



TABULATION OF BIDS
CITY OF ECORSE
2020 SANITARY SEWER
REHABILITATION BY PIPE BURST
AEW PROJECT NO. 0244-0009-2

DATE: 12/16/2020
TIME: 10:00 AM

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

VENDOR RANKING

<i>RANK</i>	<i>VENDOR NAME</i>		<i>TOTAL BID</i>
1	D.V.M. Utilities, Inc.	\$	1,641,683.00
2	Pamar Enterprises, Inc.	\$	1,952,033.01
3	Bidigare Contractors, Inc.	\$	2,249,025.00 *
4	Inland Waters Pollution Control, Inc.	\$	2,371,382.50
5	Lawrence M. Clarke	\$	2,551,588.10
6	M-K Construction Company, Inc.	\$	2,996,255.11 *

* CORRECTED BY ENGINEER



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AEW PROJECT NO. 0244-0009-2

D.V.M. Utilities, Inc.
6045 Sim Road, Suite 2
Sterling Heights, MI 48313-3749

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

Bidigare Contractors, Inc.
969 S. Mill Street
Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	D.V.M. Utilities, Inc.		Pamar Enterprises, Inc.		Bidigare Contractors, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	_Audio Visual Record of the Construction Influence Area	1	LS	4,000.00	4,000.00	2,000.00	2,000.00	1,850.00	1,850.00
2.	_Bonds, Insurance and Initial Set-up Expense, Max 3%	1	LS	49,000.00	49,000.00	58,000.00	58,000.00	70,500.00	70,500.00
3.	Tree, Rem, 6 inch to 18 inch	1	Ea	5,000.00	5,000.00	600.00	600.00	325.00	325.00
4.	Tree, Rem, 19 inch to 36 inch	1	Ea	5,500.00	5,500.00	2,000.00	2,000.00	1,600.00	1,600.00
5.	Tree, Rem, 37 inch or Larger	1	Ea	6,000.00	6,000.00	3,000.00	3,000.00	2,600.00	2,600.00
6.	Dr Structure, Rem	2	Ea	185.00	370.00	250.00	500.00	845.00	1,690.00
7.	Sewer, Rem, Less than 24 inch	370	Ft	50.00	18,500.00	5.00	1,850.00	25.00	9,250.00
8.	Sewer, Rem, 24 inch to 48 inch	40	Ft	85.00	3,400.00	8.00	320.00	50.00	2,000.00
9.	Sidewalk, Rem	200	Syd	18.00	3,600.00	2.00	400.00	10.00	2,000.00
10.	_Driveway, Rem	150	Syd	25.00	3,750.00	1.50	225.00	21.00	3,150.00
11.	_Fence, Remove and Replace	500	Ea	15.00	7,500.00	1.00	500.00	30.00	15,000.00
12.	Erosion Control, Inlet Protection, Fabric Drop	30	Ea	150.00	4,500.00	55.00	1,650.00	100.00	3,000.00
13.	_Maintenance Aggregate, 21AA	450	Cyd	40.00	18,000.00	12.00	5,400.00	37.00	16,650.00
14.	_Pipe Burst Ex. 8 inch Sewer (Replace w/ 8 inch, SDR 17 DIPS HDPE, Grey)	600	Ft	65.00	39,000.00	235.00	141,000.00	90.00	54,000.00
15.	_Pipe Burst Ex. 10 inch Sewer (Replace w/ 10 inch, SDR 17 DIPS HDPE, Grey)	130	Ft	70.00	9,100.00	236.00	30,680.00	85.00	11,050.00
16.	_Pipe Burst Ex. 12 inch Sewer (Replace w/ 12 inch, SDR 17 DIPS HDPE, Grey)	2,000	Ft	75.00	150,000.00	250.00	500,000.00	100.00	200,000.00
17.	_Pipe Burst Ex. 12 inch Sewer (Replace w/ 16 inch, SDR 17 DIPS HDPE, Grey)	1,550	Ft	85.00	131,750.00	257.00	398,350.00	125.00	193,750.00
18.	_Sanitary Sewer, Pre-Construction, Clean and CCTV, 8 inch - 12 inch	4,280	Ft	2.50	10,700.00	7.00	29,960.00	3.50	14,980.00
19.	_Sanitary Sewer, Post-Construction, CCTV, 8 inch - 12 inch	1,550	Ft	1.50	2,325.00	5.00	7,750.00	2.45	3,797.50
20.	Sanitary Sewer, Post-Construction, CCTV, 15 inch - 21 inch	1,550	Ft	1.50	2,325.00	5.00	7,750.00	5.65	8,757.50
21.	_Sanitary Lateral Repr, 6 dia	1,500	Ft	68.00	102,000.00	55.00	82,500.00	70.00	105,000.00 *
22.	_Investigate Sanitary Services	100	Ea	230.00	23,000.00	500.00	50,000.00	1,150.00	115,000.00
23.	_Reconnect Ex. Laterals, 8 inch w/ Cleanout	20	Ea	2,500.00	50,000.00	500.00	10,000.00	2,460.00	49,200.00
24.	_Reconnect Ex. Laterals, 10 inch w/ Cleanout	6	Ea	2,500.00	15,000.00	600.00	3,600.00	4,380.00	26,280.00



TABULATION OF BIDS

CITY OF ECORSE

2020 SANITARY SEWER

REHABILITATION BY PIPE BURST

AEW PROJECT NO. 0244-0009-2

D.V.M. Utilities, Inc.
6045 Sim Road, Suite 2
Sterling Heights, MI 48313-3749

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

Bidigare Contractors, Inc.
969 S. Mill Street
Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	D.V.M. Utilities, Inc.		Pamar Enterprises, Inc.		Bidigare Contractors, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
25.	_Reconnect Ex. Laterals, 12 inch w/ Cleanout	65	Ea	2,500.00	162,500.00	700.00	45,500.00	2,960.00	192,400.00
26.	_Reconnect Ex. Laterals, 16 inch w/ Cleanout	47	Ea	2,500.00	117,500.00	1,200.00	56,400.00	3,720.00	174,840.00
27.	_Reconnect Ex. Laterals, In Manhole w/ Cleanout	6	Ea	2,500.00	15,000.00	350.00	2,100.00	3,050.00	18,300.00
28.	_Sewer, PVC Truss, 8 inch, Tr Det B	80	Ft	185.00	14,800.00	235.00	18,800.00	272.00	21,760.00
29.	_Sewer, PVC Truss, 10 inch, Tr Det B	70	Ft	205.00	14,350.00	236.00	16,520.00	300.00	21,000.00
30.	_Sewer, PVC Truss, 12 inch, Tr Det B	220	Ft	185.00	40,700.00	250.00	55,000.00	290.00	63,800.00
31.	_Sewer, PVC Truss, 15 inch, Tr Det B	80	Ft	210.00	16,800.00	257.00	20,560.00	338.00	27,040.00
32.	Sewer, CI IV, 24 inch, Tr Det B	20	Ft	275.00	5,500.00	145.00	2,900.00	575.00	11,500.00
33.	Sewer, CI IV, 30 inch, Tr Det B	10	Ft	325.00	3,250.00	176.00	1,760.00	775.00	7,750.00
34.	Sewer, CI IV, 42 inch, Tr Det B	10	Ft	480.00	4,800.00	242.00	2,420.00	850.00	8,500.00
35.	_External Structure Wrap, 12 inch	5	Ea	1,150.00	5,750.00	650.00	3,250.00	595.00	2,975.00
36.	_External Structure Wrap, 18 inch	40	Ea	950.00	38,000.00	750.00	30,000.00	733.00	29,320.00
37.	_Lateral Cap, 6 inch	8	Ea	67.50	540.00	1,650.00	13,200.00	285.00	2,280.00
38.	_Pipe Burst Insertion and Retrieval Pits	33	Ea	6,500.00	214,500.00	1.00	33.00	11,000.00	363,000.00
39.	Dr Structure Cover, Adj, Case 1	35	Ea	445.00	15,575.00	450.00	15,750.00	1,100.00	38,500.00
40.	Dr Structure Cover, Adj, Case 2	10	Ea	300.00	3,000.00	50.00	500.00	670.00	6,700.00
41.	Dr Structure, Adj, Add Depth	200	Ft	220.00	44,000.00	150.00	30,000.00	260.00	52,000.00
42.	Dr Structure, Tap, 6 inch	6	Ea	750.00	4,500.00	500.00	3,000.00	500.00	3,000.00
43.	Dr Structure, Tap, 8 inch	6	Ea	750.00	4,500.00	600.00	3,600.00	500.00	3,000.00
44.	Dr Structure, Tap, 10 inch	4	Ea	1,050.00	4,200.00	700.00	2,800.00	500.00	2,000.00
45.	Dr Structure, Tap, 12 inch	20	Ea	713.50	14,270.00	800.00	16,000.00	500.00	10,000.00
46.	Dr Structure, Tap, 15 inch	10	Ea	750.00	7,500.00	900.00	9,000.00	500.00	5,000.00
47.	_Dr Structure, Tap, 16 inch	9	Ea	832.00	7,488.00	3,000.00	27,000.00	1,000.00	9,000.00
48.	_Dr Structure Frame and Cover, Sanitary Manhole	40	Ea	816.00	32,640.00	550.00	22,000.00	600.00	24,000.00



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Bidigare Contractors, Inc.
969 S. Mill Street
Plymouth, MI 48170

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
49.	_Dr Structure Frame and Cover, Storm Catch Basin	2	Ea	650.00	1,300.00	550.00	1,100.00	600.00	1,200.00
50.	_Dr Structure, 24 inch dia w/ Sump	2	Ea	1,650.00	3,300.00	2,500.00	5,000.00	2,500.00	5,000.00
51.	HMA, 13A	320	Ton	187.50	60,000.00	126.50	40,480.00	170.00	54,400.00
52.	_Cold Patch	200	Ton	175.00	35,000.00	55.00	11,000.00	150.00	30,000.00
53.	Pavt Repr, Rem	2,800	Syd	9.00	25,200.00	3.00	8,400.00	15.50	43,400.00
54.	Driveway, Nonreinf Conc, 6 inch	60	Syd	75.00	4,500.00	55.00	3,300.00	78.00	4,680.00
55.	Driveway, Nonreinf Conc, 8 inch	60	Syd	85.00	5,100.00	65.00	3,900.00	90.00	5,400.00
56.	_Driveway, Nonreinf Conc, 4 inch	25	Syd	86.00	2,150.00	45.00	1,125.00	75.00	1,875.00
57.	_Conc. Curb, Match Existing	200	Ft	40.00	8,000.00	30.00	6,000.00	55.00	11,000.00
58.	Sidewalk, Conc, 4 inch	800	Sft	8.00	6,400.00	6.00	4,800.00	7.00	5,600.00
59.	Sidewalk, Conc, 6 inch	400	Sft	10.00	4,000.00	7.00	2,800.00	9.00	3,600.00
60.	Sidewalk, Conc, 8 inch	325	Sft	12.00	3,900.00	8.00	2,600.00	11.00	3,575.00
61.	_Traffic Control and Maintenance	1	LS	5,850.00	5,850.00	37,500.00	37,500.00	7,000.00	7,000.00
62.	_Surface Restoration, Seeding	3,000	Syd	4.00	12,000.00	19.80	59,400.00	16.00	48,000.00
63.	_Final Cleanup and Restoration	1	LS	6,500.00	6,500.00	28,500.00	28,500.00	15,000.00	15,000.00
64.	_Deliverables - CCTV	1	LS	2,500.00	2,500.00	0.01	0.01	200.00	200.00
TOTAL AMOUNT BID				\$	1,641,683.00	\$	1,952,033.01	\$	2,249,025.00 *

* CORRECTED BY ENGINEER



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CITY OF ECORSE

2020 SANITARY SEWER

REHABILITATION BY PIPE BURST

AEW PROJECT NO. 0244-0009-2

Inland Waters Pollution Control, Inc.
4086 Michigan Ave.
Detroit, MI 48210

Lawrence M. Clarke
50850 Bemis Road
Belleville, MI 48111

M-K Construction Company, Inc.
18388 Dix Toledo Rod
Brownstown, MI 48193

Item No.	Description	Estimated Quantity	Units	Inland Waters Pollution Control, Inc.		Lawrence M. Clarke		M-K Construction Company, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	_Audio Visual Record of the Construction Influence Area	1	LS	6,500.00	6,500.00	25,000.00	25,000.00	21,705.00	21,705.00
2.	_Bonds, Insurance and Initial Set-up Expense, Max 3%	1	LS	50,000.00	50,000.00	74,318.10	74,318.10	77,750.00	77,750.00
3.	Tree, Rem, 6 inch to 18 inch	1	Ea	1,000.00	1,000.00	500.00	500.00	1,650.00	1,650.00
4.	Tree, Rem, 19 inch to 36 inch	1	Ea	3,200.00	3,200.00	1,600.00	1,600.00	3,300.00	3,300.00
5.	Tree, Rem, 37 inch or Larger	1	Ea	6,500.00	6,500.00	2,600.00	2,600.00	5,500.00	5,500.00
6.	Dr Structure, Rem	2	Ea	550.00	1,100.00	1,500.00	3,000.00	450.00	900.00
7.	Sewer, Rem, Less than 24 inch	370	Ft	65.00	24,050.00	40.00	14,800.00	3.24	1,198.80
8.	Sewer, Rem, 24 inch to 48 inch	40	Ft	100.00	4,000.00	50.00	2,000.00	240.00	9,600.00
9.	Sidewalk, Rem	200	Syd	15.00	3,000.00	10.00	2,000.00	5.28	1,056.00
10.	_Driveway, Rem	150	Syd	17.00	2,550.00	15.00	2,250.00	8.00	1,200.00
11.	_Fence, Remove and Replace	500	Ea	45.00	22,500.00	40.00	20,000.00	15.00	7,500.00
12.	Erosion Control, Inlet Protection, Fabric Drop	30	Ea	125.00	3,750.00	200.00	6,000.00	120.00	3,600.00
13.	_Maintenance Aggregate, 21AA	450	Cyd	55.00	24,750.00	50.00	22,500.00	86.40	38,880.00
14.	_Pipe Burst Ex. 8 inch Sewer (Replace w/ 8 inch, SDR 17 DIPS HDPE, Grey)	600	Ft	75.00	45,000.00	110.00	66,000.00	103.35	62,010.00
15.	_Pipe Burst Ex. 10 inch Sewer (Replace w/ 10 inch, SDR 17 DIPS HDPE, Grey)	130	Ft	150.00	19,500.00	120.00	15,600.00	223.09	29,001.70
16.	_Pipe Burst Ex. 12 inch Sewer (Replace w/ 12 inch, SDR 17 DIPS HDPE, Grey)	2,000	Ft	110.00	220,000.00	130.00	260,000.00	187.35	374,700.00
17.	_Pipe Burst Ex. 12 inch Sewer (Replace w/ 16 inch, SDR 17 DIPS HDPE, Grey)	1,550	Ft	130.00	201,500.00	175.00	271,250.00	172.15	266,832.50
18.	_Sanitary Sewer, Pre-Construction, Clean and CCTV, 8 inch - 12 inch	4,280	Ft	6.50	27,820.00	8.00	34,240.00	54.99	235,357.20
19.	_Sanitary Sewer, Post-Construction, CCTV, 8 inch - 12 inch	1,550	Ft	2.75	4,262.50	5.00	7,750.00	35.79	55,474.50
20.	Sanitary Sewer, Post-Construction, CCTV, 15 inch - 21 inch	1,550	Ft	2.75	4,262.50	8.00	12,400.00	1.37	2,123.50
21.	_Sanitary Lateral Repr, 6 dia	1,500	Ft	70.00	105,000.00	70.00	105,000.00	92.64	138,960.00
22.	_Investigate Sanitary Services	100	Ea	175.00	17,500.00	1,000.00	100,000.00	1,665.33	166,533.00
23.	_Reconnect Ex. Laterals, 8 inch w/ Cleanout	20	Ea	2,400.00	48,000.00	2,500.00	50,000.00	780.00	15,600.00
24.	_Reconnect Ex. Laterals, 10 inch w/ Cleanout	6	Ea	2,400.00	14,400.00	3,200.00	19,200.00	850.56	5,103.36



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AEW PROJECT NO. 0244-0009-2

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4086 Michigan Ave.
Detroit, MI 48210

Lawrence M. Clarke
50850 Bemis Road
Belleville, MI 48111

M-K Construction Company, Inc.
18388 Dix Toledo Rod
Brownstown, MI 48193

Item No.	Description	Estimated Quantity	Units	Inland Waters Pollution Control, Inc.		Lawrence M. Clarke		M-K Construction Company, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
25.	_Reconnect Ex. Laterals, 12 inch w/ Cleanout	65	Ea	2,400.00	156,000.00	3,400.00	221,000.00	977.76	63,554.40
26.	_Reconnect Ex. Laterals, 16 inch w/ Cleanout	47	Ea	4,500.00	211,500.00	3,900.00	183,300.00	1,200.00	56,400.00
27.	_Reconnect Ex. Laterals, In Manhole w/ Cleanout	6	Ea	2,400.00	14,400.00	3,500.00	21,000.00	660.00	3,960.00
28.	_Sewer, PVC Truss, 8 inch, Tr Det B	80	Ft	250.00	20,000.00	200.00	16,000.00	265.15	21,212.00
29.	_Sewer, PVC Truss, 10 inch, Tr Det B	70	Ft	275.00	19,250.00	210.00	14,700.00	277.15	19,400.50
30.	_Sewer, PVC Truss, 12 inch, Tr Det B	220	Ft	295.00	64,900.00	240.00	52,800.00	289.15	63,613.00
31.	_Sewer, PVC Truss, 15 inch, Tr Det B	80	Ft	325.00	26,000.00	375.00	30,000.00	373.15	29,852.00
32.	Sewer, CI IV, 24 inch, Tr Det B	20	Ft	535.00	10,700.00	700.00	14,000.00	270.00	5,400.00
33.	Sewer, CI IV, 30 inch, Tr Det B	10	Ft	545.00	5,450.00	1,000.00	10,000.00	300.00	3,000.00
34.	Sewer, CI IV, 42 inch, Tr Det B	10	Ft	655.00	6,550.00	1,500.00	15,000.00	300.00	3,000.00
35.	_External Structure Wrap, 12 inch	5	Ea	850.00	4,250.00	500.00	2,500.00	300.00	1,500.00
36.	_External Structure Wrap, 18 inch	40	Ea	925.00	37,000.00	600.00	24,000.00	360.00	14,400.00
37.	_Lateral Cap, 6 inch	8	Ea	25.00	200.00	400.00	3,200.00	36.00	288.00
38.	_Pipe Burst Insertion and Retrieval Pits	33	Ea	9,000.00	297,000.00	10,000.00	330,000.00	15,759.35	520,058.55
39.	Dr Structure Cover, Adj, Case 1	35	Ea	1,250.00	43,750.00	1,000.00	35,000.00	880.33	30,811.55 *
40.	Dr Structure Cover, Adj, Case 2	10	Ea	1,115.00	11,150.00	750.00	7,500.00	1,249.00	12,490.00
41.	Dr Structure, Adj, Add Depth	200	Ft	650.00	130,000.00	350.00	70,000.00	729.80	145,960.00
42.	Dr Structure, Tap, 6 inch	6	Ea	250.00	1,500.00	800.00	4,800.00	744.50	4,467.00
43.	Dr Structure, Tap, 8 inch	6	Ea	275.00	1,650.00	850.00	5,100.00	744.50	4,467.00
44.	Dr Structure, Tap, 10 inch	4	Ea	300.00	1,200.00	900.00	3,600.00	804.50	3,218.00
45.	Dr Structure, Tap, 12 inch	20	Ea	350.00	7,000.00	950.00	19,000.00	744.50	14,890.00
46.	Dr Structure, Tap, 15 inch	10	Ea	400.00	4,000.00	1,000.00	10,000.00	989.40	9,894.00
47.	_Dr Structure, Tap, 16 inch	9	Ea	500.00	4,500.00	1,320.00	11,880.00	1,099.33	9,893.97
48.	_Dr Structure Frame and Cover, Sanitary Manhole	40	Ea	1,250.00	50,000.00	650.00	26,000.00	540.00	21,600.00



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Item No.	Description	Estimated Quantity	Units	Inland Waters Pollution Control, Inc.		Lawrence M. Clarke		M-K Construction Company, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
49.	_Dr Structure Frame and Cover, Storm Catch Basin	2	Ea	1,100.00	2,200.00	650.00	1,300.00	480.00	960.00
50.	_Dr Structure, 24 inch dia w/ Sump	2	Ea	2,800.00	5,600.00	3,000.00	6,000.00	1,800.00	3,600.00
51.	HMA, 13A	320	Ton	350.00	112,000.00	180.00	57,600.00	146.25	46,800.00
52.	_Cold Patch	200	Ton	165.00	33,000.00	200.00	40,000.00	145.00	29,000.00
53.	Pavt Repr, Rem	2,800	Syd	45.00	126,000.00	15.00	42,000.00	66.01	184,828.00
54.	Driveway, Nonreinf Conc, 6 inch	60	Syd	80.00	4,800.00	75.00	4,500.00	66.00	3,960.00
55.	Driveway, Nonreinf Conc, 8 inch	60	Syd	95.00	5,700.00	90.00	5,400.00	77.00	4,620.00
56.	_Driveway, Nonreinf Conc, 4 inch	25	Syd	70.00	1,750.00	65.00	1,625.00	55.00	1,375.00
57.	_Conc. Curb, Match Existing	200	Ft	40.00	8,000.00	55.00	11,000.00	38.50	7,700.00
58.	Sidewalk, Conc, 4 inch	800	Sft	8.75	7,000.00	7.00	5,600.00	8.25	6,600.00
59.	Sidewalk, Conc, 6 inch	400	Sft	10.25	4,100.00	9.00	3,600.00	16.50	6,600.00
60.	Sidewalk, Conc, 8 inch	325	Sft	11.50	3,737.50	11.00	3,575.00	11.00	3,575.00
61.	_Traffic Control and Maintenance	1	LS	14,250.00	14,250.00	15,000.00	15,000.00	73,121.58	73,121.58
62.	_Surface Restoration, Seeding	3,000	Syd	10.00	30,000.00	10.00	30,000.00	11.00	33,000.00
63.	_Final Cleanup and Restoration	1	LS	24,500.00	24,500.00	75,000.00	75,000.00	1,100.00	1,100.00
64.	_Deliverables - CCTV	1	LS	650.00	650.00	1,000.00	1,000.00	550.00	550.00
TOTAL AMOUNT BID				\$	2,371,382.50	\$	2,551,588.10	\$	2,996,255.11 *

* CORRECTED BY ENGINEER