

BID TABULATION
 2018-2019 WATER MAIN REPLACEMENT PROGRAM
 CITY OF BLOOMFIELD HILLS
 OAKLAND COUNTY, MICHIGAN

Bids Due: 2/1/2018
 HRC Job # 20170428

Bricco Excavating, LLC
 21201 Meyers Rd
 Oak Park, MI 48237
 (248) 547-6963

Pamar Enterprises, Inc
 58021 Gratiot Ave
 New Haven, MI 48048
 (586) 749-8593

FDM Contracting, Inc
 49156 Van Dyke Ave
 Shelby Twp, MI 48317
 (586) 739-8400

BASE BID

Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
BASE BID								
1. Mobilization - Max 5% of Bid	1	LS	\$165,000.00	\$165,000.00	\$175,000.00	\$175,000.00	\$165,000.00	\$165,000.00
2. Color Audio-Video Route Survey	1	LS	\$48,000.00	\$48,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
3. Allowance for Exploratory Services	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
4. Clearing	0.04	ac	\$86,000.00	\$3,440.00	\$8,500.00	\$340.00	\$25,000.00	\$1,000.00
5. Tree Trimming	24	hrs	\$250.00	\$6,000.00	\$300.00	\$7,200.00	\$400.00	\$9,600.00
6. Mailbox, Remove, Salvage and Reinstall	73	ea	\$150.00	\$10,950.00	\$100.00	\$7,300.00	\$50.00	\$3,650.00
7. Mailbox Post, Furnish and Install	44	ea	\$100.00	\$4,400.00	\$100.00	\$4,400.00	\$75.00	\$3,300.00
8. Sign, Remove, Salvage and Reinstall	37	ea	\$200.00	\$7,400.00	\$150.00	\$5,550.00	\$50.00	\$1,850.00
9. Pulverize Ex. HMA Pavement	24,668	syd	\$7.50	\$185,010.00	\$4.00	\$98,672.00	\$1.25	\$30,835.00
10. Pavt, Rem	3,146	syd	\$7.50	\$23,595.00	\$4.00	\$12,584.00	\$7.00	\$22,022.00
11. Brick Paver, Remove and Salvage	189	syd	\$10.00	\$1,890.00	\$32.00	\$6,048.00	\$10.00	\$1,890.00
12. Curb, Rem	4,341	lft	\$5.00	\$21,705.00	\$3.00	\$13,023.00	\$3.00	\$13,023.00
13. Dr Structure, Rem	14	ea	\$550.00	\$7,700.00	\$350.00	\$4,900.00	\$350.00	\$4,900.00
14. Sanitary Structure, Rem	3	ea	\$1,000.00	\$3,000.00	\$800.00	\$2,400.00	\$650.00	\$1,950.00
15. Culv, Rem, Less than 24 inch	49	ea	\$200.00	\$9,800.00	\$150.00	\$7,350.00	\$200.00	\$9,800.00
16. Culv, End, Rem, Less than 24 inch	8	ea	\$115.00	\$920.00	\$85.00	\$680.00	\$1.00	\$8.00
17. Sewer, Rem, Less Than 24 inch	740	lft	\$18.00	\$13,320.00	\$15.00	\$11,100.00	\$12.00	\$8,880.00
18. Gate Well, Rem	11	ea	\$1,000.00	\$11,000.00	\$350.00	\$3,850.00	\$400.00	\$4,400.00
19. Hydrant, Rem	17	ea	\$350.00	\$5,950.00	\$350.00	\$5,950.00	\$400.00	\$6,800.00
20. Headwall, Rem	19	ea	\$150.00	\$2,850.00	\$90.00	\$1,710.00	\$100.00	\$1,900.00
21. Station Grading, Mod	106.70	Sta	\$1,700.00	\$181,390.00	\$1,000.00	\$106,700.00	\$1,500.00	\$160,050.00
22. Maintenance Gravel	2,160	ton	\$10.00	\$21,600.00	\$13.00	\$28,080.00	\$12.00	\$25,920.00
23. Sawcut, Driveways	2,330	lft	\$2.00	\$4,660.00	\$1.51	\$3,524.71	\$2.00	\$4,660.00
24. Aggregate Base, 21 AA Crushed Limestone	13,930	ton	\$14.00	\$195,020.00	\$13.00	\$181,090.00	\$23.00	\$320,390.00
25. Curb and Gutter, Conc, Det E2, Mod	4,906	lft	\$15.00	\$73,590.00	\$18.00	\$88,308.00	\$16.50	\$80,949.00
26. Curb and Gutter, Conc, Mountable	2,958	lft	\$14.00	\$41,412.00	\$18.00	\$53,244.00	\$17.00	\$50,286.00
27. Curb and Gutter, Conc, Match Existing	82	lft	\$29.00	\$2,378.00	\$30.00	\$2,460.00	\$25.00	\$2,050.00

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BASE BID

Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
28. Culv, 12 inch CMP, 16 Gauge, Tr Det B	154	lft	\$34.00	\$5,236.00	\$55.00	\$8,470.00	\$40.00	\$6,160.00
29. Culv End Section, 12 inch CMP, 16 Gauge	12	ea	\$150.00	\$1,800.00	\$75.00	\$900.00	\$150.00	\$1,800.00
30. Sewer, CI IV, 12 inch, Tr Det B	906	lft	\$40.00	\$36,240.00	\$92.00	\$83,352.00	\$42.00	\$38,052.00
BASE BID (cont.)								
31. Sewer, CI IV, 18 inch, Tr Det B	28	lft	\$50.00	\$1,400.00	\$115.00	\$3,220.00	\$65.00	\$1,820.00
32. Sewer, HDPE Perforated, Ditch Enclosure Pipe, 8 inch	3,486	lft	\$35.00	\$122,010.00	\$38.00	\$132,468.00	\$36.00	\$125,496.00
33. Sewer, HDPE Perforated, Ditch Enclosure Pipe, 12 inch	891	lft	\$38.00	\$33,858.00	\$46.00	\$40,986.00	\$41.00	\$36,531.00
34. Underdrain, 6-inch, Special	15,551	lft	\$14.00	\$217,714.00	\$16.50	\$256,591.50	\$15.00	\$233,265.00
35. Underdrain, Outlet Ending	104	ea	\$90.00	\$9,360.00	\$125.00	\$13,000.00	\$50.00	\$5,200.00
36. Maintenance Basin, 24 inch Dia	43	ea	\$750.00	\$32,250.00	\$700.00	\$30,100.00	\$1,200.00	\$51,600.00
37. Dr Structure, 24 in Dia	4	ea	\$800.00	\$3,200.00	\$1,400.00	\$5,600.00	\$1,500.00	\$6,000.00
38. Dr Structure, 48 inch Dia	10	ea	\$1,200.00	\$12,000.00	\$2,000.00	\$20,000.00	\$2,500.00	\$25,000.00
39. Dr Structure, 48 inch Dia, over Existing	6	ea	\$2,000.00	\$12,000.00	\$2,800.00	\$16,800.00	\$3,500.00	\$21,000.00
40. Dr Structure, 48 inch Dia, Low Head, over Existing	3	ea	\$2,100.00	\$6,300.00	\$2,300.00	\$6,900.00	\$3,500.00	\$10,500.00
41. Dr Structure, 48 inch Dia, Low Head	7	ea	\$1,300.00	\$9,100.00	\$2,100.00	\$14,700.00	\$2,500.00	\$17,500.00
42. Dr Structure, 48 inch Dia, Low Head w/2' Sump	5	ea	\$1,450.00	\$7,250.00	\$2,600.00	\$13,000.00	\$2,500.00	\$12,500.00
43. Dr Structure, 48 inch Dia w/ 2' Sump	15	ea	\$1,400.00	\$21,000.00	\$2,100.00	\$31,500.00	\$2,500.00	\$37,500.00
44. Dr Structure Cover, EJ 1049 Type 02, or Equal	30	ea	\$450.00	\$13,500.00	\$400.00	\$12,000.00	\$600.00	\$18,000.00
45. Dr Structure Cover, EJ 1040 Type A, or Equal	6	ea	\$460.00	\$2,760.00	\$380.00	\$2,280.00	\$600.00	\$3,600.00
46. Dr Structure Cover, EJ 5000 Type M2, or Equal	20	ea	\$525.00	\$10,500.00	\$350.00	\$7,000.00	\$600.00	\$12,000.00
47. Sewer Trap	7	ea	\$390.00	\$2,730.00	\$350.00	\$2,450.00	\$400.00	\$2,800.00
48. Sewer, Tap, 12 inch	8	ea	\$380.00	\$3,040.00	\$550.00	\$4,400.00	\$400.00	\$3,200.00
49. Sewer, Bulkhead, 12 inch	3	ea	\$170.00	\$510.00	\$100.00	\$300.00	\$250.00	\$750.00
50. Structure, Adjust	38	ea	\$150.00	\$5,700.00	\$350.00	\$13,300.00	\$450.00	\$17,100.00
51. Structure, Reconstruct	13	ea	\$800.00	\$10,400.00	\$450.00	\$5,850.00	\$600.00	\$7,800.00

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BASE BID

Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
52. Sanitary Sewer, PVC Truss, 8 inch, Tr Det B	552	lft	\$57.00	\$31,464.00	\$125.00	\$69,000.00	\$135.00	\$74,520.00
53. Sanitary Sewer, PVC Truss, 10 inch, Tr Det B	183	lft	\$60.00	\$10,980.00	\$127.00	\$23,241.00	\$100.00	\$18,300.00
54. Sanitary Sewer Lead, PVC 23.5. Tr Det B	45	lft	\$48.00	\$2,160.00	\$90.00	\$4,050.00	\$60.00	\$2,700.00
55. Sanitary Sewer Lead, Reconnect	2	ea	\$1,500.00	\$3,000.00	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00
56. Sanitary Structure, 48 inch Dia	6	ea	\$1,800.00	\$10,800.00	\$2,750.00	\$16,500.00	\$3,000.00	\$18,000.00
BASE BID (cont.)								
57. Sanitary Structure Cover, EJ 1040 Type A or Equal	10	ea	\$600.00	\$6,000.00	\$500.00	\$5,000.00	\$600.00	\$6,000.00
58. Sanitary Sewer, Tap, 8 inch	3	ea	\$800.00	\$2,400.00	\$3,250.00	\$9,750.00	\$1,000.00	\$3,000.00
59. Sanitary Structure, Adjust	30	ea	\$300.00	\$9,000.00	\$770.00	\$23,100.00	\$650.00	\$19,500.00
60. Sanitary Structure, Reconstruct	10	ea	\$950.00	\$9,500.00	\$990.00	\$9,900.00	\$600.00	\$6,000.00
61. Water Main, DI, 8 inch, Tr Det G w/Poly Wrap	9,605	lft	\$60.00	\$576,300.00	\$85.00	\$816,425.00	\$102.00	\$979,710.00
62. Fire Hydrant Assembly	17	ea	\$5,000.00	\$85,000.00	\$5,500.00	\$93,500.00	\$4,500.00	\$76,500.00
63. Tapping Sleeve Valve and Well, 8 inch	4	ea	\$7,000.00	\$28,000.00	\$9,000.00	\$36,000.00	\$5,500.00	\$22,000.00
64. Gate Valve and Well, 8 inch	13	ea	\$3,000.00	\$39,000.00	\$5,100.00	\$66,300.00	\$3,500.00	\$45,500.00
65. Connect to Existing Water Main	21	ea	\$5,000.00	\$105,000.00	\$1,500.00	\$31,500.00	\$3,000.00	\$63,000.00
66. Rem Exist. Water Main	339	lft	\$7.00	\$2,373.00	\$32.00	\$10,848.00	\$15.00	\$5,085.00
67. Abandon Exist. Water Main	9,429	lft	\$1.00	\$9,429.00	\$0.55	\$5,185.95	\$1.50	\$14,143.50
68. 1 1/2-inch Water Service Lead	2,596	lft	\$55.00	\$142,780.00	\$77.00	\$199,892.00	\$40.00	\$103,840.00
69. Mueller Stop Box or Approved Equal	84	ea	\$150.00	\$12,600.00	\$550.00	\$46,200.00	\$400.00	\$33,600.00
70. Gate Well Structure Cover, EJ 1040 Type A or Equal	16	ea	\$600.00	\$9,600.00	\$500.00	\$8,000.00	\$550.00	\$8,800.00
71. Gate and Well, Adjust	6	ea	\$300.00	\$1,800.00	\$350.00	\$2,100.00	\$450.00	\$2,700.00
72. Trench Undercut and Backfill (as needed)	900	cyd	\$25.00	\$22,500.00	\$0.02	\$18.00	\$1.00	\$900.00
73. Subgrade Undercutting, Type II, Special	1,840	cyd	\$7.00	\$12,880.00	\$11.00	\$20,240.00	\$10.00	\$18,400.00
74. 1" x 3" Crushed Concrete, Special	3,670	ton	\$12.00	\$44,040.00	\$11.00	\$40,370.00	\$14.00	\$51,380.00
75. Geogrid BX1300 or Approved Equal, Special	5,525	syd	\$1.00	\$5,525.00	\$3.60	\$19,890.00	\$3.00	\$16,575.00
76. 4' High Property Protection Fence	400	lft	\$8.00	\$3,200.00	\$5.00	\$2,000.00	\$5.00	\$2,000.00

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BASE BID

Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
77. Site Restoration_Woodridge Road	1	LS	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
78. Site Restoration_Goodhue Road	1	LS	\$24,000.00	\$24,000.00	\$12,000.00	\$12,000.00	\$20,000.00	\$20,000.00
79. Site Restoration_Martell Court	1	LS	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00
80. Site Restoration_Martell Drive	1	LS	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00
81. Site Restoration_Haverhill Road	1	LS	\$23,000.00	\$23,000.00	\$11,000.00	\$11,000.00	\$20,000.00	\$20,000.00
82. Site Restoration_Bennington Drive	1	LS	\$30,000.00	\$30,000.00	\$13,000.00	\$13,000.00	\$20,000.00	\$20,000.00
83. Site Restoration_Rudgate Road	1	LS	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00	\$20,000.00	\$20,000.00
84. Site Restoration_Marblehead Drive	1	LS	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00
85. Site Restoration_Merrimac Court	1	LS	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
BASE BID (cont.)								
86. Site Restoration_Sebago Lane	1	LS	\$8,000.00	\$8,000.00	\$4,000.00	\$4,000.00	\$20,000.00	\$20,000.00
87. Site Restoration_Falmouth Drive	1	LS	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
88. Site Restoration_Kennebec Court	1	LS	\$18,000.00	\$18,000.00	\$7,000.00	\$7,000.00	\$20,000.00	\$20,000.00
89. Erosion Protection, Silt Fence	2,100	lft	\$2.00	\$4,200.00	\$1.25	\$2,625.00	\$2.00	\$4,200.00
90. Erosion Protection, Inlet Protection	136	ea	\$150.00	\$20,400.00	\$45.00	\$6,120.00	\$75.00	\$10,200.00
91. Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	12	ea	\$80.00	\$960.00	\$80.00	\$960.00	\$140.00	\$1,680.00
92. Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	12	ea	\$1.00	\$12.00	\$0.01	\$0.12	\$1.00	\$12.00
93. Minor Traffic Devices	1	LS	\$1,100.00	\$1,100.00	\$95,000.00	\$95,000.00	\$5,000.00	\$5,000.00
94. Sign, Type B, Temp, Prismatic, Furn	324	sft	\$4.00	\$1,296.00	\$6.00	\$1,944.00	\$7.00	\$2,268.00
95. Sign, Type B, Temp, Prismatic, Oper	324	sft	\$1.00	\$324.00	\$0.01	\$3.24	\$0.01	\$3.24
96. Plastic Drum, High Intensity, Furn	300	ea	\$22.00	\$6,600.00	\$19.00	\$5,700.00	\$20.00	\$6,000.00
97. Plastic Drum, High Intensity, Oper	300	ea	\$1.00	\$300.00	\$0.01	\$3.00	\$1.00	\$300.00
98. Traffic Regulator Control	1	LS	\$1,000.00	\$1,000.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
99. Misc. Sprinkler & Lighting Repair	1	LS	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
100. Maintaining Traffic	1	LS	\$160,000.00	\$160,000.00	\$144,000.00	\$144,000.00	\$5,000.00	\$5,000.00
101. Observation Crew Day	\$700	days	200 Days	\$140,000.00	120 Days	\$84,000.00	160 Days	\$112,000.00
102. Curb and Gutter, Conc, Det F4	105	lft	\$37.00	\$3,885.00	\$18.00	\$1,890.00	\$25.00	\$2,625.00
103. Sewer, PVC Truss 8 inch, Tr Det B	95	lft	\$50.00	\$4,750.00	\$90.00	\$8,550.00	\$60.00	\$5,700.00
104. Sewer, Tap, 8 inch	5	ea	\$400.00	\$2,000.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00

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BASE BID

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TOTAL AMOUNT OF BID				\$3,339,096.00		\$3,602,336.52		\$3,638,928.74
* Corrected By Engineer								

Summary of Other Bids

4.	Lawrence M. Clarke, Inc.	\$3,846,831.00
5.	V.I.L. Construction, Inc.	\$4,054,789.36

ENGINEER:
 Hubbell, Roth & Clark, Inc.
 555 Hulet Drive
 P.O. Box 824
 Bloomfield Hills, MI 48083-0824

