ITB-RH-17-021			Pamar Enterprises		Bidigare Contractors	
Water Main Replacement and Road			**58021 Gratiot Ave**		**7820 Chubb Road**	
Resurfacing Project - Sec 33			**New Haven, MI 48048**		**Northville, MI 48168**	
Part A - Water Main Rep & Restoration	Est Qty	U of M				
10 Inch Dia.HDPE SDR 11 Pipe Bursting 8 Inch*	12,921	Foot	$ 90.00	$ 1,162,890.00	$ 100.00	$ 1,292,100.00
10 Inch Dia.HDPE SDR 11 Pipe Bursting 6 Inch	14,358	Foot	$ 90.00	$ 1,292,220.00	$ 100.00	$ 1,435,800.00
10 Inch Dia.HDPE SDR 11 Directional Drill	90	Foot	$ 90.00	$ 8,100.00	$ 150.00	$ 13,500.00
10 Inch Dia. HDPE SDR 11 Open Cut	40	Foot	$ 90.00	$ 3,600.00	$ 200.00	$ 8,000.00
Water Service, Lead Reconnect, w/valve & stop box assembly (sh	238	Each	$ 900.00	$ 214,200.00	$ 500.00	$ 119,000.00
Water Service, Lead Reconnect, w/valve & stop box assembly (lo	212	Each	$ 1,350.00	$ 286,200.00	$ 1,250.00	$ 265,000.00
10 Inch Gate Valve & Well	41	Each	$ 6,500.00	$ 266,500.00	$ 8,000.00	$ 328,000.00
8 Inch Gate Valve & Well	1	Each	$ 6,400.00	$ 6,400.00	$ 5,000.00	$ 5,000.00
10 Inch Gate Valve & D Box (as needed)	1	Each	$ 4,500.00	$ 4,500.00	$ 7,000.00	$ 7,000.00
8/6 inch Gate Valve & Well, Rem	41	Each	$ 1.00	$ 41.00	$ 500.00	$ 20,500.00
8/6 inch Gate Valve & Box, Rem	1	Each	$ 1.00	$ 1.00	$ 350.00	$ 350.00
Connect to Existing Water Main	16	Each	$ 1,000.00	$ 16,000.00	$ 5,000.00	$ 80,000.00
Fire Hydrant	43	Each	$ 6,000.00	$ 258,000.00	$ 8,000.00	$ 344,000.00
Fire Hydrant, Rem	42	Each	$ 1.00	$ 42.00	$ 500.00	$ 21,000.00
Abandon in place Existing Water Main	480	Foot	$ 0.78	$ 374.40	$ 5.00	$ 2,400.00
Approach, CI II, CIP	360	Cyd	$ 1.00	$ 360.00	$ 11.00	$ 3,960.00
Concrete/Asphalt Driveway, Rem	1,100	Syd	$ 0.59	$ 649.00	$ 11.00	$ 12,100.00
Driveway Approach, Nonreinf Conc, 6 Inch	500	Syd	$ 53.62	$ 26,810.00	$ 55.00	$ 27,500.00
Curb & Gutter, Rem	1,000	Foot	$ 0.23	$ 230.00	$ 12.00	$ 12,000.00
Curb & Gutter conc., Det B-2	1,000	Foot	$ 0.98	$ 980.00	$ 26.50	$ 26,500.00
Aggregate Base, CIP, 21AA	1,300	Ton	$ 0.78	$ 1,014.00	$ 25.50	$ 33,150.00
HMA Approach Drives	190	Ton	$ 200.00	$ 38,000.00	$ 85.00	$ 16,150.00
HMA, 5E3 (PG 64-22)	225	Ton	$ 0.88	$ 198.00	$ 45.00	$ 10,125.00
HMA, 4E3 (PG 64-22)	225	Ton	$ 0.89	$ 200.25	$ 45.00	$ 10,125.00
HMA, 3E3 (PG 58-22)	225	Ton	$ 0.90	$ 202.50	$ 45.00	$ 10,125.00
Existing Concrete/Asphalt Road, Rem	2,100	Syd	$ 0.62	$ 1,302.00	$ 5.00	$ 10,500.00
Concrete Pavement	250	Syd	$ 0.68	$ 170.00	$ 70.00	$ 17,500.00
HMA Pathway, Rem	160	Syd	$ 0.59	$ 94.40	$ 10.00	$ 1,600.00
Shared Use Path, HMA	35	Ton	$ 0.97	$ 33.95	$ 140.00	$ 4,900.00
Shared Use Path, Aggregate	100	Ton	$ 0.78	$ 78.00	$ 23.00	$ 2,300.00
Pathway Ramp/Landing, Conc, 6 inch	2,250	Sft	$ 1.05	$ 2,362.50	$ 8.00	$ 18,000.00
Detectable Waring Surface	112	Sft	$ 20.00	$ 2,240.00	$ 20.00	$ 2,240.00
Topsoil Surface, 3 Inch & SeedingMixture, THM w/Mulch	15,000	Syd	$ 0.17	$ 2,550.00	$ 16.00	$ 240,000.00
Topsoil Surface, 3 inch & Sodding	10,000	Syd	$ 0.21	$ 2,100.00	$ 19.00	$ 190,000.00
6 inch to 18 inch Tree, Rem (as needed)	1	Each	$ 300.00	$ 300.00	$ 200.00	$ 200.00
19 inch to 36 inch Tree, Rem (as needed)	1	Each	$ 900.00	$ 900.00	$ 300.00	$ 300.00
6 inch AQ-2000 Perforated Pipe for Edge Drain (as needed)	200	Foot	$ 4.00	$ 800.00	$ 15.00	$ 3,000.00
Sump Lead Connection (as needed)	1	Each	$ 26.00	$ 26.00	$ 100.00	$ 100.00
12 inch to 18 inch Storm Sewer Repair (as needed)	20	Foot	$ 25.00	$ 500.00	$ 75.00	$ 1,500.00
21 inch to 48 inch Storm Sewer Repair (as needed)	20	Foot	$ 35.00	$ 700.00	$ 120.00	$ 2,400.00
Erosion Control Measures	1	Lsum	$ 6,500.00	$ 6,500.00	$ 7,500.00	$ 7,500.00
Audio & Video Coverage	1	Lsum	$ 4,585.00	$ 4,585.00	$ 6,000.00	$ 6,000.00
Traffic Maintenance & Control	1	Lsum	$ 125,000.00	$ 125,000.00	$ 100,000.00	$ 100,000.00
Road Commission Permit	1	Lsum	$ 4,000.00	$ 4,000.00	$ 4,000.00	$ 4,000.00
Oakland County Water Resources Storm Crossing Permit	1	Lsum	$ 2,000.00	$ 2,000.00	$ 5,000.00	$ 5,000.00
Mobilization, 5% Max on Items 1 thru 41	1	Lsum	$ 150,000.00	$ 150,000.00	$ 225,000.00	$ 225,000.00
	Sub-Total Part A			**$ 3,893,954.00**		**$ 4,945,425.00**
Cold Milling HMA Surface	75,000		$ 2.40	$ 180,000.00	$ 3.00	$ 225,000.00
Conc Curb & Gutter, Rem	1,350		$ 3.00	$ 4,050.00	$ 5.00	$ 6,750.00
Utility Structure, Adjust	33		$ 600.00	$ 19,800.00	$ 500.00	$ 16,500.00
Utility Structure, Reconstruct	33		$ 300.00	$ 9,900.00	$ 500.00	$ 16,500.00
Utility Structure, Recondition	33		$ 680.00	$ 22,440.00	$ 500.00	$ 16,500.00
21AA Aggregate Base under new Concrete Curb and Gutter	50		$ 30.00	$ 1,500.00	$ 15.00	$ 750.00
Curb and Gutter, Conc, Match Existing	1,350		$ 22.00	$ 29,700.00	$ 26.00	$ 35,100.00
Pavt Joint and Crack Repair, Detail 7	19,000		$ 4.50	$ 85,500.00	$ 2.75	$ 52,250.00
Ditching	2,500		$ 5.00	$ 12,500.00	$ 5.00	$ 12,500.00
Hand Patching HMA, 1100	500		$ 110.00	$ 55,000.00	$ 1.00	$ 500.00
Subgrade Undercutting, Type II (Modified)	100		$ 45.00	$ 4,500.00	$ 20.00	$ 2,000.00
Subgrade Undercutting, Type II (Special)	100		$ 45.00	$ 4,500.00	$ 20.00	$ 2,000.00
HMA, 5E3 (PG 64-22)	9,150		$ 78.50	$ 718,275.00	$ 100.00	$ 915,000.00
HMA, 1100 (Modified)	1,900		$ 69.50	$ 132,050.00	$ 20.00	$ 38,000.00
Erosion Control, Inlet Protection, Fabric Drop	32		$ 100.00	$ 3,200.00	$ 100.00	$ 3,200.00
Traffic Maintenance & Control	1		$ 75,000.00	$ 75,000.00	$ 90,000.00	$ 90,000.00
Mobilization, Max 5% - Items 47 thru 61	1		$ 65,000.00	$ 65,000.00	$ 50,000.00	$ 50,000.00
	Sub-Total Part B			**$ 1,422,915.00**		**$ 1,482,550.00**
	Total Parts A & B			**$ 5,316,869.00**		**$ 6,427,975.00**