

**D.V.M. Utilities, Inc.**  
 6045 Sims Rd, Ste #2  
 Sterling Heights, MI 48313  
 Phone: (586) 979-0402

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

**Insituform Technologies, USA, LLC**  
 580 Goddard Avenue  
 Chesterfield, MI 63005  
 Phone: (636) 530-8000

**Inland Waters Pollution Control, Inc.**  
 4086 Michigan Avenue  
 Detroit, MI 48210  
 Phone: (313) 648-0372

Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1. Mobilization (Max 5%)	1.00	LS	\$36,500.00	\$36,500.00	\$40,000.00	\$40,000.00	\$47,779.08	\$47,779.08	\$65,000.00	\$65,000.00
<b>STORM STRUCTURE REHAB (Furnish and Install)</b>										
2. Dr Structure, Cleaning	131.00	Ea	\$162.00	\$21,222.00	\$250.00	\$32,750.00	\$274.73	\$35,989.63	\$650.00	\$85,150.00
3. Dr Structure Cover, Rem	4.00	Ea	\$140.00	\$560.00	\$100.00	\$400.00	\$549.45	\$2,197.80	\$350.00	\$1,400.00
4. Dr Structure Cover and Frame, Rem	14.00	Ea	\$381.00	\$5,334.00	\$165.00	\$2,310.00	\$1,648.35	\$23,076.90	\$400.00	\$5,600.00
5. Dr Structure, Rem	3.00	Ea	\$300.00	\$900.00	\$1,250.00	\$3,750.00	\$2,747.25	\$8,241.75	\$2,600.00	\$7,800.00
6. Dr Structure Cover, Type G	4.00	Ea	\$600.00	\$2,400.00	\$450.00	\$1,800.00	\$1,648.35	\$6,593.40	\$1,800.00	\$7,200.00
7. Dr Structure Cover and Frame, Type G	4.00	Ea	\$1,315.00	\$5,260.00	\$1,250.00	\$5,000.00	\$1,648.35	\$6,593.40	\$2,200.00	\$8,800.00
8. Dr Structure Cover and Frame, Type C (Curb Inlet)	1.00	Ea	\$4,900.00	\$4,900.00	\$1,350.00	\$1,350.00	\$2,747.25	\$2,747.25	\$2,600.00	\$2,600.00
9. Dr Structure Cover and Frame, (Inlet), EJIW6508 "storm" lid	3.00	Ea	\$915.00	\$2,745.00	\$950.00	\$2,850.00	\$1,648.35	\$4,945.05	\$2,600.00	\$7,800.00
10. Dr Structure Cover and Frame, (Manhole), EJIW1045 w/1040 "storm" lid	6.00	Ea	\$1,150.00	\$6,900.00	\$1,100.00	\$6,600.00	\$1,648.35	\$9,890.10	\$2,300.00	\$13,800.00
11. Dr Structure, Chimney, Tuck Point	38.00	Ea	\$1,375.00	\$52,250.00	\$100.00	\$3,800.00	\$384.62	\$14,615.56	\$3,200.00	\$121,600.00
12. Dr Structure, Chimney, Demolish and Reconstruct	7.00	Ea	\$2,645.00	\$18,515.00	\$450.00	\$3,150.00	\$2,637.36	\$18,461.52	\$5,100.00	\$35,700.00
13. Dr Structure, 48 inch Dia, Pre- Cast Manhole (As Needed)	1.00	Ea	\$7,877.00	\$7,877.00	\$5,500.00	\$5,500.00	\$8,791.21	\$8,791.21	\$9,600.00	\$9,600.00
14. Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot (As Needed)	1.00	Ea	\$5,660.00	\$5,660.00	\$717.00	\$717.00	\$8,791.21	\$8,791.21	\$6,500.00	\$6,500.00
15. Replace steps	3.00	Ea	\$245.00	\$735.00	\$190.00	\$570.00	\$1,648.35	\$4,945.05	\$250.00	\$750.00
16. Seal Leaks with Hydrophobic Grout (As Needed)	1.00	Ea	\$730.00	\$730.00	\$3,500.00	\$3,500.00	\$2,747.25	\$2,747.25	\$375.00	\$375.00
17. Seal Joints with Mortar (As Needed)	1.00	Ea	\$615.00	\$615.00	\$485.00	\$485.00	\$879.12	\$879.12	\$675.00	\$675.00
18. Dr Structure, 48 inch Dia, 3ft sump, Pre- Cast Catch basin	3.00	Ea	\$5,925.00	\$17,775.00	\$5,500.00	\$16,500.00	\$8,791.21	\$26,373.63	\$12,500.00	\$37,500.00
<b>STORM PIPE REHAB (Furnish and Install)</b>										
19. Pre-Lining Cleaning & Televising 8-12 inch Storm Sewer	2,393.00	Lft	\$6.00	\$14,358.00	\$5.00	\$11,965.00	\$8.79	\$21,034.47	\$22.00	\$52,646.00
20. Pre-Lining Cleaning & Televising 15-18 inch Storm Sewer	769.00	Lft	\$7.25	\$5,575.25	\$5.00	\$3,845.00	\$13.19	\$10,143.11	\$25.00	\$19,225.00
21. Pre-Lining Cleaning & Televising 21-27 inch Storm Sewer	1,505.00	Lft	\$9.00	\$13,545.00	\$5.50	\$8,277.50	\$17.58	\$26,457.90	\$28.00	\$42,140.00
22. Pre-Lining Cleaning & Televising 30-36 inch Storm Sewer	72.00	Lft	\$12.00	\$864.00	\$6.50	\$468.00	\$32.97	\$2,373.84	\$35.00	\$2,520.00
23. Pre-Lining Cleaning & Televising 30x19 inch Storm Sewer	224.00	Lft	\$12.00	\$2,688.00	\$6.50	\$1,456.00	\$27.47	\$6,153.28	\$30.00	\$6,720.00
24. Heavy Cleaning 8-12 inch Storm Sewer (4+ passes)- As Needed	2.00	Hr	\$475.00	\$950.00	\$400.00	\$800.00	\$604.40	\$1,208.80	\$500.00	\$1,000.00
25. Heavy Cleaning 15-18 inch Storm Sewer (4+ passes)- As Needed	2.00	Hr	\$475.00	\$950.00	\$400.00	\$800.00	\$604.40	\$1,208.80	\$500.00	\$1,000.00
26. Heavy Cleaning 21-27 inch Storm Sewer (4+ passes)- As Needed	2.00	Hr	\$475.00	\$950.00	\$400.00	\$800.00	\$604.40	\$1,208.80	\$500.00	\$1,000.00
27. Heavy Cleaning 30-36 inch Storm Sewer (4+ passes)- As Needed	2.00	Hr	\$475.00	\$950.00	\$400.00	\$800.00	\$604.40	\$1,208.80	\$500.00	\$1,000.00
28. Heavy Cleaning 30x19 inch Storm Sewer (4+ passes)- As Needed	2.00	Hr	\$475.00	\$950.00	\$400.00	\$800.00	\$604.40	\$1,208.80	\$500.00	\$1,000.00
29. Cut/ Grind Mineral Deposit	1.00	Ea	\$225.00	\$225.00	\$50.00	\$50.00	\$274.73	\$274.73	\$250.00	\$250.00
30. Cut/Grind Protruding Lateral (As Needed)	1.00	Ea	\$250.00	\$250.00	\$75.00	\$75.00	\$274.73	\$274.73	\$250.00	\$250.00
31. Cut Root Intrusion (As Needed)	1.00	Ea	\$250.00	\$250.00	\$50.00	\$50.00	\$274.73	\$274.73	\$250.00	\$250.00
32. Sewer Lining, CIPP, 8-12 inch Storm Sewer	1,372.00	Lft	\$75.00	\$102,900.00	\$133.00	\$182,476.00	\$96.22	\$132,013.84	\$175.00	\$240,100.00
33. Sewer Lining, CIPP, 15-18 inch Storm Sewer	386.00	Lft	\$109.00	\$42,074.00	\$162.00	\$62,532.00	\$140.60	\$54,271.60	\$200.00	\$77,200.00
34. Sewer Lining, CIPP, 21-27 inch Storm Sewer	599.00	Lft	\$150.00	\$89,850.00	\$198.00	\$118,602.00	\$197.65	\$118,392.35	\$250.00	\$149,750.00
35. Sewer Lining, CIPP, 30-36 inch Storm Sewer	72.00	Lft	\$320.00	\$23,040.00	\$297.00	\$21,384.00	\$397.90	\$28,648.80	\$400.00	\$28,800.00
36. Sewer Lining, CIPP, 30x19 inch Storm Sewer	224.00	Lft	\$185.00	\$41,440.00	\$327.00	\$73,248.00	\$222.78	\$49,902.72	\$300.00	\$67,200.00
37. Sectional Liner (SCIPP) 8-12 inch Diameter, 2-8 ft Length	6.00	Ea	\$3,950.00	\$23,700.00	\$4,000.00	\$24,000.00	\$4,945.05	\$29,670.30	\$4,500.00	\$27,000.00
38. Sectional Liner (SCIPP) 15-18 inch Diameter, 2-8 ft Length	2.00	Ea	\$4,700.00	\$9,400.00	\$5,500.00	\$11,000.00	\$8,241.76	\$16,483.52	\$5,500.00	\$11,000.00
39. Sectional Liner (SCIPP) 21-27 inch Diameter, 2-8 ft Length	6.00	Ea	\$5,000.00	\$30,000.00	\$5,750.00	\$34,500.00	\$13,736.26	\$82,417.56	\$6,500.00	\$39,000.00
40. Sectional Liner (SCIPP) 21-27 inch Diameter, 9-16 ft Length	1.00	Ea	\$10,000.00	\$10,000.00	\$14,500.00	\$14,500.00	\$19,230.77	\$19,230.77	\$13,000.00	\$13,000.00
41. Site Clearing	80.00	Syd	\$26.50	\$2,120.00	\$15.00	\$1,200.00	\$16.48	\$1,318.40	\$100.00	\$8,000.00
42. Sewer, Rem, 24 inch to 36 inch	41.00	Lft	\$23.00	\$943.00	\$44.00	\$1,804.00	\$54.95	\$2,252.95	\$70.00	\$2,870.00
43. Sewer, Cl E, 24 inch, Tr Det A	36.00	Lft	\$165.00	\$5,940.00	\$225.00	\$8,100.00	\$329.67	\$11,868.12	\$200.00	\$7,200.00
44. Sewer Tap, 24 inch	1.00	Ea	\$865.00	\$865.00	\$4,500.00	\$4,500.00	\$2,197.80	\$2,197.80	\$2,600.00	\$2,600.00
45. Sewer End Sect, 24 inch	1.00	Ea	\$1,865.00	\$1,865.00	\$4,350.00	\$4,350.00	\$3,296.70	\$3,296.70	\$2,600.00	\$2,600.00
<b>PAVEMENT REPAIR (Furnish and Install)</b>										
46. Pavt, Rem	83.34	Syd	\$235.00	\$19,584.90	\$32.00	\$2,666.88	\$21.98	\$1,831.81	\$40.00	\$3,333.60
47. Curb and Gutter, Rem	16.00	LFt	\$32.00	\$512.00	\$24.00	\$384.00	\$54.95	\$879.20	\$100.00	\$1,600.00
48. Sidewalk, Rem (As Needed)	20.00	Syd	\$115.00	\$2,300.00	\$21.00	\$420.00	\$10.99	\$219.80	\$15.00	\$300.00
49. Aggregate Base, 6 inch, Modified	83.34	Syd	\$77.50	\$6,458.85	\$39.00	\$3,250.26	\$32.97	\$2,747.72	\$52.00	\$4,333.68
50. HMA, MDOT 13A	7.54	Ton	\$650.00	\$4,901.00	\$400.00	\$3,016.00	\$412.09	\$3,107.16	\$525.00	\$3,958.50
51. Curb and Gutter, Conc, Match Existing	16.00	Lft	\$250.00	\$4,000.00	\$50.00	\$800.00	\$98.90	\$1,582.40	\$160.00	\$2,560.00
52. Sidewalk, Conc, 4 inch (As Needed)	20.00	Syd	\$210.00	\$4,200.00	\$72.00	\$1,440.00	\$98.90	\$1,978.00	\$160.00	\$3,200.00
53. Conc Pavt, Nonreinf, 8 inch	60.49	Syd	\$210.00	\$12,702.90	\$100.00	\$6,049.00	\$98.90	\$5,982.46	\$400.00	\$24,196.00
54. Site Restoration	398.00	Syd	\$34.00	\$13,532.00	\$28.90	\$11,502.20	\$21.98	\$8,748.04	\$45.00	\$17,910.00
<b>MISCELLANEOUS (Furnish and Install)</b>										
55. Erosion Control, Silt Fence (As Needed)	200.00	Ft	\$7.00	\$1,400.00	\$3.50	\$700.00	\$1.48	\$296.00	\$7.00	\$1,400.00
56. Erosion Control, Inlet Protection, Fabric Drop (As Needed)	20.00	Ea	\$225.00	\$4,500.00	\$100.00	\$2,000.00	\$109.89	\$2,197.80	\$195.00	\$3,900.00
57. Fence, Protective (As Needed)	100.00	Lft	\$10.00	\$1,000.00	\$5.50	\$550.00	\$2.58	\$258.00	\$15.00	\$1,500.00
58. Tree, Rem, 6 inch to 18 inch (As Needed)	1.00	Ea	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$384.62	\$384.62	\$2,600.00	\$2,600.00
59. Audio Video Route Survey	1.00	LS	\$7,150.00	\$7,150.00	\$2,000.00	\$2,000.00	\$5,769.23	\$5,769.23	\$12,500.00	\$12,500.00
60. Traffic Control	1.00	LS	\$10,000.00	\$10,000.00	\$17,500.00	\$17,500.00	\$4,670.33	\$4,670.33	\$30,000.00	\$30,000.00
61. Permit Allowance	2,700.00	Dlr	\$1.00	\$2,700.00	\$1.00	\$2,700.00	\$1.00	\$2,700.00	\$1.00	\$2,700.00
62. Observation Crew Days		Days/800	100	\$80,000.00	65	\$52,000.00	92	\$73,600.00	100.00	\$80,000.00
<b>TOTAL BID AMOUNT</b>				<b>\$793,661.90</b>		<b>\$830,892.84</b>		<b>\$975,607.70</b>		<b>\$1,419,162.78</b>

ENGINEER: Fatemeh Babakhani, P.E.  
 Hubbell, Roth & Clark, Inc.  
 555 Hulet Drive  
 Bloomfield Hills, MI 48303