

BID TABULATION  
 14 MILE ROAD TRANSMISSION MAIN REHABILITATION  
 SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY  
 OAKLAND COUNTY  
**BASE BID**

Bids Due: Wednesday, December 5, 2018 at 11:00 a.m.  
 HRC Job # 20160840

**Verdeterre Contracting, Inc.**  
 7994 Belleville Road  
 Belleville, MI 48111  
 P (734) 697-4166  
 F (734) 697-2809

**Bricco Excavating Co., Inc.**  
 21201 Meyers Road  
 Oak Park, MI 48237  
 P (248) 547-6963  
 F (248) 547-7347

**Pamar Enterprises, Inc.**  
 58021 Gratiot Avenue  
 New Haven, MI 48048  
 P (586) 749-8593  
 F (586) 749-8839

Item	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1 Mobilization, Max 5%	LSUM	1	\$94,475.00	\$94,475.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00
2 Color Audio-Video Route Survey	LSUM	1	\$5,250.00	\$5,250.00	\$55,000.00	\$55,000.00	\$2,750.00	\$2,750.00
3 Curb and Gutter, Rem	LFT	483	\$13.70	\$6,617.10	\$15.00	\$7,245.00	\$12.00	\$5,796.00
4 Pavt, Rem	SYD	1045	\$21.50	\$22,467.50	\$22.00	\$22,990.00	\$16.00	\$16,720.00
5 HMA Surface, Rem	SYD	755	\$15.50	\$11,702.50	\$21.00	\$15,855.00	\$8.00	\$6,040.00
6 Sidewalk, Rem	SYD	100	\$18.25	\$1,825.00	\$20.00	\$2,000.00	\$10.00	\$1,000.00
7 Tree, Rem, 6 inch to 18 inch	EA	1	\$1,040.00	\$1,040.00	\$1,000.00	\$1,000.00	\$350.00	\$350.00
8 Fence, Rem	LFT	55	\$10.20	\$561.00	\$27.00	\$1,485.00	\$6.00	\$330.00
9 Sign, Remove, Salvage and Reinstall	EA	2	\$150.00	\$300.00	\$300.00	\$600.00	\$250.00	\$500.00
10 Sewer, Rem, less than 24 inch	LFT	54	\$37.00	\$1,998.00	\$23.00	\$1,242.00	\$22.00	\$1,188.00
11 Dr Structure, Rem	EA	3	\$545.00	\$1,635.00	\$800.00	\$2,400.00	\$450.00	\$1,350.00
12 Gate Well, Rem	EA	5	\$545.00	\$2,725.00	\$1,300.00	\$6,500.00	\$550.00	\$2,750.00
13 Gate Well, Abandon	EA	2	\$270.00	\$540.00	\$500.00	\$1,000.00	\$350.00	\$700.00
14 Tapping Sleeve, Valve and Well, Rem	EA	1	\$1,360.00	\$1,360.00	\$2,000.00	\$2,000.00	\$600.00	\$600.00
15 Hydrant, Rem	EA	3	\$545.00	\$1,635.00	\$550.00	\$1,650.00	\$450.00	\$1,350.00
16 Replace Gas Test Station (allowance)	EA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
17 Water Main, 16 inch, Rem	LFT	30	\$43.25	\$1,297.50	\$50.00	\$1,500.00	\$65.00	\$1,950.00
18 Abandon Existing Water Main	LFT	25	\$43.25	\$1,081.25	\$50.00	\$1,250.00	\$40.00	\$1,000.00
19 Remove PRV Vault, Special	LSUM	1	\$9,500.00	\$9,500.00	\$25,000.00	\$25,000.00	\$8,000.00	\$8,000.00
20 PRV Vault and Internal Piping (including all internals)	LSUM	1	\$78,500.00	\$78,500.00	\$250,000.00	\$250,000.00	\$110,000.00	\$110,000.00
21 Water Main, DIWM CL 54 Zinc Coated w/ Restrained Joints, 12 inch, OC CSB w/ Polywrap	LFT	25	\$192.50	\$4,812.50	\$180.00	\$4,500.00	\$185.00	\$4,625.00
22 Water Main, DIWM CL 54 Zinc Coated w/ Restrained Joints, 16 inch, OC CSB w/ Polywrap	LFT	1040	\$237.50	\$247,000.00	\$210.00	\$218,400.00	\$227.00	\$236,080.00
23 Water Main, HDPE, 16 inch, Pipe Burst	LFT	5502	\$114.00	\$627,228.00	\$145.00	\$797,790.00	\$227.00	\$1,248,954.00
24 Gate Valve and Well, 16 inch	EA	13	\$11,465.00	\$149,045.00	\$17,000.00	\$221,000.00	\$12,500.00	\$162,500.00
25 Gate Valve and Well, 12 inch	EA	1	\$5,245.00	\$5,245.00	\$12,000.00	\$12,000.00	\$6,250.00	\$6,250.00
26 Gate Valve and Well, 16 inch, Special	EA	1	\$13,675.00	\$13,675.00	\$18,000.00	\$18,000.00	\$16,500.00	\$16,500.00
27 Gate Valve and Well, 12 inch, Special	EA	1	\$6,190.00	\$6,190.00	\$13,000.00	\$13,000.00	\$12,000.00	\$12,000.00
28 Gate Valve and Box, 16 inch	EA	2	\$7,585.00	\$15,170.00	\$12,000.00	\$24,000.00	\$9,500.00	\$19,000.00
29 Blow off Valve and Well, 6 inch	EA	1	\$3,590.00	\$3,590.00	\$4,000.00	\$4,000.00	\$8,800.00	\$8,800.00
30 Fire Hydrant Assembly, Complete	EA	0	\$0.00	\$0.00	\$0.00	\$0.00	\$7,750.00	\$0.00
31 Water Main Connection, 16 inch to existing 16 inch	EA	6	\$5,050.00	\$30,300.00	\$7,000.00	\$42,000.00	\$9,000.00	\$54,000.00
32 Water Main Connection, 16 inch to existing 12 inch	EA	1	\$5,050.00	\$5,050.00	\$6,500.00	\$6,500.00	\$8,800.00	\$8,800.00
33 Water Main Connection, 12 inch to existing 12 inch	EA	2	\$3,800.00	\$7,600.00	\$6,000.00	\$12,000.00	\$8,200.00	\$16,400.00
34 Spot Liner, 24 inch (As Needed)	EA	2	\$8,000.00	\$16,000.00	\$2,500.00	\$5,000.00	\$11,000.00	\$22,000.00
35 End Seal, 16 inch	EA	0	\$0.00	\$0.00	\$0.00	\$0.00	\$5,500.00	\$0.00
36 Concrete Anchor	EA	3	\$4,185.00	\$12,555.00	\$3,000.00	\$9,000.00	\$2,800.00	\$8,400.00
37 Sewer, CL IV, 12 inch, TR Det B1	LFT	54	\$91.75	\$4,954.50	\$100.00	\$5,400.00	\$144.00	\$7,776.00
38 Dr Structure, 24 inch	EA	3	\$1,975.00	\$5,925.00	\$3,200.00	\$9,600.00	\$1,950.00	\$5,850.00
39 Dr Structure Cover, Type B	EA	1	\$550.00	\$550.00	\$650.00	\$650.00	\$556.00	\$556.00
40 Trench Undercut and Backfill (As-Needed)	CYD	40	\$42.00	\$1,680.00	\$55.00	\$2,200.00	\$0.01	\$0.40
41 Driveway, Nonreinf Conc, 6 inch	SYD	85	\$87.45	\$7,433.25	\$83.00	\$7,055.00	\$75.00	\$6,375.00
42 Temporary Pavement, Special	TON	230	\$175.25	\$40,307.50	\$225.00	\$51,750.00	\$175.00	\$40,250.00
43 Conc Pavt, Non Reinf, 9 inch, Special	SYD	35	\$87.45	\$3,060.75	\$107.00	\$3,745.00	\$125.00	\$4,375.00
44 Conc Pavt with Integral Curb, Non Reinf, 9 inch, Special	SYD	255	\$87.45	\$22,299.75	\$95.00	\$24,225.00	\$125.00	\$31,875.00
45 Driveway Opening, Conc, Det M	LFT	30	\$43.75	\$1,312.50	\$55.00	\$1,650.00	\$55.00	\$1,650.00
46 Concrete Curb and Gutter, Det F4, Special	LFT	328	\$32.80	\$10,758.40	\$40.00	\$13,120.00	\$55.00	\$18,040.00
47 HMA, 5E10, Mod	TON	5	\$220.74	\$1,103.70	\$350.00	\$1,750.00	\$450.00	\$2,250.00
48 HMA, 4E10, Mod	TON	10	\$220.74	\$2,207.40	\$350.00	\$3,500.00	\$450.00	\$4,500.00

BID TABULATION  
 14 MILE ROAD TRANSMISSION MAIN REHABILITATION  
 SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY  
 OAKLAND COUNTY  
**BASE BID**

Bids Due: Wednesday, December 5, 2018 at 11:00 a.m.  
 HRC Job # 20160840

**Verdeterre Contracting, Inc.**  
 7994 Belleville Road  
 Belleville, MI 48111  
 P (734) 697-4166  
 F (734) 697-2809

**Bricco Excavating Co., Inc.**  
 21201 Meyers Road  
 Oak Park, MI 48237  
 P (248) 547-6963  
 F (248) 547-7347

**Pamar Enterprises, Inc.**  
 58021 Gratiot Avenue  
 New Haven, MI 48048  
 P (586) 749-8593  
 F (586) 749-8839

Item	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
49 HMA, 2E10, Mod	TON	10	\$220.74	\$2,207.40	\$350.00	\$3,500.00	\$450.00	\$4,500.00
50 Aggregate Base, 21AA, Special	TON	600	\$43.60	\$26,160.00	\$35.00	\$21,000.00	\$23.00	\$13,800.00 *
51 Sidewalk, Conc, 4 inch	SFT	875	\$5.50	\$4,812.50	\$7.00	\$6,125.00	\$9.00	\$7,875.00
52 Sidewalk Ramp, Conc, 6 inch	SFT	80	\$10.95	\$876.00	\$10.00	\$800.00	\$16.00	\$1,280.00
53 Detectable Warning Surface	LFT	6	\$54.70	\$328.20	\$120.00	\$720.00	\$60.00	\$360.00
54 Brick Screen Wall, Remove and Replace, Special	LFT	100	\$109.50	\$10,950.00	\$90.00	\$9,000.00	\$1.00	\$100.00
55 Fence, Chainlink, 48 inch	LFT	55	\$49.25	\$2,708.75	\$50.00	\$2,750.00	\$26.00	\$1,430.00
56 Temporary Earth Retention System & Dewatering Plan (allowance)	LSUM	1	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
57 SCADA Control Panel, Complete	LSUM	1	\$49,285.00	\$49,285.00	\$55,000.00	\$55,000.00	\$41,000.00	\$41,000.00
58 Site Electrical	LSUM	1	\$23,250.00	\$23,250.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00
59 Underdrain, 6 inch, Special (As Needed)	LFT	200	\$29.00	\$5,800.00	\$25.00	\$5,000.00	\$10.00	\$2,000.00
60 Relocate/Replace Lawn Irrigation Head (As Needed)	EA	20	\$65.00	\$1,300.00	\$125.00	\$2,500.00	\$50.00	\$1,000.00
61 Relocate/Replace Lawn Irrigation Piping (As Needed)	LFT	400	\$12.50	\$5,000.00	\$5.00	\$2,000.00	\$3.00	\$1,200.00
62 Property Protection Fence	LFT	600	\$4.60	\$2,760.00	\$5.00	\$3,000.00	\$3.00	\$1,800.00
63 Exploratory Excavation and Utility Locating, Pavement	EA	85	\$545.00	\$46,325.00	\$500.00	\$42,500.00	\$90.00	\$7,650.00
64 Exploratory Excavation and Utility Locating, Greenbelt	EA	7	\$315.00	\$2,205.00	\$400.00	\$2,800.00	\$80.00	\$560.00
65 Non Haz Cont Mat Handling, Disposal, LM	CYD	200	\$28.50	\$5,700.00	\$85.00	\$17,000.00	\$15.00	\$3,000.00
66 Project Restoration	LSUM	1	\$25,750.00	\$25,750.00	\$50,000.00	\$50,000.00	\$7,000.00	\$7,000.00
67 Soil Erosion and Sedimentation SCntrol	LSUM	1	\$3,500.00	\$3,500.00	\$20,000.00	\$20,000.00	\$4,000.00	\$4,000.00
68 DTE Utility Pole Support (allowance)	LSUM	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
69 CN Railway Permit Fees (allowance)	LSUM	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
70 RCOG Permit Fees (allowance)	LSUM	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
71 Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	FT	125	\$13.70	\$1,712.50	\$13.00	\$1,625.00	\$0.01	\$1.25
72 Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	EA	8	\$164.00	\$1,312.00	\$160.00	\$1,280.00	\$0.01	\$0.08
73 Pavt Mrkg, Ovly Cold Plastic, Only	EA	9	\$164.00	\$1,476.00	\$160.00	\$1,440.00	\$0.01	\$0.09
74 Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	EA	1	\$164.00	\$164.00	\$160.00	\$160.00	\$0.01	\$0.01
75 Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	EA	4	\$154.00	\$616.00	\$150.00	\$600.00	\$0.01	\$0.04
76 Pavt Mrkg, Sprayable Thermopl, 4 inch, White	FT	2700	\$0.43	\$1,161.00	\$0.40	\$1,080.00	\$0.01	\$27.00
77 Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	FT	13500	\$0.43	\$5,805.00	\$0.40	\$5,400.00	\$0.01	\$135.00
78 Rem Spec Mrkg	SFT	1100	\$3.25	\$3,575.00	\$3.00	\$3,300.00	\$0.01	\$11.00
79 Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	EA	25	\$49.20	\$1,230.00	\$50.00	\$1,250.00	\$0.01	\$0.25
80 Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	EA	25	\$0.01	\$0.25	\$1.00	\$25.00	\$0.01	\$0.25
81 Channelizing Device, 42 inch, Furn	EA	100	\$11.60	\$1,160.00	\$11.00	\$1,100.00	\$0.01	\$1.00
82 Channelizing Device, 42 inch, Oper	EA	100	\$0.01	\$1.00	\$0.10	\$10.00	\$0.01	\$1.00
83 Conc Barrier Ending, Temp, Detail 2, Adj	EA	2	\$61.15	\$122.30	\$480.00	\$960.00	\$200.00	\$400.00
84 Conc Barrier Ending, Temp, Detail 2, Furn	EA	2	\$870.00	\$1,740.00	\$800.00	\$1,600.00	\$1,250.00	\$2,500.00
85 Conc Barrier Ending, Temp, Detail 2, Oper	EA	2	\$61.15	\$122.30	\$1.00	\$2.00	\$500.00	\$1,000.00
86 High Intensity Light, Type B, Furn	EA	1	\$54.65	\$54.65	\$55.00	\$55.00	\$0.01	\$0.01
87 High Intensity Light, Type B, Oper	EA	1	\$0.01	\$0.01	\$1.00	\$1.00	\$0.01	\$0.01
88 Lighted Arrow, Type C, Furn	EA	4	\$437.25	\$1,749.00	\$400.00	\$1,600.00	\$0.01	\$0.04
89 Lighted Arrow, Type C, Oper	EA	4	\$0.01	\$0.04	\$1.00	\$4.00	\$0.01	\$0.04
90 Minor Traf Devices	LS	1	\$13,865.00	\$13,865.00	\$25,000.00	\$25,000.00	\$75,000.00	\$75,000.00
91 Mobile Attenuator	EA	1	\$2,000.00	\$2,000.00	\$800.00	\$800.00	\$1,500.00	\$1,500.00
92 Pavt Mrkg, Longit, 6 inch or Less Width, Rem	FT	16400	\$0.64	\$10,496.00	\$0.59	\$9,676.00	\$0.01	\$164.00
93 Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	FT	75	\$0.75	\$56.25	\$1.00	\$75.00	\$0.01	\$0.75
94 Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	FT	2900	\$1.55	\$4,495.00	\$1.40	\$4,060.00	\$0.01	\$29.00
95 Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	FT	14000	\$1.55	\$21,700.00	\$1.40	\$19,600.00	\$0.01	\$140.00
96 Plastic Drum, High Intensity, Furn	EA	500	\$11.60	\$5,800.00	\$10.00	\$5,000.00	\$0.01	\$5.00

BID TABULATION  
 14 MILE ROAD TRANSMISSION MAIN REHABILITATION  
 SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY  
 OAKLAND COUNTY  
**BASE BID**

Bids Due: Wednesday, December 5, 2018 at 11:00 a.m.  
 HRC Job # 20160840

**Verdeterre Contracting, Inc.**  
 7994 Belleville Road  
 Bellebville, MI 48111  
 P (734) 697-4166  
 F (734) 697-2809

**Bricco Excavating Co., Inc.**  
 21201 Meyers Road  
 Oak Park, MI 48237  
 P (248) 547-6963  
 F (248) 547-7347

**Pamar Enterprises, Inc.**  
 58021 Gratiot Avenue  
 New Haven, MI 48048  
 P (586) 749-8593  
 F (586) 749-8839

Item	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
97 Plastic Drum, High Intensity, Oper	EA	500	\$0.01	\$5.00	\$0.10	\$50.00	\$0.01	\$5.00
98 Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	EA	3	\$164.00	\$492.00	\$150.00	\$450.00	\$0.01	\$0.03
99 Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	EA	6	\$164.00	\$984.00	\$150.00	\$900.00	\$0.01	\$0.06
100 Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	FT	95	\$13.70	\$1,301.50	\$13.00	\$1,235.00	\$0.01	\$0.95
101 Sign Cover	EA	100	\$5.50	\$550.00	\$5.00	\$500.00	\$0.01	\$1.00
102 Sign, Portable, Changeable Message, Furn	EA	6	\$2,000.00	\$12,000.00	\$1,650.00	\$9,900.00	\$0.01	\$0.06
103 Sign, Portable, Changeable Message, Oper	EA	6	\$76.45	\$458.70	\$1.00	\$6.00	\$0.01	\$0.06
104 Sign, Type B, Temp, Prismatic, Furn	SFT	2230	\$3.30	\$7,359.00	\$3.00	\$6,690.00	\$0.01	\$22.30
105 Sign, Type B, Temp, Prismatic, Oper	SFT	2230	\$0.01	\$22.30	\$0.10	\$223.00	\$0.01	\$22.30
106 Sign, Type B, Temp, Prismatic, Special, Furn	SFT	490	\$5.50	\$2,695.00	\$5.00	\$2,450.00	\$0.01	\$4.90
107 Sign, Type B, Temp, Prismatic, Special, Oper	SFT	490	\$0.01	\$4.90	\$0.10	\$49.00	\$0.01	\$4.90
108 Traf Regulator Control	LS	1	\$4,925.00	\$4,925.00	\$4,500.00	\$4,500.00	\$40,000.00	\$40,000.00
109 Conc Barrier, Temp, Limited Deflection, Det 2, Furn	FT	450	\$43.05	\$19,372.50	\$45.00	\$20,250.00	\$20.00	\$9,000.00
110 Conc Barrier, Temp, Limited Deflection, Det 2, Oper	FT	450	\$4.70	\$2,115.00	\$1.00	\$450.00	\$10.00	\$4,500.00
111 Conc Barrier, Temp, Limited Deflection, Det 2, Adj	FT	100	\$4.70	\$470.00	\$1.00	\$100.00	\$5.00	\$500.00
112 TS, Bag	EA	11	\$164.00	\$1,804.00	\$10.00	\$110.00	\$0.01	\$0.11
113 TS, Bag, Rem	EA	11	\$164.00	\$1,804.00	\$80.00	\$880.00	\$0.01	\$0.11
114 TS Head, Adj	EA	4	\$550.00	\$2,200.00	\$150.00	\$600.00	\$0.01	\$0.04
115 TS Head, Temp	EA	3	\$550.00	\$1,650.00	\$5.00	\$15.00	\$0.01	\$0.03
116 Pavt Mrkg, Wet Reflective, Type R, Tape, Only	EA	2	\$164.00	\$328.00	\$150.00	\$300.00	\$0.01	\$0.02
117 Internal Video Inspection, 16 inch to 24 inch Diameter Pipeline (as needed)	LFT	340	\$2.75	\$935.00	\$25.00	\$8,500.00	\$6.00	\$2,040.00
118 Normal Cleaning, 16 inch to 24 inch Diameter Water Main (as needed)	LFT	340	\$6.00	\$2,040.00	\$10.00	\$3,400.00	\$13.00	\$4,420.00
119 Heavy Hydraulic Cleaning, 16 inch to 24 inch Diameter Water Main (as needed)	LFT	340	\$12.00	\$4,080.00	\$25.00	\$8,500.00	\$22.00	\$7,480.00
120 Observation Crew Days	DAYS		\$700.00	\$42,000.00	\$700.00	\$91,000.00	\$700.00	\$63,000.00
<b>TOTAL BID AMOUNT</b>				<b>\$1,976,490.15</b>		<b>\$2,639,008.00</b>		<b>\$2,643,653.09 *</b>

\* Corrected by Engineer

ENGINEER: Bradley W. Shepler, P.E.  
 Hubbell, Roth & Clark, Inc.  
 555 Hulet Drive  
 Bloomfield Hills, MI 48303

Additional Bidders:  
 Murphy Pipeline Contractors, Inc - \$2,722,136.84  
 Bidigare Contracors, Inc. - \$2,803,767.58  
 D&D Water & Sewer, Inc. - \$3,120,083.00