

CITY OF ROCHESTER HILLS
ENGINEERING SERVICES
1000 ROCHESTER HILLS DRIVE
ROCHESTER HILLS, MICHIGAN 48309

BID TABULATION
ITB-RH-16-017

NORTH HILL SUBDIVISION WATER MAIN & ROAD RESURFACING PROJECT
CITY FILE #E15-028

BID OPENING DATE: Wednesday, March 16, 2016

Engineers
Estimate
Feb-16

Bidigare Contractors
7820 Chubb Road
Northville, MI 48168

Lawrence M. Clarke, Inc.
50850 Bemis
Belleville, MI 48111

Pamar Enterprises, Inc.
58021 Gratiot Avenue
New Haven, MI 48048

Part A - Water Main Replacement & Restoration

Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	10 inch Dia. HDPE SDR 11 Pipe Bursting 8 inch	1852	Foot	\$110.00	203,720.00	\$155.00	\$287,060.00	\$120.00	\$222,240.00	\$126.50	\$234,278.00
2	10 inch Dia. HDPE SDR 11 Pipe Bursting 6 inch	4167	Foot	\$110.00	458,370.00	\$155.00	\$645,885.00	\$125.00	\$520,875.00	\$126.50	\$527,125.50
3	10 inch Dia. HDPE SDR 11 Direction Drill	180	Foot	\$110.00	19,800.00	\$185.00	\$33,300.00	\$140.00	\$25,200.00	\$126.50	\$22,770.00
4	10 inch Dia. HDPE SDR 11 Water Main, Open Cut	55	Foot	\$110.00	6,050.00	\$185.00	\$10,175.00	\$150.00	\$8,250.00	\$126.50	\$6,957.50
5	Water Service, Lead Reconnect, w/valve & stop box assembly (short)	64	Each	\$800.00	51,200.00	\$1,000.00	\$64,000.00	\$1,700.00	\$108,800.00	\$750.00	\$48,000.00
6	Water Service, Lead Reconnect, w/valve & stop box assembly (long)	72	Each	\$1,250.00	90,000.00	\$1,500.00	\$108,000.00	\$1,800.00	\$129,600.00	\$1,350.00	\$97,200.00
7	10 inch Gate Valve & Well	14	Each	\$5,500.00	77,000.00	\$10,000.00	\$140,000.00	\$6,500.00	\$91,000.00	\$6,400.00	\$89,600.00
8	8 inch Gate Valve & Well (as needed)	1	Each	\$4,500.00	4,500.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$6,300.00	\$6,300.00
9	10 inch Gate Valve & D Box (as needed)	1	Each	\$4,000.00	4,000.00	\$1,500.00	\$1,500.00	\$3,500.00	\$3,500.00	\$3,750.00	\$3,750.00
10	8/6 inch Gate Valve & Well, Rem	11	Each	\$1,000.00	11,000.00	\$2,000.00	\$22,000.00	\$1,000.00	\$11,000.00	\$350.00	\$3,850.00
11	8/6 inch Gate Valve & Box, Rem	1	Each	\$800.00	800.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$250.00	\$250.00
12	Connect to Existing 8 inch Water Main	4	Each	\$5,000.00	20,000.00	\$10,000.00	\$40,000.00	\$3,000.00	\$12,000.00	\$500.00	\$2,000.00
13	Fire Hydrant	14	Each	\$4,500.00	63,000.00	\$8,000.00	\$112,000.00	\$5,500.00	\$77,000.00	\$6,350.00	\$88,900.00
14	Fire Hydrant, Rem	12	Each	\$500.00	6,000.00	\$1,300.00	\$15,600.00	\$1,000.00	\$12,000.00	\$350.00	\$4,200.00
15	Abandon in place Existing Water Main	388	Foot	\$5.00	1,940.00	\$1.00	\$388.00	\$20.00	\$7,760.00	\$3.00	\$1,164.00
16	Approach, CI II, CIP	300	Cubic Yard	\$45.00	13,500.00	\$1.00	\$300.00	\$30.00	\$9,000.00	\$38.00	\$11,400.00
17	Concrete Driveway, Rem	200	Square Yard	\$10.00	2,000.00	\$1.00	\$200.00	\$15.00	\$3,000.00	\$5.00	\$1,000.00
18	Driveway Approach, Nonreinf Conc, 6 inch	200	Square Yard	\$45.00	9,000.00	\$1.00	\$200.00	\$50.00	\$10,000.00	\$37.80	\$7,560.00
19	Curb & Gutter, Rem	3200	Foot	\$10.00	32,000.00	\$1.00	\$3,200.00	\$8.00	\$25,600.00	\$3.00	\$9,600.00
20	Curb & Gutter conc, Det B-2	3200	Foot	\$15.00	48,000.00	\$1.00	\$3,200.00	\$26.00	\$83,200.00	\$15.00	\$48,000.00
21	Aggregate Base, CIP, 21AA	500	Ton	\$30.00	15,000.00	\$1.00	\$500.00	\$30.00	\$15,000.00	\$33.00	\$16,500.00
22	HMA Approach Drives	10	Ton	\$85.00	850.00	\$50.00	\$500.00	\$300.00	\$3,000.00	\$400.00	\$4,000.00
23	HMA, 5E3 (PG 64-22)	300	Ton	\$90.00	18,000.00	\$1.00	\$300.00	\$150.00	\$45,000.00	\$96.60	\$28,980.00
26	Existing Concrete/Asphalt Road, Rem	5000	Square Yard	\$5.00	25,000.00	\$1.00	\$5,000.00	\$10.00	\$50,000.00	\$7.00	\$35,000.00
27	Concrete Pavement	5000	Square Yard	\$20.00	100,000.00	\$1.00	\$5,000.00	\$50.00	\$250,000.00	\$45.00	\$225,000.00
28	HMA Pathway, Rem	150	Square Yard	\$5.00	5,000.00	\$1.00	\$150.00	\$15.00	\$2,250.00	\$3.00	\$450.00
30	Shared Use Path, Aggregate	100	Ton	\$25.00	2,500.00	\$1.00	\$100.00	\$50.00	\$5,000.00	\$30.00	\$3,000.00
31	Sidewalk, Rem	18500	Square Foot	\$2.00	37,000.00	\$0.15	\$2,775.00	\$1.00	\$18,500.00	\$0.32	\$5,920.00
32	Sidewalk Ramp/Landing, Conc, 6 inch	2500	Square Foot	\$6.50	16,250.00	\$1.00	\$2,500.00	\$8.00	\$20,000.00	\$4.50	\$11,250.00
33	Sidewalk, Conc, 4 inch	16000	Square Foot	\$5.00	80,000.00	\$1.00	\$16,000.00	\$5.00	\$80,000.00	\$3.60	\$57,600.00
34	Detectable Warning Surface	125	Square Foot	\$20.00	2,500.00	\$20.00	\$2,500.00	\$25.00	\$3,125.00	\$20.00	\$2,500.00
35	Topsoil Surface, 3 inch & Seeding Mixture, THM w/Mulch	6000	Square Yard	\$7.00	42,000.00	\$16.00	\$96,000.00	\$6.00	\$36,000.00	\$8.98	\$53,880.00
36	Topsoil Surface, 3 inch & Sodding	100	Square Yard	\$10.00	1,000.00	\$19.00	\$1,900.00	\$15.00	\$1,500.00	\$12.63	\$1,263.00
37	8 inch to 18 inch Tree, Rem (as needed)	5	Each	\$300.00	1,500.00	\$500.00	\$2,500.00	\$600.00	\$3,000.00	\$250.00	\$1,250.00
38	19 inch to 36 inch Tree, Rem (as needed)	5	Each	\$800.00	4,000.00	\$1,000.00	\$5,000.00	\$2,000.00	\$10,000.00	\$875.00	\$4,375.00
39	Erosion Control Measures	1	Lump Sum	\$2,000.00	2,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$8,500.00	\$8,500.00
40	Audio & Video Coverage	1	Lump Sum	\$2,000.00	2,000.00	\$2,100.00	\$2,100.00	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00
41	Traffic Maintenance & Control	1	Lump Sum	\$5,000.00	5,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00
42	Road Commission Permit	1	Lump Sum	\$2,000.00	2,000.00	\$3,500.00	\$3,500.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
43	Mobilization, 5% Max on Items 1 thru 38	1	Lump Sum	\$75,774.00	75,774.00	\$60,000.00	\$60,000.00	\$99,460.00	\$99,460.00	\$85,000.00	\$85,000.00

Sub-Total Part A:	\$1,559,254.00	\$1,709,333.00	\$2,088,660.00	\$1,801,373.00
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1000 ROCHESTER HILLS DRIVE
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NORTH HILL SUBDIVISION WATER MAIN & ROAD RESURFACING PROJECT
CITY FILE #E15-028

BID OPENING DATE: Wednesday, March 16, 2016

Engineers

Bidigare Contractors

Lawrence M. Clarke, Inc.

Pamar Enterprises, Inc.

Engineers
Estimate
Feb-16

Part B - Local Streets Asphalt Rehabilitation

Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
44	Cold Milling HMA Surface	20,500	Square Yard	\$2.50	\$51,250.00	\$4.00	\$82,000.00		\$0.00	\$4.00	\$82,000.00
45	Conc Curb & Gutter, Rem	2,000	Foot	\$7.50	\$15,000.00	\$10.00	\$20,000.00		\$0.00	\$3.00	\$6,000.00
46	Conc Pavt, Rem	2,150	Square Yard	\$15.00	\$32,250.00	\$20.00	\$43,000.00		\$0.00	\$7.00	\$15,050.00
47	Conc Driveway, Rem	480	Square Yard	\$15.00	\$7,200.00	\$20.00	\$9,600.00		\$0.00	\$5.00	\$2,400.00
48	Utility Structure, Adjust	60	Each	\$400.00	\$24,000.00	\$550.00	\$33,000.00		\$0.00	\$550.00	\$33,000.00
49	Utility Structure, Reconstruct	100	Foot	\$400.00	\$40,000.00	\$250.00	\$25,000.00		\$0.00	\$650.00	\$65,000.00
50	Utility Structure, Recondition	50	Each	\$200.00	\$10,000.00	\$600.00	\$30,000.00		\$0.00	\$690.00	\$34,500.00
51	Dr Structure Cover, EJ 1045 with Type C cover	5	Each	\$600.00	\$3,000.00	\$1,000.00	\$5,000.00		\$0.00	\$550.00	\$2,750.00
52	Dr Structure Cover, EJ 5080 with Type M1 grate	10	Each	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00		\$0.00	\$550.00	\$5,500.00
53	Curb and Gutter, Conc, Match Existing	2,000	Foot	\$25.00	\$50,000.00	\$21.00	\$42,000.00		\$0.00	\$15.00	\$30,000.00
54	Conc Sidewalk Curb, Integral w/ walk, 6 inch width (max 8 inch height)	100	Foot	\$25.00	\$2,500.00	\$21.00	\$2,100.00		\$0.00	\$10.00	\$1,000.00
55	Conc Driveway, Nonreinf, 6 inch	480	Square Yard	\$55.00	\$26,400.00	\$46.00	\$22,080.00		\$0.00	\$37.80	\$18,144.00
56	Pavt Joint and Crack Repr, Detail 7	3,600	Foot	\$7.50	\$27,000.00	\$4.00	\$14,400.00		\$0.00	\$4.75	\$17,100.00
57	Hand Patching HMA, 1100	180	Ton	\$82.00	\$14,760.00	\$0.01	\$1.80		\$0.00	\$0.01	\$1.80
58	Subgrade Undercutting, Type II (Modified)	100	Cubic Yard	\$45.00	\$4,500.00	\$50.00	\$5,000.00		\$0.00	\$44.00	\$4,400.00
59	Subgrade Undercutting, Type II (Special)	100	Cubic Yard	\$47.00	\$4,700.00	\$50.00	\$5,000.00		\$0.00	\$44.00	\$4,400.00
60	HMA, 5E3 (PG 64-22)	2,500	Ton	\$80.00	\$200,000.00	\$62.00	\$155,000.00		\$0.00	\$60.35	\$150,875.00
61	HMA, 1100 (Modified)	505	Ton	\$125.00	\$63,125.00	\$90.80	\$45,854.00		\$0.00	\$89.50	\$45,197.50
62	Conc Pavt, Nonreinf, 8 inch	1,025	Square Yard	\$50.00	\$51,250.00	\$50.00	\$51,250.00		\$0.00	\$43.00	\$44,075.00
63	Sidewalk, Rem	4,200	Square Foot	\$5.00	\$21,000.00	\$2.00	\$8,400.00		\$0.00	\$0.32	\$1,344.00
64	Sidewalk Ramp, Conc, 6 inch	1,775	Square Foot	\$6.00	\$10,650.00	\$8.00	\$14,200.00		\$0.00	\$4.50	\$7,987.50
65	Sidewalk, Conc, 4 inch	2,425	Square Foot	\$5.00	\$12,125.00	\$5.00	\$12,125.00		\$0.00	\$3.60	\$8,730.00
66	Detectable Warning Surface	290	Square Foot	\$25.00	\$7,250.00	\$20.00	\$5,800.00		\$0.00	\$20.00	\$5,800.00
67	Erosion Control, Inlet Protection, Fabric Drop	34	Each	\$75.00	\$2,550.00	\$100.00	\$3,400.00		\$0.00	\$80.00	\$2,720.00
68	Traffic Maintenance & Control	1	Lump Sum	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00		\$0.00	\$50,000.00	\$50,000.00
69	Mobilization, Max 5% - Items 44 thru 67	1	Lump Sum	\$34,825.50	\$34,825.50	\$30,000.00	\$30,000.00		\$0.00	\$32,000.00	\$32,000.00

Sub-Total Part B:	\$731,335.50	\$699,210.80	\$0.00	\$669,974.80
Total Parts A and B:	\$2,290,589.50	\$2,408,543.80	\$2,088,660.00	\$2,471,347.80
			No Bid Part B	