

**Pamar Enterprises, Inc.**  
31604 Pamar Court  
New Haven, MI 48048  
(586) 749-8593

**Pipeline Management Company, LLC**  
2673 E. Maple Rd  
Milford, MI 48381  
(248) 685-1500

	Description	Quantities - Total	Unit
1	Mobilization (Max 5%)	1.00	LS
<b>STORM STRUCTURE REHAB (Furnish and Install)</b>			
2	Dr Structure, Cleaning	7.00	Ea
3	Dr Structure, Rem (As Needed)	2.00	Ea
4	Dr Structure Cover and Frame, Rem	4.00	Ea
5	Dr Structure Cover and Frame, Type C (Catch Bsn)	1.00	Ea
6	Dr Structure Cover and Frame, (Manhole), EJW1045 w/1040 "storm" lid	4.00	Ea
7	Dr Structure, Chimney, Tuck Point	19.00	Ea
8	Dr Structure, Chimney, Demolish and Reconstruct	1.00	Ea
9	Dr Structure, 48 inch Dia, 2ft sump, Pre- Cast Catchbasin (As Needed)	1.00	Ea
10	Dr Structure, 48 inch Dia, Pre- Cast Manhole (As Needed)	1.00	Ea
11	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot (As Needed)	5.00	Vft
12	Seal Joints with Mortar	3.00	Ea
<b>STORM PIPE REHAB (Furnish and Install)</b>			
13	Clean and Televis, w/PACP Reporting, 12-15 inch	343.00	Lft
14	Clean and Televis, w/PACP Reporting, 48x76 inch	355.00	Lft
15	Sewer Lining, CIPP, 12-Inch Storm	260.00	Lft
16	Sewer Lining, CIPP, 15-Inch Storm	83.00	Lft
17	Concrete Surface Repair Type 3B, CIPP, 48x76 inch	120.00	Sft
18	Heavy Cleaning, 12-15 inch (As Needed)	4.00	Hr
19	Heavy Cleaning, 48x76 inch (As Needed)	4.00	Hr
20	Extra Heavy Cleaning, 12-15 inch (As Needed)	2.00	Hr
21	Extra Heavy Cleaning, 48x76 inch (As Needed)	2.00	Hr
<b>OUTLET STRUCTURE REHAB (Furnish and Install)</b>			
22	Water Repellent Treatment, Penetrating Repair Type 1	245.00	Syd
23	Pressure Injection of Non-Weeping Cracks Repair Type 2A	560.00	Lft
24	Concrete Surface Repair Type 3A	145.00	Sft
25	Concrete Surface Repair Type 3C	55.00	Sft
26	Vertical Joint Repair Type 4A	100.00	Lft
27	Horizontal Joint Repair Type 4B	45.00	Lft
28	Pressure Relief Valve Repair Type 5	6.00	Ea
29	Flap Gate Cover Repair Type 6	2.00	Ea
30	Work Platform, Temp	1.00	LS
31	Pressure Injection of Weeping Cracks Repair Type 2B	700.00	Lft
32	Concrete Surface Repair Type 3B	60.00	Sft
33	Sandbag, Local Flow Diversion	1.00	LS
34	Flow Control Measures	1.00	LS
<b>PAVEMENT REPAIR (Furnish and Install)</b>			
35	Pavt, Rem	14.23	Syd
36	Curb and Gutter, Rem (As Needed)	16.00	Ft
37	Sidewalk, Rem (As Needed)	10.00	Syd
38	Parking Structure, Conc Pavt, Nonreinf, 8 inch	14.23	Syd
39	Aggregate Base, 6 inch, Modified (As Needed)	15.00	Syd
40	1.5" Thick Bituminous Mixture No.4C (As Needed)	5.00	Ton
41	2.5" Thick Bituminous Mixture No.3C (As Needed)	9.00	Ton
42	Curb and Gutter, Conc, Match Existing (As Needed)	16.00	Lft
43	Sidewalk, Conc, 4 inch (As Needed)	10.00	Syd
<b>MISCELLANEOUS (Furnish and Install)</b>			
44	Erosion Control, Silt Fence (As Needed)	100.00	Lft
45	Erosion Control, Inlet Protection, Fabric Drop (As Needed)	20.00	Ea
46	Fence, Protective (As Needed)	100.00	Lft
47	Site Restoration	5.00	Syd
48	Audio Video Route Survey	1.00	LS
49	Traffic Control and Maintenance	1.00	LS
50	Permit Allowance (10% of construction with ROW)	10,000.00	Dir

Unit Price	Total Cost
\$ 30,000.00	\$ 30,000.00
\$ 150.00	\$ 1,050.00
\$ 950.00	\$ 1,900.00
\$ 450.00	\$ 1,800.00
\$ 1,453.00	\$ 1,453.00
\$ 1,125.00	\$ 4,500.00
\$ 150.00	\$ 2,850.00
\$ 1,250.00	\$ 1,250.00
\$ 12,530.00	\$ 12,530.00
\$ 12,530.00	\$ 12,530.00
\$ 200.00	\$ 1,000.00
\$ 300.00	\$ 900.00
	<b>\$ 41,763.00</b>
\$ 10.00	\$ 3,430.00
\$ 20.00	\$ 7,100.00
\$ 231.00	\$ 60,060.00
\$ 248.00	\$ 20,584.00
\$ 190.00	\$ 22,800.00
\$ 550.00	\$ 2,200.00
\$ 625.00	\$ 2,500.00
\$ 550.00	\$ 1,100.00
\$ 625.00	\$ 1,250.00
	<b>\$ 121,024.00</b>
\$ 35.00	\$ 8,575.00
\$ 62.00	\$ 34,720.00
\$ 112.00	\$ 16,240.00
\$ 222.00	\$ 12,210.00
\$ 56.00	\$ 5,600.00
\$ 80.00	\$ 3,600.00
\$ 5,800.00	\$ 34,800.00
\$ 18,500.00	\$ 37,000.00
\$ 26,500.00	\$ 26,500.00
\$ 64.00	\$ 44,800.00
\$ 208.00	\$ 12,480.00
\$ 46,000.00	\$ 46,000.00
\$ 73,500.00	\$ 73,500.00
	<b>\$ 356,025.00</b>
\$ 74.00	\$ 1,053.02
\$ 56.00	\$ 896.00
\$ 44.00	\$ 440.00
\$ 250.00	\$ 3,557.50
\$ 125.00	\$ 1,875.00
\$ 500.00	\$ 2,500.00
\$ 500.00	\$ 4,500.00
\$ 300.00	\$ 4,800.00
\$ 175.00	\$ 1,750.00
	<b>\$ 21,371.52</b>
\$ 3.00	\$ 300.00
\$ 65.00	\$ 1,300.00
\$ 4.50	\$ 450.00
\$ 75.00	\$ 375.00
\$ 2,650.00	\$ 2,650.00
\$ 26,000.00	\$ 26,000.00
\$ 1.00	\$ 10,000.00
	<b>\$ 41,075.00</b>

Unit Price	Total Cost
\$ 25,000.00	\$ 25,000.00
\$ 500.00	\$ 3,500.00
\$ 3,000.00	\$ 6,000.00
\$ 2,000.00	\$ 8,000.00
\$ 5,000.00	\$ 5,000.00
\$ 2,250.00	\$ 9,000.00
\$ 1,500.00	\$ 28,500.00
\$ 5,000.00	\$ 5,000.00
\$ 7,000.00	\$ 7,000.00
\$ 9,500.00	\$ 9,500.00
\$ 854.00	\$ 4,270.00
\$ 1,050.00	\$ 3,150.00
	<b>\$ 88,920.00</b>
\$ 15.00	\$ 5,145.00
\$ 75.00	\$ 26,625.00
\$ 200.00	\$ 52,000.00
\$ 454.00	\$ 37,682.00
\$ 305.00	\$ 36,600.00
\$ 500.00	\$ 2,000.00
\$ 500.00	\$ 2,000.00
\$ 500.00	\$ 1,000.00
\$ 500.00	\$ 1,000.00
	<b>\$ 164,052.00</b>
\$ 75.00	\$ 18,375.00
\$ 54.00	\$ 30,240.00
\$ 130.00	\$ 18,850.00
\$ 305.00	\$ 16,775.00
\$ 105.00	\$ 10,500.00
\$ 80.00	\$ 3,600.00
\$ 2,500.00	\$ 15,000.00
\$ 7,500.00	\$ 15,000.00
\$ 75,000.00	\$ 75,000.00
\$ 78.00	\$ 54,600.00
\$ 250.00	\$ 15,000.00
\$ 15,000.00	\$ 15,000.00
\$ 25,000.00	\$ 25,000.00
	<b>\$ 312,940.00</b>
\$ 150.00	\$ 2,134.50
\$ 1.00	\$ 16.00
\$ 1.00	\$ 10.00
\$ 305.00	\$ 4,340.15
\$ 1.00	\$ 15.00
\$ 1.00	\$ 5.00
\$ 1.00	\$ 9.00
\$ 1.00	\$ 16.00
\$ 1.00	\$ 10.00
	<b>\$ 6,555.65</b>
\$ 1.00	\$ 100.00
\$ 1.00	\$ 20.00
\$ 1.00	\$ 100.00
\$ 1.00	\$ 5.00
\$ 6,000.00	\$ 6,000.00
\$ 20,000.00	\$ 20,000.00
\$ 1.00	\$ 10,000.00
	<b>\$ 36,225.00</b>

**\$ 611,258.52**

**\$ 633,692.65**

\* PMC has 2134.00