299.00	448.00	448.00	200.00	180.00	380.00	380.00	225.00	375.00	600.00	600.00	200.00	307.00	507.00	507.00
36	638	8 INCH CAP WITH 2 INCH TAP OUTLET	1	EACH	1,200.00	1,200.00	198.00	338.00	536.00	536.00	200.00	250.00	450.00	450.00	225.00	275.00	500.00	500.00	225.00	239.00	464.00	464.00
Incidentals																						
37	832	EROSION CONTROL, COMPLETE	1	LUMP	20,000.00	20,000.00	2,979.00	1,876.00	4,855.00	4,855.00	3,000.00	500.00	3,500.00	3,500.00	6,500.00	1,500.00	8,000.00	8,000.00	2,000.00	4,000.00	6,000.00	6,000.00
38	614	MAINTAINING TRAFFIC	1	LUMP	40,000.00	40,000.00	12,997.00	14,796.00	27,793.00	27,793.00	60,000.00	5,000.00	65,000.00	65,000.00	15,000.00	-	15,000.00	15,000.00	30,000.00	19,000.00	49,000.00	49,000.00
39	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LUMP	15,000.00	15,000.00	2,468.00	1,637.00	4,105.00	4,105.00	19,500.00	-	19,500.00	19,500.00	8,000.00	-	8,000.00	8,000.00	11,000.00	8,000.00	19,000.00	19,000.00
40	624	MOBILIZATION	1	LUMP	40,000.00	40,000.00	26,532.00	21,832.00	48,364.00	48,364.00	44,500.00	-	44,500.00	44,500.00	50,000.00	-	50,000.00	50,000.00	10,000.00	9,000.00	19,000.00	19,000.00
					TOTAL =	\$1,572,362.00	CALCULATED TOTAL:				\$1,310,222.75	CALCUL										