



TABULATION OF BIDS
 CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

DATE: 11/29/2023
 TIME: 10:00 AM

Prepared by Anderson, Eckstein and Westrick, Inc.
 51301 Schoenherr Road
 Shelby Township, MI 48315

BIDDER RANKING

BASE BID - CLASS 54 DUCTILE IRON WATER MAIN

RANK	BIDDER'S NAME	TOTAL BASE BID AMOUNT
1	Verdeterre Contracting, Inc.	\$ 1,693,397.00
2	F.D.M. Contracting, Inc.	\$ 1,972,500.00 *
3	Inner City Contracting, LLC	\$ 1,996,269.06 *
4	Major Contracting Group, Inc.	\$ 2,134,627.00
5	Pamar Enterprises, Inc.	\$ 2,321,572.00
6	Bidigare Contractors, Inc.	\$ 2,487,857.00
7	DVM Utilities	\$ 2,862,841.00 *

BIDDER RANKING

ALTERNATE BID - C909 PVC WATER MAIN

RANK	BIDDER'S NAME	TOTAL ALTERNATE BID AMOUNT
1	Verdeterre Contracting, Inc.	\$ 1,598,699.00
2	F.D.M. Contracting, Inc.	\$ 1,866,760.00 *
3	Bidigare Contractors, Inc.	\$ 1,870,897.00
4	Inner City Contracting, LLC	\$ 1,928,504.80 *
5	Major Contracting Group, Inc.	\$ 2,097,327.00 *
6	Pamar Enterprises, Inc.	\$ 2,275,628.00
7	DVM Utilities	\$ 2,821,641.00 *

* CORRECTED BY ENGINEER



TABULATION OF BIDS

CITY OF TROY

BADDER DRIVE WATER

MAIN REPLACEMENT

AEW PROJECT NO. 0238-0023

Verdeferre Contracting, Inc.
7994 Belleville Road
Belleville, MI 48111

F.D.M. Contracting, Inc.
49156 Van Dyke
Shelby Township, MI 48317

Inner City Contracting, LLC
18715 Grand River Avenue
Detroit, MI 48223

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
GENERAL									
1.	_Mobilization, Max \$80,000	1	LS	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00
2.	_Audio-Video Route Survey (Max. \$5000)	1	LS	5,000.00	5,000.00	2,000.00	2,000.00	5,000.00	5,000.00
3.	_Inspection Day	800	Day	35	28,000.00	130	104,000.00	90	72,000.00
CITY OF TROY									
4.	Curb and Gutter, Rem	560	Ft	13.00	7,280.00	10.00	5,600.00	2.20	1,232.00
5.	Pavt, Rem	1,600	Syd	10.50	16,800.00	14.00	22,400.00	12.50	20,000.00
6.	Hydrant, Rem	9	Ea	485.00	4,365.00	750.00	6,750.00	407.00	3,663.00
7.	Gate Well, Abandon	3	Ea	645.00	1,935.00	750.00	2,250.00	894.00	2,682.00
8.	_Water Main, DI, CL 54, 6 inch, Tr Det G	14	Ft	140.00	1,960.00	250.00	3,500.00	159.15	2,228.10
9.	_Water Main, DI, CL 54, 8 inch, Tr Det G	12	Ft	176.00	2,112.00	255.00	3,060.00	173.60	2,083.20
10.	_Water Main, DI, CL 54, 12 inch, Tr Det G	316	Ft	192.00	60,672.00	260.00	82,160.00	208.70	65,949.20
11.	_Water Main, DI, CL 54, 8 inch, Directional Drilled	232	Ft	227.00	52,664.00	240.00	55,680.00	762.47	176,893.04 *
12.	_Water Main, DI, CL 54, 12 inch, Directional Drilled	2,698	Ft	250.00	674,500.00	305.00	822,890.00	214.40	578,451.20
13.	_Water Main Connection 6 inch	2	Ea	2,550.00	5,100.00	6,000.00	12,000.00	19,473.00	38,946.00
14.	_Water Main Connection, 12 inch	4	Ea	3,200.00	12,800.00	7,500.00	30,000.00	19,473.00	77,892.00
15.	_Water Service Reconnection, Short Side, Direct Tap (1 Inch)	9	Ea	300.00	2,700.00	1,200.00	10,800.00	1,154.00	10,386.00
16.	_Water Service Reconnection, Saddle Tap (1.5 Inch)	1	Ea	800.00	800.00	1,900.00	1,900.00	1,982.00	1,982.00
17.	_Water Service Reconnection, Saddle Tap (2.5 Inch)	2	Ea	1,300.00	2,600.00	3,500.00	7,000.00	3,001.00	6,002.00
18.	_Copper Tubing (1 inch)	198	Ft	34.00	6,732.00	40.00	7,920.00	53.25	10,543.50
19.	_Copper Tubing (1.5 inch)	7	Ft	84.00	588.00	45.00	315.00	207.70	1,453.90
20.	_Copper Tubing (2.5 inch)	33	Ft	100.00	3,300.00	100.00	3,300.00	155.10	5,118.30
21.	_Curb Stop, Curb Box, and Stem (1 inch), Complete	11	Ea	475.00	5,225.00	750.00	8,250.00	491.50	5,406.50



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BADDER DRIVE WATER

MAIN REPLACEMENT

AEW PROJECT NO. 0238-0023

Verdeferre Contracting, Inc.
7994 Belleville Road
Belleville, MI 48111

F.D.M. Contracting, Inc.
49156 Van Dyke
Shelby Township, MI 48317

Inner City Contracting, LLC
18715 Grand River Avenue
Detroit, MI 48223

Item No.	Description	Estimated Quantity	Units	Verdeferre Contracting, Inc.		F.D.M. Contracting, Inc.		Inner City Contracting, LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
22.	_Curb Stop, Curb Box, and Stem (1.5 inch), Complete	1	Ea	675.00	675.00	1,500.00	1,500.00	782.25	782.25
23.	_Curb Stop, Curb Box, and Stem (2.5 inch), Complete	2	Ea	1,000.00	2,000.00	3,000.00	6,000.00	1,210.00	2,420.00
24.	Fire Hydrant	10	Ea	6,500.00	65,000.00	12,500.00	125,000.00	11,852.00	118,520.00
25.	Gate Valve, 6 inch	1	Ea	1,750.00	1,750.00	3,500.00	3,500.00	1,389.00	1,389.00
26.	Gate Valve, 8 inch	1	Ea	2,300.00	2,300.00	4,000.00	4,000.00	1,916.00	1,916.00
27.	Gate Valve, 12 inch	6	Ea	4,050.00	24,300.00	7,000.00	42,000.00	3,420.00	20,520.00
28.	Gate Well, 60 inch dia	2	Ea	4,100.00	8,200.00	5,000.00	10,000.00	9,121.00	18,242.00
29.	Gate Well, 72 inch dia	6	Ea	4,900.00	29,400.00	6,000.00	36,000.00	9,815.00	58,890.00
30.	_Aggregate Base, 21AA, 6 inch	1,880	Syd	19.00	35,720.00	15.00	28,200.00	17.75	33,370.00
31.	Curb and Gutter, Conc, Det C4	510	Ft	37.00	18,870.00	38.00	19,380.00	36.95	18,844.50
32.	Conc Pavt, Nonreinf, 8 inch	150	Syd	90.00	13,500.00	85.00	12,750.00	98.90	14,835.00
33.	HMA, 5EL	180	Ton	240.00	43,200.00	250.00	45,000.00	223.00	40,140.00
34.	HMA, 4EL	350	Ton	230.00	80,500.00	245.00	85,750.00	218.00	76,300.00
35.	_Bituminous Curb, 6 inch	50	Ft	115.00	5,750.00	50.00	2,500.00	65.00	3,250.00
36.	_Water Main Blow Off, 2 Inch	15	Ea	960.00	14,400.00	500.00	7,500.00	1,420.00	21,300.00
37.	_DPW Structure Cover, Adj, Case 1	6	Ea	1,000.00	6,000.00	1,200.00	7,200.00	569.00	3,414.00
38.	_DPW Structure Cover, Adj, Case 2	2	Ea	500.00	1,000.00	750.00	1,500.00	569.00	1,138.00
39.	_DPW Structure Cover, Adj, Add Depth	10	Ft	240.00	2,400.00	250.00	2,500.00	767.00	7,670.00
40.	_DPW Structure Cover	3	Ea	710.00	2,130.00	1,000.00	3,000.00	562.00	1,686.00
41.	Underdrain, Subgrade, Open-Graded, 6 inch	391	Ft	19.00	7,429.00	25.00	9,775.00	14.87	5,814.17
42.	Driveway, Nonreinf Conc, 8 inch	20	Syd	85.00	1,700.00	85.00	1,700.00	98.25	1,965.00
43.	Driveway Opening, Conc, Det M	60	Ft	45.00	2,700.00	40.00	2,400.00	42.00	2,520.00
44.	_Mail Box Post	1	Ea	500.00	500.00	100.00	100.00	100.00	100.00



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AEW PROJECT NO. 0238-0023

Verdeferre Contracting, Inc.
7994 Belleville Road
Belleville, MI 48111

F.D.M. Contracting, Inc.
49156 Van Dyke
Shelby Township, MI 48317

Inner City Contracting, LLC
18715 Grand River Avenue
Detroit, MI 48223

Item No.	Description	Estimated Quantity		Verdeferre Contracting, Inc.		F.D.M. Contracting, Inc.		Inner City Contracting, LLC	
		Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
45.	Erosion Control, Inlet Protection, Fabric Drop	18	Ea	150.00	2,700.00	125.00	2,250.00	150.00	2,700.00
46.	Erosion Control, Silt Fence	320	Ft	3.25	1,040.00	3.00	960.00	2.50	800.00
47.	Seeding, Mixture THM, Modified	22	Lbs	5.50	121.00	10.00	220.00	10.00	220.00
48.	Sodding	330	Syd	9.00	2,970.00	12.00	3,960.00	16.00	5,280.00
49.	Water, Sodding/Seeding	7	Units	300.00	2,100.00	50.00	350.00	300.00	2,100.00
50.	Fertilizer, Chemical Nutrient, CI A	24	Lbs	6.00	144.00	10.00	240.00	5.00	120.00
51.	Mulch	480	Syd	5.50	2,640.00	7.00	3,360.00	1.75	840.00
52.	Topsoil Surface, Furn, 4 inch	480	Syd	8.50	4,080.00	9.00	4,320.00	11.60	5,568.00
53.	Topsoil Surface, Furn, 3 inch	330	Syd	8.50	2,805.00	8.00	2,640.00	9.20	3,036.00
54.	_Maintaining Traffic (Stage 1)	1	LS	14,000.00	14,000.00	20,000.00	20,000.00	3,605.00	3,605.00
55.	_Sanitary House Lead, 6 inch (If Necessary)	30	Ft	120.00	3,600.00	150.00	4,500.00	153.70	4,611.00
56.	_CCTV Lateral Inspection (Pre-Const)	11	Ea	225.00	2,475.00	500.00	5,500.00	1,176.00	12,936.00
57.	_CCTV Lateral Inspection (Post-Const)	11	Ea	225.00	2,475.00	500.00	5,500.00	1,176.00	12,936.00
58.	_Water Main Break Repair (As-Needed)	3	Ea	4,500.00	13,500.00	1,500.00	4,500.00	2,491.40	7,474.20
59.	_Maintenance Aggregate, 21AA Limestone	800	Ton	45.00	36,000.00	40.00	32,000.00	30.00	24,000.00
60.	_Misc Saw Cut	100	Ft	5.50	550.00	10.00	1,000.00	5.00	500.00
61.	Subgrade Undercutting, Type II	200	Cyd	100.00	20,000.00	35.00	7,000.00	29.95	5,990.00
CITY OF TROY (Alternate Bid)									
62.	_Water Main, C909 PVC, 6 inch, Tr Det G	14	Ft	110.00	1,540.00	210.00	2,940.00	139.30	1,950.20
63.	_Water Main, C909 PVC, 8 inch, Tr Det G	12	Ft	145.00	1,740.00	215.00	2,580.00	155.85	1,870.20
64.	_Water Main, C909 PVC, 12 inch, Tr Det G	316	Ft	150.00	47,400.00	220.00	69,520.00	173.15	54,715.40
65.	_Water Main, Fusible PVC, C900 DR14, 8 inch, Directional Drilled	232	Ft	190.00	44,080.00	205.00	47,560.00	714.39	165,738.48 *
66.	_Water Main, Fusible PVC, C900 DR14, 12 inch, Directional Drilled	2,498	Ft	225.00	562,050.00	275.00	686,950.00	196.90	491,856.20



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
67.	_Water Main, DI, CL 54, 12 inch, Tr Det G	200	Ft	202.00	40,400.00	260.00	52,000.00	208.55	41,710.00
CITY OF CLAWSON									
68.	Pavt, Rem	250	Syd	14.50	3,625.00	14.00	3,500.00	11.70	2,925.00
69.	_Driveway, Rem	70	Syd	17.50	1,225.00	12.00	840.00	8.80	616.00
70.	Sidewalk, Rem	34	Syd	25.00	850.00	10.00	340.00	8.80	299.20
71.	Hydrant, Rem	1	Ea	500.00	500.00	750.00	750.00	407.00	407.00
72.	_Fence, Rem, Salvage & Replace	20	Ft	165.00	3,300.00	25.00	500.00	25.00	500.00
73.	_Water Main, C900 DR14, 8 inch, Tr Det G	129	Ft	120.00	15,480.00		0.00	256.90	33,140.10
74.	_Water Main, Fusible PVC, C900 DR14, 8 inch, Directional Drilled	648	Ft	170.00	110,160.00		0.00	162.70	105,429.60
75.	_Water Main Connection, 8 inch	1	Ea	2,600.00	2,600.00	7,500.00	7,500.00	7,991.00	7,991.00
76.	_Water Main Connection, 12 inch	1	Ea	3,500.00	3,500.00	10,000.00	10,000.00	17,085.00	17,085.00
77.	Gate Valve, 8 inch	2	Ea	2,300.00	4,600.00	4,000.00	8,000.00	2,140.00	4,280.00
78.	Gate Valve, 12 inch	1	Ea	4,050.00	4,050.00	7,000.00	7,000.00	3,852.00	3,852.00
79.	Gate Well, 60 inch dia	2	Ea	4,100.00	8,200.00	5,000.00	10,000.00	7,816.00	15,632.00
80.	Gate Well, 72 inch dia	1	Ea	4,900.00	4,900.00	6,000.00	6,000.00	9,096.00	9,096.00
81.	Fire Hydrant	1	Ea	5,600.00	5,600.00	12,500.00	12,500.00	11,852.00	11,852.00
82.	_Water Main Blow Off, 2 Inch	3	Ea	2,250.00	6,750.00	500.00	1,500.00	1,420.00	4,260.00
83.	_Aggregate Base, 21AA, 6 inch	200	Syd	20.00	4,000.00	15.00	3,000.00	17.75	3,550.00
84.	_Aggregate Base, 21AA, 10 inch	60	Syd	45.00	2,700.00	28.00	1,680.00	28.60	1,716.00
85.	Driveway, Nonreinf Conc, 6 inch	10	Syd	75.00	750.00	80.00	800.00	81.35	813.50
86.	Driveway, Nonreinf Conc, 8 inch	70	Syd	85.00	5,950.00	85.00	5,950.00	97.50	6,825.00
87.	_Curb Ramp, Conc, 8 inch	40	Sft	12.00	480.00	15.00	600.00	16.15	646.00
88.	Detectable Warning Surface	5	Ft	110.00	550.00	50.00	250.00	100.00	500.00



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Verdeterre Contracting, Inc.
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F.D.M. Contracting, Inc.
49156 Van Dyke
Shelby Township, MI 48317

Inner City Contracting, LLC
18715 Grand River Avenue
Detroit, MI 48223

Item No.	Description	Estimated Quantity		Verdeterre Contracting, Inc.		F.D.M. Contracting, Inc.		Inner City Contracting, LLC			
		Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
89.	Sidewalk, Conc, 4 inch	360	Sft	7.75	2,790.00	8.50	3,060.00	7.00	2,520.00		
90.	_Granular Material, Cl II, 4 inch	70	Syd	22.00	1,540.00	10.00	700.00	10.60	742.00		
91.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	70	Syd	95.00	6,650.00	85.00	5,950.00	102.88	7,201.60		
92.	Conc Pavt with Integral Curb, Nonreinf, 12 inch	190	Syd	116.00	22,040.00	125.00	23,750.00	129.30	24,567.00		
93.	_Maintenance Aggregate, 21AA Limestone	200	Ton	45.00	9,000.00	40.00	8,000.00	27.00	5,400.00		
94.	_Maintaining Traffic (Stage 2)	1	LS	4,500.00	4,500.00	20,000.00	20,000.00	3,075.00	3,075.00		
95.	_CCTV Lateral Inspection (Pre-Const)	3	Ea	225.00	675.00	500.00	1,500.00	949.00	2,847.00		
96.	_CCTV Lateral Inspection (Post-Const)	3	Ea	225.00	675.00	500.00	1,500.00	949.00	2,847.00		
BASE BID - CLASS 54 DUCTILE IRON WATER MAIN				TOTAL BID							
				AMOUNT (Line Nos. 1 to 61 and 68 to 96)		\$	1,693,397.00	\$	1,972,500.00 *	\$	1,996,269.06 *
ALTERNATE BID - C909 PVC WATER MAIN				TOTAL BID							
				AMOUNT (Line Nos. 1 to 7 and 13 to 96)		\$	1,598,699.00	\$	1,866,760.00 *	\$	1,928,504.80 *

*** CORRECTED BY ENGINEER**



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CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

Major Contracting Group, Inc.
 12222 Greenfield Road
 Detroit, MI 48227

Pamar Enterprises, Inc.
 31604 Pamar Court
 New Haven, MI 48048

Bigdare Contractors, Inc.
 939 S. Mill Street
 Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
GENERAL									
1.	_Mobilization, Max \$80,000	1	LS	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00
2.	_Audio-Video Route Survey (Max. \$5000)	1	LS	5,000.00	5,000.00	1,150.00	1,150.00	1,150.00	1,150.00
3.	_Inspection Day	800	Day	75	60,000.00	88	70,400.00	50	40,000.00
CITY OF TROY									
4.	Curb and Gutter, Rem	560	Ft	12.00	6,720.00	12.00	6,720.00	10.00	5,600.00
5.	Pavt, Rem	1,600	Syd	18.00	28,800.00	10.00	16,000.00	20.00	32,000.00
6.	Hydrant, Rem	9	Ea	800.00	7,200.00	900.00	8,100.00	600.00	5,400.00
7.	Gate Well, Abandon	3	Ea	500.00	1,500.00	550.00	1,650.00	1,000.00	3,000.00
8.	_Water Main, DI, CL 54, 6 inch, Tr Det G	14	Ft	220.00	3,080.00	90.00	1,260.00	350.00	4,900.00
9.	_Water Main, DI, CL 54, 8 inch, Tr Det G	12	Ft	450.00	5,400.00	345.00	4,140.00	420.00	5,040.00
10.	_Water Main, DI, CL 54, 12 inch, Tr Det G	316	Ft	450.00	142,200.00	365.00	115,340.00	450.00	142,200.00
11.	_Water Main, DI, CL 54, 8 inch, Directional Drilled	232	Ft	180.00	41,760.00	345.00	80,040.00	420.00	97,440.00
12.	_Water Main, DI, CL 54, 12 inch, Directional Drilled	2,698	Ft	250.00	674,500.00	348.00	938,904.00	450.00	1,214,100.00
13.	_Water Main Connection 6 inch	2	Ea	10,000.00	20,000.00	9,970.00	19,940.00	3,750.00	7,500.00
14.	_Water Main Connection, 12 inch	4	Ea	11,000.00	44,000.00	14,350.00	57,400.00	4,250.00	17,000.00
15.	_Water Service Reconnection, Short Side, Direct Tap (1 Inch)	9	Ea	1,900.00	17,100.00	2,450.00	22,050.00	2,100.00	18,900.00
16.	_Water Service Reconnection, Saddle Tap (1.5 Inch)	1	Ea	2,800.00	2,800.00	2,900.00	2,900.00	2,300.00	2,300.00
17.	_Water Service Reconnection, Saddle Tap (2.5 Inch)	2	Ea	3,000.00	6,000.00	3,200.00	6,400.00	2,750.00	5,500.00
18.	_Copper Tubing (1 inch)	198	Ft	90.00	17,820.00	44.00	8,712.00	45.00	8,910.00
19.	_Copper Tubing (1.5 inch)	7	Ft	100.00	700.00	66.00	462.00	60.00	420.00
20.	_Copper Tubing (2.5 inch)	33	Ft	110.00	3,630.00	88.00	2,904.00	75.00	2,475.00
21.	_Curb Stop, Curb Box, and Stem (1 inch), Complete	11	Ea	1,000.00	11,000.00	470.00	5,170.00	525.00	5,775.00



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CITY OF TROY

BADDER DRIVE WATER

MAIN REPLACEMENT

AEW PROJECT NO. 0238-0023

Major Contracting Group, Inc.

12222 Greenfield Road

Detroit, MI 48227

Pamar Enterprises, Inc.

31604 Pamar Court

New Haven, MI 48048

Bidigare Contractors, Inc.

939 S. Mill Street

Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	Major Contracting Group, Inc.		Pamar Enterprises, Inc.		Bidigare Contractors, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
22.	_Curb Stop, Curb Box, and Stem (1.5 inch), Complete	1	Ea	1,700.00	1,700.00	790.00	790.00	1,100.00	1,100.00
23.	_Curb Stop, Curb Box, and Stem (2.5 inch), Complete	2	Ea	1,900.00	3,800.00	1,050.00	2,100.00	1,750.00	3,500.00
24.	Fire Hydrant	10	Ea	12,000.00	120,000.00	13,500.00	135,000.00	9,750.00	97,500.00
25.	Gate Valve, 6 inch	1	Ea	3,000.00	3,000.00	4,000.00	4,000.00	2,175.00	2,175.00
26.	Gate Valve, 8 inch	1	Ea	5,000.00	5,000.00	5,500.00	5,500.00	2,750.00	2,750.00
27.	Gate Valve, 12 inch	6	Ea	8,000.00	48,000.00	6,500.00	39,000.00	4,800.00	28,800.00
28.	Gate Well, 60 inch dia	2	Ea	10,000.00	20,000.00	7,000.00	14,000.00	6,100.00	12,200.00
29.	Gate Well, 72 inch dia	6	Ea	11,000.00	66,000.00	7,500.00	45,000.00	7,175.00	43,050.00
30.	_Aggregate Base, 21AA, 6 inch	1,880	Syd	22.00	41,360.00	22.00	41,360.00	16.00	30,080.00
31.	Curb and Gutter, Conc, Det C4	510	Ft	52.00	26,520.00	35.00	17,850.00	32.00	16,320.00
32.	Conc Pavt, Nonreinf, 8 inch	150	Syd	110.00	16,500.00	85.00	12,750.00	110.00	16,500.00
33.	HMA, 5EL	180	Ton	240.00	43,200.00	187.00	33,660.00	200.00	36,000.00
34.	HMA, 4EL	350	Ton	200.00	70,000.00	170.00	59,500.00	190.00	66,500.00
35.	_Bituminous Curb, 6 inch	50	Ft	65.00	3,250.00	58.00	2,900.00	38.00	1,900.00
36.	_Water Main Blow Off, 2 Inch	15	Ea	700.00	10,500.00	100.00	1,500.00	3,000.00	45,000.00
37.	_DPW Structure Cover, Adj, Case 1	6	Ea	900.00	5,400.00	880.00	5,280.00	700.00	4,200.00
38.	_DPW Structure Cover, Adj, Case 2	2	Ea	500.00	1,000.00	780.00	1,560.00	700.00	1,400.00
39.	_DPW Structure Cover, Adj, Add Depth	10	Ft	375.00	3,750.00	450.00	4,500.00	300.00	3,000.00
40.	_DPW Structure Cover	3	Ea	600.00	1,800.00	690.00	2,070.00	700.00	2,100.00
41.	Underdrain, Subgrade, Open-Graded, 6 inch	391	Ft	20.00	7,820.00	17.00	6,647.00	25.00	9,775.00
42.	Driveway, Nonreinf Conc, 8 inch	20	Syd	100.00	2,000.00	80.00	1,600.00	120.00	2,400.00
43.	Driveway Opening, Conc, Det M	60	Ft	60.00	3,600.00	42.00	2,520.00	35.00	2,100.00
44.	_Mail Box Post	1	Ea	400.00	400.00	165.00	165.00	65.00	65.00



TABULATION OF BIDS

CITY OF TROY

BADDER DRIVE WATER

MAIN REPLACEMENT

AEW PROJECT NO. 0238-0023

Major Contracting Group, Inc.

12222 Greenfield Road

Detroit, MI 48227

Pamar Enterprises, Inc.

31604 Pamar Court

New Haven, MI 48048

Bidigare Contractors, Inc.

939 S. Mill Street

Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	Major Contracting Group, Inc.		Pamar Enterprises, Inc.		Bidigare Contractors, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
45.	Erosion Control, Inlet Protection, Fabric Drop	18	Ea	150.00	2,700.00	100.00	1,800.00	100.00	1,800.00
46.	Erosion Control, Silt Fence	320	Ft	4.00	1,280.00	2.00	640.00	3.00	960.00
47.	Seeding, Mixture THM, Modified	22	Lbs	70.00	1,540.00	10.00	220.00	45.00	990.00
48.	Sodding	330	Syd	8.00	2,640.00	14.50	4,785.00	20.00	6,600.00
49.	Water, Sodding/Seeding	7	Units	500.00	3,500.00	90.00	630.00	100.00	700.00
50.	Fertilizer, Chemical Nutrient, CI A	24	Lbs	10.00	240.00	5.00	120.00	30.00	720.00
51.	Mulch	480	Syd	3.00	1,440.00	5.00	2,400.00	6.00	2,880.00
52.	Topsoil Surface, Furn, 4 inch	480	Syd	14.00	6,720.00	14.50	6,960.00	9.00	4,320.00
53.	Topsoil Surface, Furn, 3 inch	330	Syd	12.00	3,960.00	13.00	4,290.00	9.00	2,970.00
54.	_Maintaining Traffic (Stage 1)	1	LS	48,000.00	48,000.00	35,000.00	35,000.00	25,000.00	25,000.00
55.	_Sanitary House Lead, 6 inch (If Necessary)	30	Ft	180.00	5,400.00	225.00	6,750.00	125.00	3,750.00
56.	_CCTV Lateral Inspection (Pre-Const)	11	Ea	250.00	2,750.00	180.00	1,980.00	300.00	3,300.00
57.	_CCTV Lateral Inspection (Post-Const)	11	Ea	250.00	2,750.00	180.00	1,980.00	300.00	3,300.00
58.	_Water Main Break Repair (As-Needed)	3	Ea	2,500.00	7,500.00	550.00	1,650.00	1,500.00	4,500.00
59.	_Maintenance Aggregate, 21AA Limestone	800	Ton	42.00	33,600.00	12.50	10,000.00	15.00	12,000.00
60.	_Misc Saw Cut	100	Ft	8.00	800.00	5.00	500.00	5.00	500.00
61.	Subgrade Undercutting, Type II	200	Cyd	74.00	14,800.00	60.00	12,000.00	40.00	8,000.00
CITY OF TROY (Alternate Bid)									
62.	_Water Main, C909 PVC, 6 inch, Tr Det G	14	Ft	220.00	3,080.00	85.00	1,190.00	185.00	2,590.00
63.	_Water Main, C909 PVC, 8 inch, Tr Det G	12	Ft	450.00	5,400.00	315.00	3,780.00	185.00	2,220.00
64.	_Water Main, C909 PVC, 12 inch, Tr Det G	316	Ft	450.00	142,200.00	335.00	105,860.00	375.00	118,500.00
65.	_Water Main, Fusible PVC, C900 DR14, 8 inch, Directional Drilled	232	Ft	170.00	39,440.00	315.00	73,080.00	200.00	46,400.00
66.	_Water Main, Fusible PVC, C900 DR14, 12 inch, Directional Drilled	2,498	Ft	240.00	599,520.00	335.00	836,830.00	245.00	612,010.00



TABULATION OF BIDS

CITY OF TROY

BADDER DRIVE WATER

MAIN REPLACEMENT

AEW PROJECT NO. 0238-0023

Major Contracting Group, Inc.

12222 Greenfield Road

Detroit, MI 48227

Pamar Enterprises, Inc.

31604 Pamar Court

New Haven, MI 48048

Bigdare Contractors, Inc.

939 S. Mill Street

Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
67.	_Water Main, DI, CL 54, 12 inch, Tr Det G	200	Ft	200.00	40,000.00	365.00	73,000.00	325.00	65,000.00
CITY OF CLAWSON									
68.	Pavt, Rem	250	Syd	20.00	5,000.00	12.00	3,000.00	20.00	5,000.00
69.	_Driveway, Rem	70	Syd	18.00	1,260.00	11.00	770.00	18.00	1,260.00
70.	Sidewalk, Rem	34	Syd	18.00	612.00	9.00	306.00	18.00	612.00
71.	Hydrant, Rem	1	Ea	750.00	750.00	900.00	900.00	600.00	600.00
72.	_Fence, Rem, Salvage & Replace	20	Ft	50.00	1,000.00	60.00	1,200.00	50.00	1,000.00
73.	_Water Main, C900 DR14, 8 inch, Tr Det G	129	Ft	220.00	28,380.00	265.00	34,185.00	185.00	23,865.00
74.	_Water Main, Fusible PVC, C900 DR14, 8 inch, Directional Drilled	648	Ft	180.00	116,640.00	254.00	164,592.00	200.00	129,600.00
75.	_Water Main Connection, 8 inch	1	Ea	10,000.00	10,000.00	10,890.00	10,890.00	3,200.00	3,200.00
76.	_Water Main Connection, 12 inch	1	Ea	11,000.00	11,000.00	14,350.00	14,350.00	5,500.00	5,500.00
77.	Gate Valve, 8 inch	2	Ea	5,000.00	10,000.00	5,500.00	11,000.00	2,750.00	5,500.00
78.	Gate Valve, 12 inch	1	Ea	8,000.00	8,000.00	6,500.00	6,500.00	4,800.00	4,800.00
79.	Gate Well, 60 inch dia	2	Ea	10,000.00	20,000.00	7,000.00	14,000.00	6,100.00	12,200.00
80.	Gate Well, 72 inch dia	1	Ea	11,000.00	11,000.00	7,500.00	7,500.00	7,175.00	7,175.00
81.	Fire Hydrant	1	Ea	12,000.00	12,000.00	13,500.00	13,500.00	9,750.00	9,750.00
82.	_Water Main Blow Off, 2 Inch	3	Ea	750.00	2,250.00	100.00	300.00	2,750.00	8,250.00
83.	_Aggregate Base, 21AA, 6 inch	200	Syd	22.00	4,400.00	22.00	4,400.00	16.00	3,200.00
84.	_Aggregate Base, 21AA, 10 inch	60	Syd	30.00	1,800.00	36.00	2,160.00	20.00	1,200.00
85.	Driveway, Nonreinf Conc, 6 inch	10	Syd	75.00	750.00	68.00	680.00	75.00	750.00
86.	Driveway, Nonreinf Conc, 8 inch	70	Syd	90.00	6,300.00	80.00	5,600.00	110.00	7,700.00
87.	_Curb Ramp, Conc, 8 inch	40	Sft	12.00	480.00	11.00	440.00	20.00	800.00
88.	Detectable Warning Surface	5	Ft	65.00	325.00	100.00	500.00	50.00	250.00



TABULATION OF BIDS

CITY OF TROY

BADDER DRIVE WATER

MAIN REPLACEMENT

AEW PROJECT NO. 0238-0023

Major Contracting Group, Inc.

12222 Greenfield Road

Detroit, MI 48227

Pamar Enterprises, Inc.

31604 Pamar Court

New Haven, MI 48048

Bigdare Contractors, Inc.

939 S. Mill Street

Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	Major Contracting Group, Inc.		Pamar Enterprises, Inc.		Bigdare Contractors, Inc.			
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
89.	Sidewalk, Conc, 4 inch	360	Sft	10.00	3,600.00	7.00	2,520.00	8.00	2,880.00		
90.	_Granular Material, Cl II, 4 inch	70	Syd	15.00	1,050.00	20.00	1,400.00	5.00	350.00		
91.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	70	Syd	100.00	7,000.00	90.00	6,300.00	110.00	7,700.00		
92.	Conc Pavt with Integral Curb, Nonreinf, 12 inch	190	Syd	120.00	22,800.00	110.00	20,900.00	140.00	26,600.00		
93.	_Maintenance Aggregate, 21AA Limestone	200	Ton	42.00	8,400.00	12.50	2,500.00	15.00	3,000.00		
94.	_Maintaining Traffic (Stage 2)	1	LS	14,000.00	14,000.00	9,500.00	9,500.00	3,000.00	3,000.00		
95.	_CCTV Lateral Inspection (Pre-Const)	3	Ea	400.00	1,200.00	180.00	540.00	300.00	900.00		
96.	_CCTV Lateral Inspection (Post-Const)	3	Ea	400.00	1,200.00	180.00	540.00	300.00	900.00		
BASE BID - CLASS 54 DUCTILE IRON WATER MAIN				TOTAL BID							
				AMOUNT (Line Nos. 1 to 61 and 68 to 96)		\$	2,134,627.00	\$	2,321,572.00	\$	2,487,857.00
ALTERNATE BID - C909 PVC WATER MAIN				TOTAL BID							
				AMOUNT (Line Nos. 1 to 7 and 13 to 96)		\$	2,097,327.00 *	\$	2,275,628.00	\$	1,870,897.00

*** CORRECTED BY ENGINEER**



TABULATION OF BIDS
 CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

DVM Utilities
 6045 Sims Drive, #2
 Sterling Heights, MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
GENERAL					
1.	_Mobilization, Max \$80,000	1	LS	80,000.00	80,000.00
2.	_Audio-Video Route Survey (Max. \$5000)	1	LS	5,000.00	5,000.00
3.	_Inspection Day	800	Day	110	88,000.00
CITY OF TROY					
4.	Curb and Gutter, Rem	560	Ft	5.00	2,800.00
5.	Pavt, Rem	1,600	Syd	8.00	12,800.00
6.	Hydrant, Rem	9	Ea	900.00	8,100.00
7.	Gate Well, Abandon	3	Ea	900.00	2,700.00
8.	_Water Main, DI, CL 54, 6 inch, Tr Det G	14	Ft	466.00	6,524.00
9.	_Water Main, DI, CL 54, 8 inch, Tr Det G	12	Ft	467.00	5,604.00
10.	_Water Main, DI, CL 54, 12 inch, Tr Det G	316	Ft	484.00	152,944.00
11.	_Water Main, DI, CL 54, 8 inch, Directional Drilled	232	Ft	417.00	96,744.00
12.	_Water Main, DI, CL 54, 12 inch, Directional Drilled	2,698	Ft	426.00	1,149,348.00 *
13.	_Water Main Connection 6 inch	2	Ea	13,000.00	26,000.00
14.	_Water Main Connection, 12 inch	4	Ea	21,000.00	84,000.00 *
15.	_Water Service Reconnection, Short Side, Direct Tap (1 Inch)	9	Ea	1,625.00	14,625.00
16.	_Water Service Reconnection, Saddle Tap (1.5 Inch)	1	Ea	2,760.00	2,760.00
17.	_Water Service Reconnection, Saddle Tap (2.5 Inch)	2	Ea	3,940.00	7,880.00
18.	_Copper Tubing (1 inch)	198	Ft	35.00	6,930.00
19.	_Copper Tubing (1.5 inch)	7	Ft	55.00	385.00
20.	_Copper Tubing (2.5 inch)	33	Ft	105.00	3,465.00
21.	_Curb Stop, Curb Box, and Stem (1 inch), Complete	11	Ea	950.00	10,450.00



TABULATION OF BIDS
 CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

DVM Utilities
 6045 Sims Drive, #2
 Sterling Heights, MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
22.	_Curb Stop, Curb Box, and Stem (1.5 inch), Complete	1	Ea	1,400.00	1,400.00
23.	_Curb Stop, Curb Box, and Stem (2.5 inch), Complete	2	Ea	5,000.00	10,000.00
24.	Fire Hydrant	10	Ea	11,255.00	112,550.00
25.	Gate Valve, 6 inch	1	Ea	3,200.00	3,200.00
26.	Gate Valve, 8 inch	1	Ea	3,600.00	3,600.00
27.	Gate Valve, 12 inch	6	Ea	6,000.00	36,000.00
28.	Gate Well, 60 inch dia	2	Ea	6,800.00	13,600.00
29.	Gate Well, 72 inch dia	6	Ea	8,800.00	52,800.00
30.	_Aggregate Base, 21AA, 6 inch	1,880	Syd	19.00	35,720.00
31.	Curb and Gutter, Conc, Det C4	510	Ft	42.00	21,420.00
32.	Conc Pavt, Nonreinf, 8 inch	150	Syd	85.00	12,750.00
33.	HMA, 5EL	180	Ton	260.00	46,800.00
34.	HMA, 4EL	350	Ton	240.00	84,000.00
35.	_Bituminous Curb, 6 inch	50	Ft	36.00	1,800.00
36.	_Water Main Blow Off, 2 Inch	15	Ea	650.00	9,750.00
37.	_DPW Structure Cover, Adj, Case 1	6	Ea	800.00	4,800.00
38.	_DPW Structure Cover, Adj, Case 2	2	Ea	400.00	800.00
39.	_DPW Structure Cover, Adj, Add Depth	10	Ft	600.00	6,000.00
40.	_DPW Structure Cover	3	Ea	900.00	2,700.00
41.	Underdrain, Subgrade, Open-Graded, 6 inch	391	Ft	19.00	7,429.00
42.	Driveway, Nonreinf Conc, 8 inch	20	Syd	86.00	1,720.00
43.	Driveway Opening, Conc, Det M	60	Ft	40.00	2,400.00
44.	_Mail Box Post	1	Ea	400.00	400.00



TABULATION OF BIDS
 CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

DVM Utilities
 6045 Sims Drive, #2
 Sterling Heights, MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
45.	Erosion Control, Inlet Protection, Fabric Drop	18	Ea	100.00	1,800.00
46.	Erosion Control, Silt Fence	320	Ft	5.00	1,600.00
47.	Seeding, Mixture THM, Modified	22	Lbs	9.00	198.00
48.	Sodding	330	Syd	8.00	2,640.00
49.	Water, Sodding/Seeding	7	Units	330.00	2,310.00
50.	Fertilizer, Chemical Nutrient, Cl A	24	Lbs	6.00	144.00
51.	Mulch	480	Syd	3.00	1,440.00
52.	Topsoil Surface, Furn, 4 inch	480	Syd	9.00	4,320.00
53.	Topsoil Surface, Furn, 3 inch	330	Syd	8.00	2,640.00
54.	_Maintaining Traffic (Stage 1)	1	LS	20,000.00	20,000.00
55.	_Sanitary House Lead, 6 inch (If Necessary)	30	Ft	150.00	4,500.00
56.	_CCTV Lateral Inspection (Pre-Const)	11	Ea	400.00	4,400.00
57.	_CCTV Lateral Inspection (Post-Const)	11	Ea	400.00	4,400.00
58.	_Water Main Break Repair (As-Needed)	3	Ea	11,500.00	34,500.00
59.	_Maintenance Aggregate, 21AA Limestone	800	Ton	28.00	22,400.00
60.	_Misc Saw Cut	100	Ft	6.00	600.00
61.	Subgrade Undercutting, Type II	200	Cyd	65.00	13,000.00
CITY OF TROY (Alternate Bid)					
62.	_Water Main, C909 PVC, 6 inch, Tr Det G	14	Ft	466.00	6,524.00
63.	_Water Main, C909 PVC, 8 inch, Tr Det G	12	Ft	467.00	5,604.00
64.	_Water Main, C909 PVC, 12 inch, Tr Det G	316	Ft	484.00	152,944.00
65.	_Water Main, Fusible PVC, C900 DR14, 8 inch, Directional Drilled	232	Ft	417.00	96,744.00
66.	_Water Main, Fusible PVC, C900 DR14, 12 inch, Directional Drilled	2,498	Ft	426.00	1,064,148.00 *



TABULATION OF BIDS
 CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

DVM Utilities
 6045 Sims Drive, #2
 Sterling Heights, MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
67.	_Water Main, DI, CL 54, 12 inch, Tr Det G	200	Ft	220.00	44,000.00
CITY OF CLAWSON					
68.	Pavt, Rem	250	Syd	16.00	4,000.00
69.	_Driveway, Rem	70	Syd	12.00	840.00
70.	Sidewalk, Rem	34	Syd	8.00	272.00
71.	Hydrant, Rem	1	Ea	900.00	900.00
72.	_Fence, Rem, Salvage & Replace	20	Ft	12.00	240.00
73.	_Water Main, C900 DR14, 8 inch, Tr Det G	129	Ft	467.00	60,243.00
74.	_Water Main, Fusible PVC, C900 DR14, 8 inch, Directional Drilled	648	Ft	417.00	270,216.00
75.	_Water Main Connection, 8 inch	1	Ea	11,000.00	11,000.00
76.	_Water Main Connection, 12 inch	1	Ea	22,000.00	22,000.00
77.	Gate Valve, 8 inch	2	Ea	2,650.00	5,300.00
78.	Gate Valve, 12 inch	1	Ea	4,450.00	4,450.00
79.	Gate Well, 60 inch dia	2	Ea	7,270.00	14,540.00
80.	Gate Well, 72 inch dia	1	Ea	9,460.00	9,460.00
81.	Fire Hydrant	1	Ea	11,260.00	11,260.00
82.	_Water Main Blow Off, 2 Inch	3	Ea	1,150.00	3,450.00
83.	_Aggregate Base, 21AA, 6 inch	200	Syd	20.00	4,000.00
84.	_Aggregate Base, 21AA, 10 inch	60	Syd	35.00	2,100.00
85.	Driveway, Nonreinf Conc, 6 inch	10	Syd	149.00	1,490.00
86.	Driveway, Nonreinf Conc, 8 inch	70	Syd	159.00	11,130.00
87.	_Curb Ramp, Conc, 8 inch	40	Sft	51.00	2,040.00
88.	Detectable Warning Surface	5	Ft	80.00	400.00



TABULATION OF BIDS
 CITY OF TROY
 BADDER DRIVE WATER
 MAIN REPLACEMENT
 AEW PROJECT NO. 0238-0023

DVM Utilities
 6045 Sims Drive, #2
 Sterling Heights, MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
89.	Sidewalk, Conc, 4 inch	360	Sft	11.00	3,960.00
90.	_Granular Material, Cl II, 4 inch	70	Syd	4.00	280.00
91.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	70	Syd	85.00	5,950.00
92.	Conc Pavt with Integral Curb, Nonreinf, 12 inch	190	Syd	127.00	24,130.00
93.	_Maintenance Aggregate, 21AA Limestone	200	Ton	65.00	13,000.00
94.	_Maintaining Traffic (Stage 2)	1	LS	13,000.00	13,000.00
95.	_CCTV Lateral Inspection (Pre-Const)	3	Ea	600.00	1,800.00
96.	_CCTV Lateral Inspection (Post-Const)	3	Ea	600.00	1,800.00
BASE BID - CLASS 54 DUCTILE IRON WATER MAIN				TOTAL BID	
AMOUNT (Line Nos. 1 to 61 and 68 to 96)				\$	2,862,841.00 *
ALTERNATE BID - C909 PVC WATER MAIN				TOTAL BID	
AMOUNT (Line Nos. 1 to 7 and 13 to 96)				\$	2,821,641.00 *

*** CORRECTED BY ENGINEER**