City of Warren
12 Mile Road Water Main Replacement
Dequindre Rd to Ryan Rd
Contract No.W-19-665
ITB-W-9823



	Bid Tab	Lawrence M Clark, Inc			Bidigaire Contractors		Pamar Enterprises		
		50850 Bemis		939 S Mill St		58021 Gratiot Avenue			
		Belleville, MI 48111		Plymouth, MI 48170		New Haven, MI 48048			
		(734) 481-1565		(248) 735-1113		(586) 749-8593			
	SECTION I								
		-		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	Mobilization	1		\$85,570.89	\$85,570.89	\$80,000.00	\$80,000.00	\$92,000.00	\$92,000.00
2	Pavement Removal	3000	syd	\$15.00	\$45,000.00	\$12.90	\$38,700.00	\$12.00	\$36,000.00
3	Sidewalk, Removal	2795	sft	\$1.00	\$2,795.00	\$1.30	\$3,633.50	\$2.00	\$5,590.00
4	Gate Valve & Box, Rem	1	ea	\$600.00	\$600.00	\$398.00	\$398.00	\$200.00	\$200.00
5	Gate Valve & Well, Rem	19	ea	\$800.00	\$15,200.00	\$709.00	\$13,471.00	\$350.00	\$6,650.00
6	Hydrant, Rem	7	ea	\$800.00	\$5,600.00	\$474.00	\$3,318.00	\$350.00	\$2,450.00
7	Water Main, 8" D.I.	398	lft	\$96.00	\$38,208.00	\$162.00	\$64,476.00	\$170.00	\$67,660.00
8	Water Main, 12" D.I.	1974	lft	\$120.00	\$236,880.00	\$130.00	\$256,620.00	\$190.00	\$375,060.00
9	Polyethylene Encasement for D.I.W.M.	2372	lft	\$1.00	\$2,372.00	\$1.00	\$2,372.00	\$0.50	\$1,186.00
10	Water Main, 12" HDPE, DR 11, Pipe Burst	1870	lft	\$136.00	\$254,320.00	\$140.00	\$261,800.00	\$190.00	\$355,300.00
11	Water Main, 12" HDPE,DR 11, HDD	968	lft	\$136.00	\$131,648.00	\$130.00	\$125,840.00	\$190.00	\$183,920.00
12	Water Main, 12", Abandon in Place	2956	lft	\$5.00	\$14,780.00	\$4.00	\$11,824.00	\$0.27	\$798.12
13	Water Main, 8", Abandon in Place	431	lft	\$5.00	\$2,155.00	\$40.00	\$17,240.00	\$0.15	\$64.65
14	Water Service, Short, Type K Copper, 1"	6	ea	\$600.00	\$3,600.00	\$1,050.00	\$6,300.00	\$2,250.00	\$13,500.00
15	Water Service, Short, Type K Copper, up to 2"	6	ea	\$1,100.00	\$6,600.00	\$1,800.00	\$10,800.00	\$3,000.00	\$18,000.00
16	Water Service, Short, Type K Copper, 2 1/2" & larger	1	ea	\$1,700.00	\$1,700.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
17	Water Service, Long, Type K Cooper, 1", include bore	2	ea	\$1,700.00	\$3,400.00	\$1,830.00	\$3,660.00	\$3,850.00	\$7,700.00
18	Water Service, Long, Type K Cooper, up to 2", include bore	8	ea	\$2,500.00	\$20,000.00	\$2,690.00	\$21,520.00	\$5,000.00	\$40,000.00
19	Water Service, Long, 2-1/2" and larger, include bore	2	ea	\$3,000.00	\$6,000.00	\$6,020.00	\$12,040.00	\$8,500.00	\$17,000.00
20	Water Service Box, 1"	8	ea	\$500.00	\$4,000.00	\$480.00	\$3,840.00	\$650.00	\$5,200.00
21	Water Service Box, up to 2"	14	ea	\$900.00	\$12,600.00	\$770.00	\$10,780.00	\$800.00	\$11,200.00
22	Water Service Box, 2 1/2" and larger	3	ea	\$1,200.00	\$3,600.00	\$1,660.00	\$4,980.00	\$1,000.00	\$3,000.00
23	Gate Valve and Well, 8"	11	ea	\$4,500.00	\$49,500.00	\$5,400.00	\$59,400.00	\$6,500.00	\$71,500.00
24	Gate Valve and Well, 12"	13	ea	\$6,000.00	\$78,000.00	\$7,620.00	\$99,060.00	\$8,000.00	\$104,000.00
25	Temporary Line Stop	4	ea	\$12,000.00	\$48,000.00	\$1.00	\$4.00	\$500.00	\$2,000.00
26	8" Water Main Connection	18	ea	\$2,500.00	\$45,000.00	\$2,930.00	\$52,740.00	\$450.00	\$8,100.00
27	12" Water Main Connection	2	ea	\$3,000.00	\$6,000.00	\$4,820.00	\$9,640.00	\$11,500.00	\$23,000.00
28	Fire Hydrant Assembly	8	ea	\$5,000.00	\$40,000.00	\$6,350.00	\$50,800.00	\$7,500.00	\$60,000.00
29	Aggregate Base, 6", CIP, 21AA	1083	ton	\$20.00	\$21,660.00	\$27.50	\$29,782.50	\$30.00	\$32,490.00
30	HMA, 5E3, (2" Lift)	117	ton	\$200.00	\$23,400.00	\$267.00	\$31,239.00	\$195.00	\$22,815.00
31	HMA, 4E3, (2" Lift)	117	ton	\$200.00	\$23,400.00	\$267.00	\$31,239.00	\$195.00	\$22,815.00
32	HMA, 2E3, (4" Lift)	234	ton	\$200.00	\$46,800.00	\$267.00	\$62,478.00	\$195.00	\$45,630.00
33	Conc Pavt w/Integral Curb, Nonreinf, 9"	1068	Syd	\$66.00	\$70,488.00	\$80.00	\$85,440.00	\$91.00	\$97,188.00
34	Conc Driveway, Nonreinf, 8"	680	Syd	\$60.00	\$40,800.00	\$55.00	\$37,400.00	\$90.00	\$61,200.00
35	Remove and Replace Brick Paver Drive on Agg and Sand Bed	1	LS	\$7,500.00	\$7,500.00	\$1,200.00	\$1,200.00	\$1.00	\$1.00
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36	Driveway Opening, Conc, Det M	868	lft	\$37.00	\$32,116.00	\$32.25	\$27,993.00	\$44.50	\$38,626.00
37	Concrete Sidewalk, 4"	2270	sft	\$6.00	\$13,620.00	\$7.00	\$15,890.00	\$8.00	\$18,160.00
38	Conc. ADA Ramp, 6" w/detectable warning	523	sft	\$14.00	\$7,322.00	\$12.50	\$6,537.50	\$22.00	\$11,506.00
39	Maintenance Gravel	200	ton	\$25.00	\$5,000.00	\$22.25	\$4,450.00	\$10.00	\$2,000.00
40	Hand Patching	468	ton	\$350.00	\$163,800.00	\$273.00	\$127,764.00	\$1.00	\$468.00
41	Subgrade Undercutting, 1 x 3	100	Cyd	\$50.00	\$5,000.00	\$38.50	\$3,850.00	\$30.00	\$3,000.00
42	Seed & Mulch w/3" Topsoil	3100	syd	\$5.00	\$15,500.00	\$11.00	\$34,100.00	\$8.00	\$24,800.00
43	Class A Sod w/3" Topsoil	1300	syd	\$8.00	\$10,400.00	\$14.00	\$18,200.00	\$9.00	\$11,700.00
44	Minor Traffic Control Devices	1	ls	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$31,000.00	\$31,000.00
45	Traf Regulator Control	1	ls	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00
46	MDOT Plastic Drum, High Int, Furn & Oper	160	ea	\$25.00	\$4,000.00	\$12.00	\$1,920.00	\$12.00	\$1,920.00
47	MDOT Type III Barricade w/Type C Lights, 8' Min. Width, Furn & Oper	4	ea	\$100.00	\$400.00	\$40.00	\$160.00	\$40.00	\$160.00
48	MDOT G20-2 "End Construction" Sign, w/Support, Furn & Oper	2	ea	\$60.00	\$120.00	\$35.00	\$70.00	\$35.00	\$70.00
49	MDOT R5-18aLA "Fines Doubled in Work Zone" Sign, w/Support, Furn & Oper	2	ea	\$110.00	\$220.00	\$45.00	\$90.00	\$45.00	\$90.00
50	MDOT R5-18bLA "Injure/Kill a Worker" Sign, w/Support, Furn & Oper	2	ea	\$110.00	\$220.00	\$45.00	\$90.00	\$45.00	\$90.00
51	MDOT W20-1 "Road Work Ahead" Sign, w/Support, Furn & Oper	3	ea	\$100.00	\$300.00	\$40.00	\$120.00	\$40.00	\$120.00
52	MDOT W3-5b "Reduced Speed Zone Ahead" Sign, w/Support, Furn & Oper	2	ea	\$100.00	\$200.00	\$40.00	\$80.00	\$40.00	\$80.00
53	MDOT W1-4b "Reverse Curve" Sign, w/Support, Furn & Oper	2	ea	\$100.00	\$200.00	\$40.00	\$80.00	\$40.00	\$80.00
54	MDOT R5-18c "Work Zone Begins" Sign, w/Support, Furn & Oper	2	ea	\$100.00	\$200.00	\$40.00	\$80.00	\$40.00	\$80.00
55	MDOT R2-1 "Speed Limit" Sign, w/Support, Furn & Oper	6	ea	\$120.00	\$720.00	\$45.00	\$270.00	\$45.00	\$270.00
56	MDOT W1-6 "Direction Arrow" Sign, w/Support, Furn & Oper	6	ea	\$70.00	\$420.00	\$35.00	\$210.00	\$35.00	\$210.00
57	MDOT W20-5a (modified) "Center & Left Lane Closed Ahead" Sign, w/Support, Furn & (1	ea	\$100.00	\$100.00	\$40.00	\$40.00	\$40.00	\$40.00
58	MDOT W20-5a (modified) "Center Lane Closed Ahead" Sign, w/Support, Furn & Oper	1	ea	\$100.00	\$100.00	\$40.00	\$40.00	\$40.00	\$40.00
59	Lighted Arrow, Type C, Furn & Oper	2	ea	\$800.00	\$1,600.00	\$350.00	\$700.00	\$350.00	\$700.00
60	Exploratory Excavation and Utility Locating	1	ls	\$6,000.00	\$6,000.00	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00
61	Color Audio-Video Route Survey	1	ls	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
62	Erosion Control, Inlet Prot, Fabric Drop	14	ea	\$200.00	\$2,800.00	\$130.00	\$1,820.00	\$165.00	\$2,310.00
63	Erosion Control, Silt Fence	800	1ft	\$6.00	\$4,800.00	\$1.00	\$800.00	\$2.00	\$1,600.00
64	Sanitary Lead Repair, 6" (as needed)	2	ea	\$1,500.00	\$3,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
65	Reimbursed Permit Fee	1	dlr	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
66	Allowances for Unforeseen Field Conditions	1	dlr	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
	Total Bid Amount Section I				\$1,716,834.89		\$1,807,389.50		\$1,997,337.77
	SECTION II - ALTERNATE 1 - POLYVINYL FUSIBLE CHLORIDE (PVC) WATER								
	MAIN PIPE IN PLACE OF HDPE (BID ITEMS 10 AND 11) WATER MAIN PIPE								
67	Water Main, C-900, 12" Dia., Pipe Burst	1870	1ft	\$136.00	\$254,320.00	\$150.00	\$280,500.00	\$189.00	\$353,430.00
68	Water Main, C-900, 12" Dia., HDD	968	lft	\$136.00	\$131,648.00	\$140.00	\$135,520.00	\$189.00	\$182,952.00
	Total Bid Amount Section II				\$385,968.00		\$416,020.00		\$536,382.00
	Total Bid Amount with Alternate I				\$1,716,834.89		\$1,835,769.50		\$1,994,499.77