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

BID OPENING DATE:

Pamar Enterprises, Inc. Angelo lafrate D & M Contracting **DiPonio Contracting Dan's Excavating** 12501 23 Mile Rd. 12955 23 Mile Road 26300 Sherwood Ave. **Engineers Estimate** 51173 Simone Industrial 58021 Gratiot Warren, MI 48091-1298 Shelby Twp., MI 48315 Shelby Twp, MI 48316 New Haven, MI 48048 Shelby Twp., MI 48315

Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization (5% Max.)	1	L Sum	\$18,711.00	\$18,711.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$6,980.00	\$6,980.00	\$12,500.00	\$12,500.00	\$6,500.00	\$6,500.00
2	Traffic Maintenance & Control	1	L Sum	\$15,000.00	\$15,000.00	\$7,700.00	\$7,700.00	\$17,000.00	\$17,000.00	\$7,960.00	\$7,960.00	\$12,500.00	\$12,500.00	\$6,050.00	\$6,050.00
3	Silt Fence (SP-2)	441	Lft	\$4.00	\$1,764.00	\$1.50	\$661.50	\$2.00	\$882.00	\$1.70	\$749.70	\$1.00	\$441.00	\$1.75	\$771.75
4	Inlet Filter Alt. A (SI-3A)	11	Each	\$240.00	\$2,640.00	\$75.00	\$825.00	\$20.00	\$220.00	\$44.65	\$491.15	\$25.00	\$275.00	\$76.00	\$836.00
5	Stone Filter Berm (SP-5)	14	Each	\$300.00	\$4,200.00	\$95.00	\$1,330.00	\$15.00	\$210.00	\$22.65	\$317.10	\$40.00	\$560.00	\$99.00	\$1,386.00
6	Property Protection Fence	50	Lft	\$5.00	\$250.00	\$4.50	\$225.00	\$6.00	\$300.00	\$3.75	\$187.50	\$1.75	\$87.50	\$8.00	\$400.00
7	Maintenance Aggregate	1	L Sum	\$4,000.00	\$4,000.00	\$750.00	\$750.00	\$1,500.00	\$1,500.00	\$2,194.00	\$2,194.00	\$0.01	\$0.01	\$4,730.00	\$4,730.00
8	24" Storm Sewer, C76 CLIV	971	Lft	\$130.00	\$126,230.00	\$54.00	\$52,434.00	\$52.00	\$50,492.00	\$40.85	\$39,665.35	\$60.00	\$58,260.00	\$73.80	\$71,659.80
9	18" Storm Sewer, C76 CLIV	10	Lft	\$90.00	\$900.00	\$41.00	\$410.00	\$50.00	\$500.00	\$41.55	\$415.50	\$44.00	\$440.00	\$36.00	\$360.00
10	12" Storm Sewer, C76 CLIV	388	Lft	\$60.00	\$23,280.00	\$30.00	\$11,640.00	\$45.00	\$17,460.00	\$35.52	\$13,781.76	\$38.00	\$14,744.00	\$30.50	\$11,834.00
11	30" x 19" Elliptical Storm Sewer, C76 CLV	8	Lft	\$200.00	\$1,600.00	\$165.00	\$1,320.00	\$127.00	\$1,016.00	\$65.50	\$524.00	\$80.00	\$640.00	\$107.00	\$856.00
12	Sanitary Sewer Lead (if and where needed)		Lft	\$35.00	\$700.00	\$33.00	\$660.00	\$15.00	\$300.00	\$48.40	\$968.00	\$31.50	\$630.00	\$42.75	\$855.00
13	Water Service Lead (if and where needed)	50		\$25.00	\$1,250.00	\$18.00	\$900.00	\$12.00	\$600.00	\$23.30	\$1,165.00	\$26.00	\$1,300.00	\$18.85	\$942.50
14	Relocate Water Main, 8" Dia. 8" Gate Valve & Well	3	Each	\$2,000.00	\$6,000.00 \$3,250.00	\$3,850.00	\$11,550.00 \$2,575.00	\$500.00 \$3,000.00	\$1,500.00 \$3,000.00	\$4,313.85 \$2,811.00	\$12,941.55	\$2,800.00	\$8,400.00	\$1,200.00 \$2,675.00	\$3,600.00
16	8" D.I. CL54 Water Main w/Polywrap	62	Each	\$3,250.00 \$65.00	\$3,250.00 \$4,030.00	\$2,575.00 \$80.00	\$2,575.00 \$4,960.00	\$5,000.00 \$55.00	\$3,000.00 \$3,410.00	\$2,811.00	\$2,811.00 \$4,807.48	\$2,400.00 \$72.00	\$2,400.00 \$4,464.00	\$2,675.00	\$2,675.00 \$4,340.00
17	8" Water Main Connection to Exist. 8" Water Main	- 02	Each	\$2,200.00	\$4,400.00	\$1,330.00	\$2,660.00	\$550.00	\$1,100.00	\$1,640.00	\$3,280.00	\$1,300.00	\$2,600.00	\$1,035.00	\$2,070.00
18	Temporary 2" Blowoff		Each	\$400.00	\$800.00	\$400.00	\$800.00	\$50.00 \$50.00	\$1,100.00	\$790.00	\$1,580.00	\$300.00	\$600.00	\$295.00	\$590.00
19	Relocate Fire Hydrant	_	Each	\$800.00	\$800.00	\$2,465.00	\$2,465.00	\$2,500.00	\$2,500.00	\$1,825.00	\$1,825.00	\$2,000.00	\$2,000.00	\$854.00	\$854.00
20	Adjust Water Stop Box	-	Each	\$200.00	\$200.00	\$175.00	\$175.00	\$80.00	\$80.00	\$99.68	\$99.68	\$100.00	\$100.00	\$336.00	\$336.00
21	Temporary Hydro-Stop, 8" Water Main (if needed, incl restoration)	2	Each	\$4,750.00	\$9,500.00	\$3,500.00	\$7,000.00	\$500.00	\$1,000.00	\$4,630.00	\$9,260.00	\$1,800.00	\$3,600.00	\$1,250.00	\$2,500.00
22	Storm Water MTD, CDS4030	$\frac{1}{1}$	Each	\$40,000.00	\$40,000.00	\$45,400.00	\$45,400.00	\$35,000.00	\$35,000.00	\$36,640.00	\$36,640.00	\$34,500.00	\$34,500.00	\$31,000.00	\$31,000.00
23	6'-0" Dia. Manhole	1	Each	\$4,150.00	\$4,150.00	\$2,700.00	\$2,700.00	\$3,500.00	\$3,500.00	\$2,890.00	\$2,890.00	\$2,300.00	\$2,300.00	\$2,765.00	\$2,765.00
24	5'-0" Dia. Manhole	- 5	Each	\$3,150.00	\$15,750.00	\$1,700.00	\$8,500.00	\$2,000.00	\$10,000.00	\$2,084.00	\$10,420.00	\$1,600.00	\$8,000.00	\$2,428.00	\$12,140.00
25	5'-0" Dia. Manhole w/ 2' Sump	_	Each	\$3,750.00	\$7,500.00	\$2,700.00	\$5,400.00	\$2,000.00	\$4,000.00	\$2,084.00	\$4,168.00	\$1,700.00	\$3,400.00	\$2,227.00	\$4,454.00
26	4'-0" Dia. Manhole		Each	\$2,450.00	\$2,450.00	\$1,200.00	\$1,200.00	\$1,600.00	\$1,600.00	\$1,340.00	\$1,340.00	\$1,100.00	\$1,100.00	\$1,196.00	\$1,196.00
27	4'-0" Dia. Catch Basin w/ 2' Sump	9	Each	\$2,100.00	\$18,900.00	\$1,300.00	\$11,700.00	\$1,600.00	\$14,400.00	\$1,386.00	\$12,474.00	\$1,200.00	\$10,800.00	\$1,285.00	\$11,565.00
28	4'-0" Dia. Catch Basin w/ 3' Sump	2	Each	\$2,600.00	\$5,200.00	\$1,700.00	\$3,400.00	\$1,700.00	\$3,400.00	\$1,663.00	\$3,326.00	\$1,250.00	\$2,500.00	\$1,332.00	\$2,664.00
29	End Section, 12" Dia. RCP	3	Each	\$300.00	\$900.00	\$375.00	\$1,125.00	\$500.00	\$1,500.00	\$638.00	\$1,914.00	\$400.00	\$1,200.00	\$422.00	\$1,266.00
30	End Section, 30"x19" Ellip. RCP	1	Each	\$1,200.00	\$1,200.00	\$900.00	\$900.00	\$1,500.00	\$1,500.00	\$1,655.00	\$1,655.00	\$915.00	\$915.00	\$1,315.00	\$1,315.00
31	Natural Heavy Rip Rap	21	Syd	\$80.00	\$1,680.00	\$65.00	\$1,365.00	\$70.00	\$1,470.00	\$53.55	\$1,124.55	\$36.00	\$756.00	\$64.00	\$1,344.00
32	Culvert, Remove (all sizes)	38	Lft	\$3.00	\$114.00	\$5.00	\$190.00	\$10.00	\$380.00	\$10.05	\$381.90	\$7.50	\$285.00	\$8.50	\$323.00
33	Abandon Culvert (all sizes, including bulkheads)	80	Lft	\$6.00	\$480.00	\$6.00	\$480.00	\$6.00	\$480.00	\$19.05	\$1,524.00	\$7.50	\$600.00	\$5.70	\$456.00
34	Temp. Bulkhead, 24"	3	Each	\$300.00	\$900.00	\$250.00	\$750.00	\$25.00	\$75.00	\$260.00	\$780.00	\$110.00	\$330.00	\$250.00	\$750.00
35	Temp. Bulkhead, 18"	1	Each	\$200.00	\$200.00	\$225.00	\$225.00	\$20.00	\$20.00	\$170.00	\$170.00	\$106.00	\$106.00	\$223.00	\$223.00
36	Trench Undercut & Backfill	50	Cyd	\$22.00	\$1,100.00	\$20.00	\$1,000.00	\$35.00	\$1,750.00	\$36.00	\$1,800.00	\$0.01	\$0.50	\$40.00	\$2,000.00
37	Internal Sewer Inspection	1	L Sum	\$1,000.00	\$1,000.00	\$700.00	\$700.00	\$500.00	\$500.00	\$1,720.00	\$1,720.00	\$1,377.00	\$1,377.00	\$1,665.00	\$1,665.00
38	Remove Existing Gate Valve & Well	1	Each	\$400.00	\$400.00	\$225.00	\$225.00	\$350.00	\$350.00	\$480.00	\$480.00	\$165.00	\$165.00	\$342.00	\$342.00
39	Remove Pavement	215	,	\$5.00	\$1,075.00	\$7.00	\$1,505.00	\$5.00	\$1,075.00	\$6.15	\$1,322.25	\$5.25	\$1,128.75	\$13.50	\$2,902.50
40	Remove Drive Approach Pavement (all materials)	280		\$1.00	\$280.00	\$1.00	\$280.00	\$4.00	\$1,120.00	-	\$294.00	\$0.50	\$140.00	\$1.55	\$434.00
41	Remove Pathway Pavement	340	_	\$3.00	\$850.00	\$3.00	\$1,020.00	\$2.00	\$680.00	\$2.45	\$833.00	\$3.00	\$1,020.00	\$6.20	\$2,108.00
42	Remove Tree, 6" to 18" Dia.		Each	\$250.00	\$250.00	\$750.00	\$750.00	\$600.00	\$600.00	\$650.00	\$650.00	\$500.00	\$500.00	\$555.00	\$555.00
43	Relocate Mailbox (if and where needed)		Each	\$100.00	\$600.00	\$55.00	\$330.00	\$25.00	\$150.00	\$100.00	\$600.00	\$100.00	\$600.00	\$67.25	\$403.50
44	Subgrade Undercutting		Cyd	\$20.00	\$400.00	\$15.00	\$300.00	\$35.00	\$700.00	\$39.05	\$781.00	\$22.00	\$440.00	\$37.50	\$750.00
45	Removal & Disposal of Contaminated Material, Type II (if & where needed)		Cyd	\$40.00	\$800.00	\$29.00	\$580.00	\$30.00	\$600.00	•	\$1,170.00	\$20.00	\$400.00	\$90.00	\$1,800.00
46	Removal & Disposal of Contaminated Material, Type III (if & where needed)		Cyd	\$30.00	\$600.00	\$29.00	\$580.00	\$50.00	\$1,000.00	\$67.75	\$1,355.00	\$20.00	\$400.00	\$95.00	\$1,900.00
47	Cold Milling HMA Surface, 2"		Sy	\$8.00	\$656.00	\$20.00	\$1,640.00	\$5.00	\$410.00	\$21.00	\$1,722.00	\$20.25	\$1,660.50	\$22.00	\$1,804.00
48	Aggregate Base, MDOT 21AA Limestone		Ton	\$18.00	\$2,880.00	\$18.50	\$2,960.00	\$20.00	\$3,200.00	\$28.15	\$4,504.00	\$25.20	\$4,032.00	\$19.00	\$3,040.00
49	RCOC HMA 2C (Base)		Ton	\$68.00	\$3,363.00	\$90.00	\$4,410.00	\$90.00	\$4,410.00		\$3,332.00	\$93.60	\$4,586.40	\$100.00	\$4,900.00
50	RCOC HMA 3C (Leveling)		Ton	\$74.00	\$2,816.00	\$95.00	\$3,610.00	\$95.00	\$3,610.00	\$69.00	\$2,622.00	\$90.65	\$3,444.70	\$105.00	\$3,990.00
51	RCOC HMA 4C (Wearing)		Ton	\$80.00	\$2,851.00	\$100.00	\$3,600.00	\$150.00	\$5,400.00	\$73.00	\$2,628.00	\$94.90	\$3,416.40	\$110.00	\$3,960.00
52	MDOT HMA 36A (Mearing)		Ton Ton	\$70.00	\$2,450.00 \$1,760.00	\$95.00	\$3,325.00	\$95.00	\$3,325.00 \$3,300.00		\$2,275.00 \$1,518.00	\$80.50	\$2,817.50	\$106.00	\$3,710.00 \$2,442.00
53 E 4	MDOT HMA 36A (Wearing)		Ton S#	\$80.00	\$1,760.00 \$1,130.00	\$100.00	\$2,200.00	\$100.00	\$2,200.00 \$6,160.00		\$1,518.00	\$94.50	\$2,079.00	\$111.00	\$2,442.00 \$1,512.00
54	Commercial Drive Approach, HMA	280		\$4.00	\$1,120.00	\$4.85	\$1,358.00 \$4,850.00	\$22.00	\$6,160.00 \$5,500.00	-	\$504.00	\$7.90	\$2,212.00	\$5.40	\$1,512.00
55 56	Pathway Grading Cravel Bood Bostoretion	1 0.400	L Sum	\$5,000.00	\$5,000.00 \$13,730.00	\$1,850.00	\$1,850.00 \$7,739.00	\$5,500.00	\$5,500.00 \$10,600.00	\$2,700.18	\$2,700.18	\$1,800.00	\$1,800.00	\$1,680.00	\$1,680.00 \$14,840.00
57	Gravel Road Restoration	2,120	,	\$6.00 \$6.00	\$12,720.00 \$8,100.00	\$3.65 \$2.75	\$7,738.00 \$3,712.50	\$5.00 \$3.00	\$10,600.00 \$4,050.00	\$10.00 \$4.00	\$21,200.00 \$5,400.00	\$11.16 \$4.00	\$23,659.20 \$5,400.00	\$7.00 \$3.90	\$14,840.00 \$5.265.00
57 59	Slope Restoration	1,350	-	\$6.00 400.00	\$8,100.00 400.00	•	\$3,712.50 \$365.00	\$3.00 \$550.00		\$4.00 \$300.00	\$5,400.00 \$300.00	•	\$5,400.00	•	\$5,265.00 324.00
50 50	Adjust Sanitary Structure, if needed 12" Culvert CSP, if needed	1	Each	400.00 25.00	400.00 1,250.00	\$365.00 \$18.00	\$365.00 \$900.00	\$550.00 \$20.00	\$550.00 \$1,000.00	\$300.00 \$55.60	\$300.00 \$2,780.00	400.00 21.00	400.00 1,050.00	324.00 26.60	324.00 1,330.00
28	12 Guiveit Gor, ii needed	-	/ LIL	23.00	1,230.00	φιο.υυ	φ α υυ.υυ	⊅∠∪.∪∪	φι,υυυ.υυ	φυσιου	φ∠,1 ου.υυ	21.00	1,050.00	20.00	1,330.00

Totals: \$381,650.00 \$249,314.00 \$250,435.00 \$250,435.00 \$250,435.00 \$250,435.00