



TABULATION OF BIDS

City of Rochester
Ludlow Avenue Paving
Sanitary Sewer and Water Main
AEW PROJECT NO. 0270-0099

DATE: 5/16/2018
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 of All "A" Base Bid Prices</i>	<i>Total of All "B" Alternate Bid Prices</i>
1	DiPonio Contracting	\$ 2,025,631.03	\$ 2,254,036.43 *
2	Aielli Construction	\$ 2,259,814.59	\$ 2,281,814.59 *
3	F.D.M Contracting, Inc.	\$ 2,309,697.25	\$ 2,396,142.00 *
4	Pamar Enterprises	\$ 2,338,184.30	\$ 2,555,738.55
5	Angelo Iafrate	\$ 2,427,231.68	\$ 2,573,410.25 *
6	V.I.L. Construction	\$ 2,640,840.10	\$ 2,776,778.00 *

*** CORRECTED BY ENGINEER**



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 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

DiPonio Contracting
 51173 Simone Industrial Dr
 Shelby Twp., MI 48316

Aielli Construction
 47850 Van Dyke Ave
 Shelby Twp., MI 48317

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

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
A. Base Bid: Work Schedule									
1.	_Audio-Visual Record of Construction Site	1	LS	1,075.00	1,075.00	5,000.00	5,000.00	2,500.00	2,500.00
2.	Mobilization, Max 3%	1	LS	35,000.00	35,000.00	52,500.00	52,500.00	65,000.00	65,000.00
3.	Tree, Rem, 6 inch to 18 inch	10	Ea	300.00	3,000.00	375.00	3,750.00	350.00	3,500.00
4.	Tree, Rem, 19 inch to 36 inch	4	Ea	750.00	3,000.00	1,050.00	4,200.00	1,200.00	4,800.00
5.	Stump, Rem, 6 inch to 18 inch	5	Ea	100.00	500.00	123.00	615.00	500.00	2,500.00
6.	Dr Structure, Rem	17	Ea	300.00	5,100.00	360.00	6,120.00	500.00	8,500.00
7.	Sewer, Rem, Less than 24 inch	2,000	Ft	20.00	40,000.00	7.00	14,000.00	15.00	30,000.00
8.	Sewer, Rem, 24 inch to 48 inch	146	Ft	30.00	4,380.00	55.00	8,030.00	20.00	2,920.00
9.	_Sanitary Structure, Rem	6	Ea	275.00	1,650.00	575.00	3,450.00	600.00	3,600.00
10.	Curb and Gutter, Rem	4,698	Ft	6.00	28,188.00	9.00	42,282.00	4.00	18,792.00
11.	Sidewalk, Rem	2,421	Syd	9.00	21,789.00	9.00	21,789.00	8.00	19,368.00
12.	_Station Grading	25	Sta	1,800.00	45,180.00	2,700.00	67,770.00	2,700.00	67,770.00
13.	_Subgrade Undercutting, Type II, Modified	240	Cyd	40.00	9,600.00	39.00	9,360.00	20.00	4,800.00
14.	Erosion Control, Silt Fence	1,450	Ft	2.00	2,900.00	2.00	2,900.00	2.00	2,900.00
15.	_Erosion Control, Inlet Filter	20	Ea	190.00	3,800.00	100.00	2,000.00	150.00	3,000.00
16.	_Aggregate Surface, Cse 2 inch	32	Syd	15.00	480.00	13.00	416.00	5.00	160.00
17.	_Aggregate Base, 6 Inch, Modified	9,693	Syd	11.00	106,623.00	9.00	87,237.00	9.00	87,237.00
18.	_Aggregate Base, 10 inch, Modified	471	Syd	16.00	7,536.00	13.00	6,123.00	15.00	7,065.00
19.	Maintenance Gravel	200	Ton	29.00	5,800.00	29.00	5,800.00	20.00	4,000.00
20.	Sewer, Cl IV, 12 inch, Tr Det B	224	Ft	60.00	13,440.00	60.00	13,440.00	47.00	10,528.00
21.	Sewer, Cl IV, 15 inch, Tr Det B	185	Ft	66.00	12,210.00	64.00	11,840.00	54.00	9,990.00
22.	Sewer, Cl IV, 18 inch, Tr Det B	46	Ft	72.00	3,312.00	69.00	3,174.00	67.00	3,082.00
23.	Sewer, Cl IV, 24 inch, Tr Det A	25	Ft	78.00	1,950.00	75.00	1,875.00	70.00	1,750.00
24.	Sewer, Cl IV, 24 inch, Tr Det B	519	Ft	80.00	41,520.00	90.00	46,710.00	90.00	46,710.00
25.	Sewer Tap, 6 inch	5	Ea	2,000.00	10,000.00	375.00	1,875.00	500.00	2,500.00
26.	_Sanitary Sewer, DI, 8 Inch, Tr Det B	108	Ft	75.00	8,100.00	133.00	14,364.00	150.00	16,200.00
27.	_Sanitary Sewer, PVC Truss, 10 Inch, Tr Det B	1,129	Ft	85.00	95,965.00	100.00	112,900.00	165.00	186,285.00



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DiPonio Contracting
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Aielli Construction
 47850 Van Dyke Ave
 Shelby Twp., MI 48317

F.D.M Contracting, Inc.
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 Shelby Twp., MI 48317

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
28.	_Sanitary Manhole Cover	6	Ea	850.00	5,100.00	650.00	3,900.00	600.00	3,600.00
29.	_Sanitary Manhole, 24 inch dia	1	Ea	600.00	600.00	2,500.00	2,500.00	2,000.00	2,000.00
30.	_Sanitary Manhole, 48 inch dia	5	Ea	2,400.00	12,000.00	3,000.00	15,000.00	2,800.00	14,000.00
31.	_Sanitary Sewer Lead, Locate and Verify	1	LS	5,000.00	5,000.00	750.00	750.00	1,000.00	1,000.00
32.	_Sanitary Sewer Lead, 6 inch, Sch 40, Tr Det B	1,700	Ft	75.00	127,500.00	69.00	117,300.00	80.00	136,000.00
33.	Dr Structure, 48 inch dia	11	Ea	1,700.00	18,700.00	2,750.00	30,250.00	2,300.00	25,300.00
34.	Dr Structure, 60 inch dia	4	Ea	2,700.00	10,800.00	4,000.00	16,000.00	3,300.00	13,200.00
35.	Dr Structure, 72 inch dia	1	Ea	3,000.00	3,000.00	5,500.00	5,500.00	5,200.00	5,200.00
36.	_Dr Structure, 48 Inch dia, Modified	7	Ea	1,680.00	11,760.00	3,000.00	21,000.00	2,800.00	19,600.00
37.	_Dr Structure Cover, Catch Basin	4	Ea	800.00	3,200.00	600.00	2,400.00	700.00	2,800.00
38.	Dr Structure Cover, Catch Basin, Special	6	Ea	800.00	4,800.00	700.00	4,200.00	700.00	4,200.00
39.	_Dr Structure Cover, Catch Basin, Modified	7	Ea	800.00	5,600.00	750.00	5,250.00	700.00	4,900.00
40.	_Dr Structure Cover, Manhole	6	Ea	800.00	4,800.00	775.00	4,650.00	600.00	3,600.00
41.	_External Structure Wrap, 18 Inch	6	Ea	500.00	3,000.00	600.00	3,600.00	900.00	5,400.00
42.	Underdrain, Subgrade, Open-Graded, 6 inch	5,280	Ft	11.00	58,080.00	15.00	79,200.00	16.00	84,480.00
43.	Pavt for Butt Joints, Rem	33	Syd	25.00	825.00	95.00	3,135.00	23.00	759.00
44.	_HMA, 5E1, 4 inch	12	Ton	150.00	1,800.00	259.70	3,116.40	200.00	2,400.00
45.	HMA, 5E1	977	Ton	102.03	99,683.31	123.00	120,171.00	95.00	92,815.00
46.	HMA, 4E1	1,484	Ton	75.02	111,329.68	106.00	157,304.00	89.00	132,076.00
47.	HMA, 3C	1,412	Ton	90.02	127,108.24	89.00	125,668.00	89.00	125,668.00
48.	HMA Approach	51	Ton	140.00	7,140.00	164.50	8,389.50	175.00	8,925.00
49.	_Cold Milling HMA Surface, Modified	8,169	Syd	2.50	20,422.50	2.00	16,338.00	6.00	49,014.00
50.	Conc Pavt, Misc, Nonreinf, 8 inch	76	Syd	48.50	3,686.00	51.00	3,876.00	50.00	3,800.00
51.	Driveway, Nonreinf Conc, 6 inch	1,045	Syd	40.50	42,322.50	43.00	44,935.00	42.00	43,890.00
52.	Driveway, Nonreinf Conc, 8 inch	206	Syd	48.50	9,991.00	51.00	10,506.00	50.00	10,300.00
53.	_Driveway, Rem	1,145	Syd	10.00	11,450.00	9.00	10,305.00	9.00	10,305.00
54.	Curb and Gutter, Conc, Det F4, Modified	4,405	Ft	17.00	74,885.00	18.00	79,290.00	18.00	79,290.00

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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55.	Driveway Opening, Conc, Det M	283	Ft	19.00	5,377.00	20.00	5,660.00	20.00	5,660.00
56.	_Curb and Gutter, Conc,Det F2	83	Ft	20.00	1,660.00	22.00	1,826.00	21.00	1,743.00
57.	_Pervious Conc, 4 inch	202	Sft	16.00	3,232.00	17.00	3,434.00	17.00	3,434.00
58.	_Pervious Conc, 6 inch	179	Sft	18.00	3,222.00	19.00	3,401.00	19.00	3,401.00
59.	Sidewalk Ramp, Conc, 4 inch	324	Sft	6.00	1,944.00	7.00	2,268.00	6.50	2,106.00
60.	Sidewalk Ramp, Conc, 6 inch	465	Sft	6.75	3,138.75	8.00	3,720.00	7.00	3,255.00
61.	Sidewalk, Conc, 4 inch	18,033	Sft	3.75	67,623.75	4.00	72,132.00	4.00	72,132.00
62.	Sidewalk, Conc, 6 inch	2,743	Sft	5.00	13,715.00	6.00	16,458.00	5.50	15,086.50
63.	_Detectable Warning Surface, Modified	59	Ft	60.00	3,540.00	64.00	3,776.00	65.00	3,835.00
64.	_Sidewalk, Conc, 4 Inch, Modified	184	Sft	7.50	1,380.00	8.00	1,472.00	8.00	1,472.00
65.	Guardrail, Type B	136	Ft	20.00	2,720.00	33.00	4,488.00	50.00	6,800.00
66.	Guardrail Post, Furn and Install, 72 inch	10	Ea	250.00	2,500.00	300.00	3,000.00	250.00	2,500.00
67.	_Vinyl Fence, 6 Foot	54	Ft	40.00	2,160.00	60.00	3,240.00	25.00	1,350.00
68.	Sign, Type III, Erect, Salv	21	Ea	75.00	1,575.00	80.00	1,680.00	60.00	1,260.00
69.	Sign, Type III, Rem	21	Ea	10.00	210.00	11.00	231.00	18.00	378.00
70.	Pavt Mrkg, Polyurea, 4 inch, White	2,088	Ft	0.85	1,774.80	0.93	1,941.84	* 1.00	2,088.00
71.	Pavt Mrkg, Polyurea, 4 inch, Yellow	5,617	Ft	0.85	4,774.45	0.93	5,223.81	1.00	5,617.00
72.	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	111	Ft	2.95	327.45	3.22	357.42	3.50	388.50
73.	Recessing Pavt Mrkg, Longit	7,705	Ft	0.58	4,468.90	0.64	4,931.20	0.65	5,008.25
74.	Recessing Pavt Mrkg, Transv	111	Sft	2.95	327.45	3.22	357.42	3.50	388.50
75.	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	13	Ea	80.00	1,040.00	101.00	1,313.00	100.00	1,300.00
76.	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	13	Ea	0.01	0.13	1.00	13.00	1.00	13.00
77.	Lighted Arrow, Type C, Furn	2	Ea	550.00	1,100.00	795.00	1,590.00	550.00	1,100.00
78.	Lighted Arrow, Type C, Oper	2	Ea	0.01	0.02	1.00	2.00	1.00	2.00
79.	Plastic Drum, High Intensity, Furn	55	Ea	24.00	1,320.00	30.00	1,650.00	40.00	2,200.00
80.	Plastic Drum, High Intensity, Oper	55	Ea	0.01	0.55	1.00	55.00	1.00	55.00
81.	Sign, Type A, Temp, Prismatic, Furn	16	Sft	6.00	96.00	10.00	160.00	12.00	192.00
82.	Sign, Type A, Temp, Prismatic, Oper	16	Sft	0.01	0.16	1.00	16.00	1.00	16.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
83.	Sign, Type B, Temp, Prismatic, Furn	520.5	Sft	6.00	3,123.00	7.00	3,643.50	6.00	3,123.00
84.	Sign, Type B, Temp, Prismatic, Oper	520.5	Sft	0.01	5.21	1.00	520.50	1.00	520.50
85.	Sign, Type B, Temp, Prismatic, Special, Furn	218	Sft	10.00	2,180.00	15.00	3,270.00	14.00	3,052.00
86.	Sign, Type B, Temp, Prismatic, Special, Oper	218	Sft	0.01	2.18	1.00	218.00	1.00	218.00
87.	Traf Regulator Control	1	LS	10,000.00	10,000.00	5,000.00	5,000.00	60,000.00	60,000.00
88.	_Pedestrian Type II Barricade, Temp	8	Ea	200.00	1,600.00	266.00	2,128.00	200.00	1,600.00
89.	_2, Acer Rubrum - Red Maple	2	Ea	400.00	800.00	1,050.00	2,100.00	450.00	900.00
90.	_2, Celtis Occidentlis - Hackberry	2	Ea	400.00	800.00	1,050.00	2,100.00	450.00	900.00
91.	_2, Acer Freemanii - Autumn Blaze Maple	2	Ea	400.00	800.00	1,050.00	2,100.00	450.00	900.00
92.	_2, Quercus Rubra - Red Oak	2	Ea	400.00	800.00	1,050.00	2,100.00	450.00	900.00
93.	_2, Acer Buergerianum - Trident Maple	2	Ea	425.00	850.00	1,050.00	2,100.00	450.00	900.00
94.	Mulch Blanket, High Velocity	34	Syd	5.00	170.00	1.50	51.00	10.00	340.00
95.	_Surface Restoration, Sodding	6,800	Syd	7.59	51,612.00	5.00	34,000.00	8.00	54,400.00
96.	_Radar Speed Feedback Sign Relocation	1	LS	1,500.00	1,500.00	5,000.00	5,000.00	4,000.00	4,000.00
97.	Gate Valve, 8 inch	1	Ea	1,200.00	1,200.00	2,000.00	2,000.00	2,800.00	2,800.00
98.	Gate Valve, 12 inch	4	Ea	2,100.00	8,400.00	2,775.00	11,100.00	3,500.00	14,000.00
99.	Gate Well, Rem	5	Ea	300.00	1,500.00	600.00	3,000.00	500.00	2,500.00
100.	Hydrant, Rem	4	Ea	600.00	2,400.00	600.00	2,400.00	500.00	2,000.00
101.	Water Main, DI, 8 inch, Tr Det F	48	Ft	65.00	3,120.00	90.00	4,320.00	80.00	3,840.00
102.	Water Main, DI, 8 inch, Tr Det G	112	Ft	110.00	12,320.00	120.00	13,440.00	95.00	10,640.00
103.	Water Main, DI, 12 inch, Tr Det F	1,360	Ft	85.00	115,600.00	115.00	156,400.00	100.00	136,000.00
104.	Water Main, DI, 12 inch, Tr Det G	942	Ft	95.00	89,490.00	129.00	121,518.00	112.00	105,504.00
105.	Water Serv	24	Ea	1,100.00	26,400.00	1,000.00	24,000.00	750.00	18,000.00
106.	Water Serv, Long	28	Ea	2,000.00	56,000.00	2,000.00	56,000.00	1,700.00	47,600.00
107.	Gate Well, 60 inch dia	5	Ea	2,000.00	10,000.00	3,000.00	15,000.00	1,000.00	5,000.00
108.	_Water Main, HDPE, DR 11, 14 Inch, Directional Drill	285	Ft	180.00	51,300.00	233.00	66,405.00	180.00	51,300.00
109.	_Gate Well Cover	5	Ea	850.00	4,250.00	550.00	2,750.00	500.00	2,500.00

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110.	_Water Main Connection, 4 Inch	1	Ea	2,500.00	2,500.00	2,000.00	2,000.00	3,000.00	3,000.00
111.	_Water Main Connection, 8 Inch	2	Ea	3,500.00	7,000.00	3,600.00	7,200.00	4,000.00	8,000.00
112.	_Water Main Connection, 12 Inch	1	Ea	4,500.00	4,500.00	5,000.00	5,000.00	5,000.00	5,000.00
113.	_Fire Hydrant Assembly	10	Ea	5,700.00	57,000.00	5,000.00	50,000.00	4,800.00	48,000.00
114.	_Water Main, Abandon	1	LS	5,000.00	5,000.00	7,500.00	7,500.00	5,000.00	5,000.00
115.	_Temporary Water Service	1	LS	500.00	500.00	7,500.00	7,500.00	7,500.00	7,500.00
116.	_Rubbish Pick Up	1	LS	7,000.00	7,000.00	1,500.00	1,500.00	3,000.00	3,000.00
117.	Crew Days		Days	600.00	60,000.00	600.00	48,000.00	600.00	54,000.00
Total of All "A" Base Bid Prices					2,025,631.03		2,259,814.59 *		2,309,697.25 *
B. Alternate Bid: Accelerated Work Schedule									
1.	_Audio-Visual Record of Construction Site	1	LS	1,200.00	1,200.00	5,000.00	5,000.00	2,500.00	2,500.00
2.	Mobilization, Max 3%	1	LS	45,000.00	45,000.00	62,500.00	62,500.00	65,000.00	65,000.00
3.	Tree, Rem, 6 inch to 18 inch	10	Ea	330.00	3,300.00	375.00	3,750.00	350.00	3,500.00
4.	Tree, Rem, 19 inch to 36 inch	4	Ea	825.00	3,300.00	1,050.00	4,200.00	1,200.00	4,800.00
5.	Stump, Rem, 6 inch to 18 inch	5	Ea	110.00	550.00	123.00	615.00	500.00	2,500.00
6.	Dr Structure, Rem	17	Ea	330.00	5,610.00	360.00	6,120.00	500.00	8,500.00
7.	Sewer, Rem, Less than 24 inch	2,000	Ft	22.00	44,000.00	7.00	14,000.00	16.00	32,000.00
8.	Sewer, Rem, 24 inch to 48 inch	146	Ft	33.00	4,818.00	55.00	8,030.00	22.00	3,212.00
9.	_Sanitary Structure, Rem	6	Ea	302.50	1,815.00	575.00	3,450.00	600.00	3,600.00
10.	Curb and Gutter, Rem	4,698	Ft	7.00	32,886.00	9.00	42,282.00	4.50	21,141.00
11.	Sidewalk, Rem	2,421	Syd	10.00	24,210.00	9.00	21,789.00	8.00	19,368.00
12.	_Station Grading	25.1	Sta	1,980.00	49,698.00	2,700.00	67,770.00	3,000.00	75,300.00
13.	_Subgrade Undercutting, Type II, Modified	240	Cyd	44.00	10,560.00	39.00	9,360.00	25.00	6,000.00
14.	Erosion Control, Silt Fence	1,450	Ft	3.00	4,350.00	2.00	2,900.00	2.00	2,900.00
15.	_Erosion Control, Inlet Filter	20	Ea	209.00	4,180.00	100.00	2,000.00	150.00	3,000.00
16.	_Aggregate Surface, Cse 2 inch	32	Syd	17.00	544.00	13.00	416.00	5.00	160.00
17.	_Aggregate Base, 6 Inch, Modified	9,693	Syd	13.00	126,009.00	9.00	87,237.00	9.00	87,237.00
18.	_Aggregate Base, 10 inch, Modified	471	Syd	18.00	8,478.00	13.00	6,123.00	15.00	7,065.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
19.	Maintenance Gravel	200	Ton	32.00	6,400.00	29.00	5,800.00	20.00	4,000.00
20.	Sewer, CI IV, 12 inch, Tr Det B	224	Ft	66.00	14,784.00	60.00	13,440.00	48.00	10,752.00
21.	Sewer, CI IV, 15 inch, Tr Det B	185	Ft	73.00	13,505.00	64.00	11,840.00	55.00	10,175.00
22.	Sewer, CI IV, 18 inch, Tr Det B	46	Ft	79.00	3,634.00	69.00	3,174.00	68.00	3,128.00
23.	Sewer, CI IV, 24 inch, Tr Det A	25	Ft	86.00	2,150.00	75.00	1,875.00	70.00	1,750.00
24.	Sewer, CI IV, 24 inch, Tr Det B	519	Ft	88.00	45,672.00	90.00	46,710.00	90.00	46,710.00
25.	Sewer Tap, 6 inch	5	Ea	2,200.00	11,000.00	375.00	1,875.00	500.00	2,500.00
26.	_Sanitary Sewer, DI, 8 Inch, Tr Det B	108	Ft	83.00	8,964.00	133.00	14,364.00	150.00	16,200.00
27.	_Sanitary Sewer, PVC Truss, 10 Inch, Tr Det B	1,129	Ft	90.00	101,610.00	100.00	112,900.00	180.00	203,220.00
28.	_Sanitary Manhole Cover	6	Ea	935.00	5,610.00	650.00	3,900.00	600.00	3,600.00
29.	_Sanitary Manhole, 24 inch dia	1	Ea	660.00	660.00	2,500.00	2,500.00	2,000.00	2,000.00
30.	_Sanitary Manhole, 48 inch dia	5	Ea	2,640.00	13,200.00	3,000.00	15,000.00	2,800.00	14,000.00
31.	_Sanitary Sewer Lead, Locate and Verify	1	LS	5,500.00	5,500.00	750.00	750.00	1,000.00	1,000.00
32.	_Sanitary Sewer Lead, 6 inch, Sch 40, Tr Det B	1,700	Ft	75.00	127,500.00	69.00	117,300.00	80.00	136,000.00
33.	Dr Structure, 48 inch dia	11	Ea	1,870.00	20,570.00	2,750.00	30,250.00	2,300.00	25,300.00
34.	Dr Structure, 60 inch dia	4	Ea	2,970.00	11,880.00	4,000.00	16,000.00	3,300.00	13,200.00
35.	Dr Structure, 72 inch dia	1	Ea	3,300.00	3,300.00	5,500.00	5,500.00	5,200.00	5,200.00
36.	_Dr Structure, 48 Inch dia, Modified	7	Ea	1,848.00	12,936.00	3,000.00	21,000.00	2,800.00	19,600.00
37.	_Dr Structure Cover, Catch Basin	4	Ea	880.00	3,520.00	600.00	2,400.00	700.00	2,800.00
38.	Dr Structure Cover, Catch Basin, Special	6	Ea	880.00	5,280.00	700.00	4,200.00	700.00	4,200.00
39.	_Dr Structure Cover, Catch Basin, Modified	7	Ea	880.00	6,160.00	750.00	5,250.00	700.00	4,900.00
40.	_Dr Structure Cover, Manhole	6	Ea	880.00	5,280.00	775.00	4,650.00	700.00	4,200.00
41.	_External Structure Wrap, 18 Inch	6	Ea	550.00	3,300.00	600.00	3,600.00	700.00	4,200.00
42.	Underdrain, Subgrade, Open-Graded, 6 inch	5,280	Ft	13.00	68,640.00	15.00	79,200.00	17.00	89,760.00
43.	Pavt for Butt Joints, Rem	33	Syd	28.00	924.00	95.00	3,135.00	23.00	759.00
44.	_HMA, 5E1, 4 inch	12	Ton	165.00	1,980.00	259.70	3,116.40	200.00	2,400.00
45.	HMA, 5E1	977	Ton	115.00	112,355.00	123.00	120,171.00	100.00	97,700.00
46.	HMA, 4E1	1,484	Ton	83.00	123,172.00	106.00	157,304.00	92.00	136,528.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

DiPonio Contracting
 51173 Simone Industrial Dr
 Shelby Twp., MI 48316

Aielli Construction
 47850 Van Dyke Ave
 Shelby Twp., MI 48317

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

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
47.	HMA, 3C	1,412	Ton	99.00	139,788.00	89.00	125,668.00	92.00	129,904.00
48.	HMA Approach	51	Ton	154.00	7,854.00	164.50	8,389.50	175.00	8,925.00
49.	_ Cold Milling HMA Surface, Modified	8,169	Syd	3.00	24,507.00	2.00	16,338.00	6.00	49,014.00
50.	Conc Pavt, Misc, Nonreinf, 8 inch	76	Syd	54.00	4,104.00	51.00	3,876.00	55.00	4,180.00
51.	Driveway, Nonreinf Conc, 6 inch	1,045	Syd	45.00	47,025.00	43.00	44,935.00	47.00	49,115.00
52.	Driveway, Nonreinf Conc, 8 inch	206	Syd	54.00	11,124.00	51.00	10,506.00	55.00	11,330.00
53.	_ Driveway, Rem	1,145	Syd	11.00	12,595.00	9.00	10,305.00	9.00	10,305.00
54.	Curb and Gutter, Conc, Det F4, Modified	4,405	Ft	18.50	81,492.50	18.00	79,290.00	20.00	88,100.00
55.	Driveway Opening, Conc, Det M	283	Ft	25.00	7,075.00	20.00	5,660.00	26.00	7,358.00
56.	_ Curb and Gutter, Conc, Det F2	83	Ft	25.00	2,075.00	22.00	1,826.00	26.00	2,158.00
57.	_ Pervious Conc, 4 inch	202	Sft	18.00	3,636.00	17.00	3,434.00	20.00	4,040.00
58.	_ Pervious Conc, 6 inch	179	Sft	20.00	3,580.00	19.00	3,401.00	22.00	3,938.00
59.	Sidewalk Ramp, Conc, 4 inch	324	Sft	7.00	2,268.00	7.00	2,268.00	8.00	2,592.00
60.	Sidewalk Ramp, Conc, 6 inch	465	Sft	8.00	3,720.00	8.00	3,720.00	9.00	4,185.00
61.	Sidewalk, Conc, 4 inch	18,033	Sft	4.25	76,640.25	4.00	72,132.00	4.75	85,656.75
62.	Sidewalk, Conc, 6 inch	2,743	Sft	5.25	14,400.75	6.00	16,458.00	5.50	15,086.50
63.	_ Detectable Warning Surface, Modified	59	Ft	65.00	3,835.00	64.00	3,776.00	70.00	4,130.00
64.	_ Sidewalk, Conc, 4 Inch, Modified	184	Sft	8.50	1,564.00	8.00	1,472.00	9.00	1,656.00
65.	Guardrail, Type B	136	Ft	22.00	2,992.00	33.00	4,488.00	50.00	6,800.00
66.	Guardrail Post, Furn and Install, 72 inch	10	Ea	275.00	2,750.00	300.00	3,000.00	250.00	2,500.00
67.	_ Vinyl Fence, 6 Foot	54	Ft	44.00	2,376.00	60.00	3,240.00	25.00	1,350.00
68.	Sign, Type III, Erect, Salv	21	Ea	82.50	1,732.50	80.00	1,680.00	60.00	1,260.00
69.	Sign, Type III, Rem	21	Ea	11.00	231.00	11.00	231.00	18.00	378.00
70.	Pavt Mrkg, Polyurea, 4 inch, White	2,088	Ft	1.00	2,088.00	0.93	1,941.84	* 1.00	2,088.00
71.	Pavt Mrkg, Polyurea, 4 inch, Yellow	5,617	Ft	1.00	5,617.00	0.93	5,223.81	1.00	5,617.00
72.	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	111	Ft	3.25	360.75	* 3.22	357.42	3.50	388.50
73.	Recessing Pavt Mrkg, Longit	7,705	Ft	1.00	7,705.00	0.64	4,931.20	0.65	5,008.25
74.	Recessing Pavt Mrkg, Transv	111	Sft	3.25	360.75	3.22	357.42	3.50	388.50
75.	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	13	Ea	88.00	1,144.00	101.00	1,313.00	100.00	1,300.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

DiPonio Contracting
 51173 Simone Industrial Dr
 Shelby Twp., MI 48316

Aielli Construction
 47850 Van Dyke Ave
 Shelby Twp., MI 48317

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

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
76.	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	13	Ea	0.01	0.13	1.00	13.00	1.00	13.00
77.	Lighted Arrow, Type C, Furn	2	Ea	605.00	1,210.00	795.00	1,590.00	550.00	1,100.00
78.	Lighted Arrow, Type C, Oper	2	Ea	0.10	0.20	1.00	2.00	1.00	2.00
79.	Plastic Drum, High Intensity, Furn	55	Ea	27.00	1,485.00	30.00	1,650.00	40.00	2,200.00
80.	Plastic Drum, High Intensity, Oper	55	Ea	0.01	0.55	1.00	55.00	1.00	55.00
81.	Sign, Type A, Temp, Prismatic, Furn	16	Sft	7.00	112.00	10.00	160.00	12.00	192.00
82.	Sign, Type A, Temp, Prismatic, Oper	16	Sft	0.01	0.16	1.00	16.00	1.00	16.00
83.	Sign, Type B, Temp, Prismatic, Furn	520.5	Sft	7.00	3,643.50	7.00	3,643.50	6.00	3,123.00
84.	Sign, Type B, Temp, Prismatic, Oper	520.5	Sft	0.01	5.21	1.00	520.50	1.00	520.50
85.	Sign, Type B, Temp, Prismatic, Special, Furn	218	Sft	11.00	2,398.00	15.00	3,270.00	14.00	3,052.00
86.	Sign, Type B, Temp, Prismatic, Special, Oper	218	Sft	0.01	2.18	1.00	218.00	1.00	218.00
87.	Traf Regulator Control	1	LS	11,000.00	11,000.00	5,000.00	5,000.00	60,000.00	60,000.00
88.	_Pedestrian Type II Barricade, Temp	8	Ea	220.00	1,760.00	266.00	2,128.00	200.00	1,600.00
89.	_2, Acer Rubrum - Red Maple	2	Ea	440.00	880.00	1,050.00	2,100.00	450.00	900.00
90.	_2, Celtis Occidentlis - Hackberry	2	Ea	440.00	880.00	1,050.00	2,100.00	450.00	900.00
91.	_2, Acer Freemanii - Autumn Blaze Maple	2	Ea	440.00	880.00	1,050.00	2,100.00	450.00	900.00
92.	_2, Quercus Rubra - Red Oak	2	Ea	440.00	880.00	1,050.00	2,100.00	450.00	900.00
93.	_2, Acer Buergerianum - Trident Maple	2	Ea	467.50	935.00	1,050.00	2,100.00	450.00	900.00
94.	Mulch Blanket, High Velocity	34	Syd	5.50	187.00	1.50	51.00	10.00	340.00
95.	_Surface Restoration, Sodding	6,800	Syd	8.35	56,780.00	5.00	34,000.00	8.00	54,400.00
96.	_Radar Speed Feedback Sign Relocation	1	LS	1,650.00	1,650.00	5,000.00	5,000.00	4,000.00	4,000.00
97.	Gate Valve, 8 inch	1	Ea	1,320.00	1,320.00	2,000.00	2,000.00	2,800.00	2,800.00
98.	Gate Valve, 12 inch	4	Ea	2,310.00	9,240.00	2,775.00	11,100.00	3,500.00	14,000.00
99.	Gate Well, Rem	5	Ea	330.00	1,650.00	600.00	3,000.00	500.00	2,500.00
100.	Hydrant, Rem	4	Ea	660.00	2,640.00	600.00	2,400.00	500.00	2,000.00
101.	Water Main, DI, 8 inch, Tr Det F	48	Ft	72.00	3,456.00	90.00	4,320.00	85.00	4,080.00
102.	Water Main, DI, 8 inch, Tr Det G	112	Ft	121.00	13,552.00	120.00	13,440.00	100.00	11,200.00
103.	Water Main, DI, 12 inch, Tr Det F	1,360	Ft	99.00	134,640.00	115.00	156,400.00	105.00	142,800.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

DiPonio Contracting
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 Shelby Twp., MI 48316

Aielli Construction
 47850 Van Dyke Ave
 Shelby Twp., MI 48317

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

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
104.	Water Main, DI, 12 inch, Tr Det G	942	Ft	110.00	103,620.00	129.00	121,518.00	117.00	110,214.00
105.	Water Serv	24	Ea	1,210.00	29,040.00	1,000.00	24,000.00	750.00	18,000.00
106.	Water Serv, Long	28	Ea	2,200.00	61,600.00	2,000.00	56,000.00	1,700.00	47,600.00
107.	Gate Well, 60 inch dia	5	Ea	2,200.00	11,000.00	3,000.00	15,000.00	1,000.00	5,000.00
108.	_Water Main, HDPE, DR 11, 14 Inch, Directional Drill	285	Ft	198.00	56,430.00	233.00	66,405.00	180.00	51,300.00
109.	_Gate Well Cover	5	Ea	935.00	4,675.00	550.00	2,750.00	500.00	2,500.00
110.	_Water Main Connection, 4 Inch	1	Ea	2,750.00	2,750.00	2,000.00	2,000.00	3,000.00	3,000.00
111.	_Water Main Connection, 8 Inch	2	Ea	3,850.00	7,700.00	3,600.00	7,200.00	4,000.00	8,000.00
112.	_Water Main Connection, 12 Inch	1	Ea	4,950.00	4,950.00	5,000.00	5,000.00	5,000.00	5,000.00
113.	_Fire Hydrant Assembly	10	Ea	6,270.00	62,700.00	5,000.00	50,000.00	4,800.00	48,000.00
114.	_Water Main, Abandon	1	LS	5,500.00	5,500.00	7,500.00	7,500.00	5,000.00	5,000.00
115.	_Temporary Water Service	1	LS	550.00	550.00	7,500.00	7,500.00	7,500.00	7,500.00
116.	_Rubbish Pick Up	1	LS	7,700.00	7,700.00	1,500.00	1,500.00	3,000.00	3,000.00
117.	Crew Days			600.00	60,000.00	600.00	60,000.00	600.00	45,000.00
Total of All "B" Alternate Bid Prices:					2,254,036.43 *	2,281,814.59 *	2,396,142.00 *		

*** CORRECTED BY ENGINEER**



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

Pamar Enterprises
 58021 Gratiot Ave
 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
A. Base Bid: Work Schedule									
1.	_Audio-Visual Record of Construction Site	1	LS	2,000.00	2,000.00	1,500.00	1,500.00	1,000.00	1,000.00
2.	Mobilization, Max 3%	1	LS	69,000.00	69,000.00	72,000.00	72,000.00	70,000.00	70,000.00
3.	Tree, Rem, 6 inch to 18 inch	10	Ea	250.00	2,500.00	250.00	2,500.00	260.00	2,600.00
4.	Tree, Rem, 19 inch to 36 inch	4	Ea	975.00	3,900.00	975.00	3,900.00	1,000.00	4,000.00
5.	Stump, Rem, 6 inch to 18 inch	5	Ea	75.00	375.00	75.00	375.00	80.00	400.00
6.	Dr Structure, Rem	17	Ea	400.00	6,800.00	390.00	6,630.00	600.00	10,200.00
7.	Sewer, Rem, Less than 24 inch	2,000	Ft	7.50	15,000.00	14.00	28,000.00	17.00	34,000.00
8.	Sewer, Rem, 24 inch to 48 inch	146	Ft	22.00	3,212.00	36.00	5,256.00	34.00	4,964.00
9.	_Sanitary Structure, Rem	6	Ea	500.00	3,000.00	460.00	2,760.00	800.00	4,800.00
10.	Curb and Gutter, Rem	4,698	Ft	5.00	23,490.00	6.25	29,362.50	9.00	42,282.00
11.	Sidewalk, Rem	2,421	Syd	5.00	12,105.00	8.25	19,973.25	* 14.00	33,894.00
12.	_Station Grading	25	Sta	4,400.00	110,440.00	6,000.00	150,600.00	4,200.00	105,420.00
13.	_Subgrade Undercutting, Type II, Modified	240	Cyd	65.00	15,600.00	50.00	12,000.00	55.00	13,200.00
14.	Erosion Control, Silt Fence	1,450	Ft	3.00	4,350.00	2.25	3,262.50	* 3.00	4,350.00
15.	_Erosion Control, Inlet Filter	20	Ea	100.00	2,000.00	110.00	2,200.00	100.00	2,000.00
16.	_Aggregate Surface, Cse 2 inch	32	Syd	10.00	320.00	14.50	464.00	9.00	288.00
17.	_Aggregate Base, 6 Inch, Modified	9,693	Syd	12.00	116,316.00	8.75	84,813.75	12.00	116,316.00
18.	_Aggregate Base, 10 inch, Modified	471	Syd	16.00	7,536.00	15.75	7,418.25	19.00	8,949.00
19.	Maintenance Gravel	200	Ton	12.00	2,400.00	25.00	5,000.00	37.00	7,400.00
20.	Sewer, Cl IV, 12 inch, Tr Det B	224	Ft	120.00	26,880.00	67.50	15,120.00	55.00	12,320.00
21.	Sewer, Cl IV, 15 inch, Tr Det B	185	Ft	125.00	23,125.00	77.00	14,245.00	60.00	11,100.00
22.	Sewer, Cl IV, 18 inch, Tr Det B	46	Ft	130.00	5,980.00	92.00	4,232.00	72.00	3,312.00
23.	Sewer, Cl IV, 24 inch, Tr Det A	25	Ft	135.00	3,375.00	75.00	1,875.00	75.00	1,875.00
24.	Sewer, Cl IV, 24 inch, Tr Det B	519	Ft	165.00	85,635.00	87.00	45,153.00	110.00	57,090.00
25.	Sewer Tap, 6 inch	5	Ea	1,800.00	9,000.00	840.00	4,200.00	600.00	3,000.00
26.	_Sanitary Sewer, DI, 8 Inch, Tr Det B	108	Ft	145.00	15,660.00	83.50	9,018.00	100.00	10,800.00
27.	_Sanitary Sewer, PVC Truss, 10 Inch, Tr Det B	1,129	Ft	200.00	225,800.00	110.00	124,190.00	140.00	158,060.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

Pamar Enterprises
 58021 Gratiot Ave
 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
28.	_Sanitary Manhole Cover	6	Ea	450.00	2,700.00	500.00	3,000.00	700.00	4,200.00
29.	_Sanitary Manhole, 24 inch dia	1	Ea	1,750.00	1,750.00	1,975.00	1,975.00	2,200.00	2,200.00
30.	_Sanitary Manhole, 48 inch dia	5	Ea	2,850.00	14,250.00	2,815.00	14,075.00	4,000.00	20,000.00
31.	_Sanitary Sewer Lead, Locate and Verify	1	LS	1,200.00	1,200.00	34,000.00	34,000.00	2,000.00	2,000.00
32.	_Sanitary Sewer Lead, 6 inch, Sch 40, Tr Det B	1,700	Ft	90.00	153,000.00	67.50	114,750.00	40.00	68,000.00
33.	Dr Structure, 48 inch dia	11	Ea	2,000.00	22,000.00	2,150.00	23,650.00	2,800.00	30,800.00
34.	Dr Structure, 60 inch dia	4	Ea	3,000.00	12,000.00	2,450.00	9,800.00	3,700.00	14,800.00
35.	Dr Structure, 72 inch dia	1	Ea	4,000.00	4,000.00	3,425.00	3,425.00	5,000.00	5,000.00
36.	_Dr Structure, 48 Inch dia, Modified	7	Ea	2,500.00	17,500.00	2,350.00	16,450.00	3,000.00	21,000.00
37.	_Dr Structure Cover, Catch Basin	4	Ea	650.00	2,600.00	525.00	2,100.00	600.00	2,400.00
38.	Dr Structure Cover, Catch Basin, Special	6	Ea	400.00	2,400.00	535.00	3,210.00	600.00	3,600.00
39.	_Dr Structure Cover, Catch Basin, Modified	7	Ea	400.00	2,800.00	480.00	3,360.00	600.00	4,200.00
40.	_Dr Structure Cover, Manhole	6	Ea	400.00	2,400.00	480.00	2,880.00	600.00	3,600.00
41.	_External Structure Wrap, 18 Inch	6	Ea	400.00	2,400.00	550.00	3,300.00	300.00	1,800.00
42.	Underdrain, Subgrade, Open-Graded, 6 inch	5,280	Ft	9.00	47,520.00	12.50	66,000.00	16.00	84,480.00
43.	Pavt for Butt Joints, Rem	33	Syd	20.00	660.00	25.00	825.00	26.00	858.00
44.	_HMA, 5E1, 4 inch	12	Ton	150.00	1,800.00	150.00	1,800.00	155.00	1,860.00
45.	HMA, 5E1	977	Ton	82.00	80,114.00	102.00	99,654.00	103.00	100,631.00
46.	HMA, 4E1	1,484	Ton	71.00	105,364.00	90.00	133,560.00	91.00	135,044.00
47.	HMA, 3C	1,412	Ton	63.00	88,956.00	75.00	105,900.00	76.00	107,312.00
48.	HMA Approach	51	Ton	150.00	7,650.00	140.00	7,140.00	142.00	7,242.00
49.	_Cold Milling HMA Surface, Modified	8,169	Syd	3.00	24,507.00	4.50	36,760.50	7.00	57,183.00
50.	Conc Pavt, Misc, Nonreinf, 8 inch	76	Syd	48.50	3,686.00	70.00	5,320.00	49.00	3,724.00
51.	Driveway, Nonreinf Conc, 6 inch	1,045	Syd	40.50	42,322.50	50.00	52,250.00	41.00	42,845.00
52.	Driveway, Nonreinf Conc, 8 inch	206	Syd	48.50	9,991.00	60.00	12,360.00	49.00	10,094.00
53.	_Driveway, Rem	1,145	Syd	6.00	6,870.00	8.50	9,732.50	14.00	16,030.00
54.	Curb and Gutter, Conc, Det F4, Modified	4,405	Ft	17.00	74,885.00	17.50	77,087.50	17.20	75,766.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

Pamar Enterprises
 58021 Gratiot Ave
 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55.	Driveway Opening, Conc, Det M	283	Ft	19.00	5,377.00	21.00	5,943.00	19.20	5,433.60
56.	_Curb and Gutter, Conc,Det F2	83	Ft	20.00	1,660.00	30.00	2,490.00	20.20	1,676.60
57.	_Pervious Conc, 4 inch	202	Sft	16.00	3,232.00	18.00	3,636.00	16.20	3,272.40
58.	_Pervious Conc, 6 inch	179	Sft	18.00	3,222.00	20.00	3,580.00	18.20	3,257.80
59.	Sidewalk Ramp, Conc, 4 inch	324	Sft	6.00	1,944.00	6.00	1,944.00	6.10	1,976.40
60.	Sidewalk Ramp, Conc, 6 inch	465	Sft	6.75	3,138.75	6.75	3,138.75	6.85	3,185.25
61.	Sidewalk, Conc, 4 inch	18,033	Sft	3.75	67,623.75	4.00	72,132.00	3.80	68,525.40
62.	Sidewalk, Conc, 6 inch	2,743	Sft	5.00	13,715.00	4.90	13,440.70	5.05	13,852.15
63.	_Detectable Warning Surface, Modified	59	Ft	60.00	3,540.00	40.00	2,360.00	61.00	3,599.00
64.	_Sidewalk, Conc, 4 Inch, Modified	184	Sft	7.50	1,380.00	7.00	1,288.00	7.60	1,398.40
65.	Guardrail, Type B	136	Ft	32.00	4,352.00	29.50	4,012.00	20.00	2,720.00
66.	Guardrail Post, Furn and Install, 72 inch	10	Ea	200.00	2,000.00	90.00	900.00	240.00	2,400.00
67.	_Vinyl Fence, 6 Foot	54	Ft	60.00	3,240.00	55.02	2,971.08	35.00	1,890.00
68.	Sign, Type III, Erect, Salv	21	Ea	50.00	1,050.00	50.00	1,050.00	80.00	1,680.00
69.	Sign, Type III, Rem	21	Ea	15.00	315.00	15.00	315.00	11.00	231.00
70.	Pavt Mrkg, Polyurea, 4 inch, White	2,088	Ft	0.85	1,774.80	0.85	1,774.80	0.86	1,795.68
71.	Pavt Mrkg, Polyurea, 4 inch, Yellow	5,617	Ft	0.85	4,774.45	0.85	4,774.45	0.86	4,830.62
72.	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	111	Ft	2.95	327.45	2.95	327.45	3.00	333.00
73.	Recessing Pavt Mrkg, Longit	7,705	Ft	0.58	4,468.90	0.68	5,239.40	0.59	4,545.95
74.	Recessing Pavt Mrkg, Transv	111	Sft	2.95	327.45	3.05	338.55	3.00	333.00
75.	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	13	Ea	90.00	1,170.00	90.00	1,170.00	95.00	1,235.00
76.	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	13	Ea	0.01	0.13	0.01	0.13	1.00	13.00
77.	Lighted Arrow, Type C, Furn	2	Ea	500.00	1,000.00	500.00	1,000.00	760.00	1,520.00
78.	Lighted Arrow, Type C, Oper	2	Ea	0.01	0.02	0.01	0.02	1.00	2.00
79.	Plastic Drum, High Intensity, Furn	55	Ea	25.00	1,375.00	25.00	1,375.00	27.00	1,485.00
80.	Plastic Drum, High Intensity, Oper	55	Ea	0.01	0.55	0.01	0.55	1.00	55.00
81.	Sign, Type A, Temp, Prismatic, Furn	16	Sft	8.00	128.00	8.00	128.00	9.00	144.00
82.	Sign, Type A, Temp, Prismatic, Oper	16	Sft	0.01	0.16	0.01	0.16	1.00	16.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

Pamar Enterprises
 58021 Gratiot Ave
 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
83.	Sign, Type B, Temp, Prismatic, Furn	520.5	Sft	6.00	3,123.00	6.00	3,123.00	6.00	3,123.00
84.	Sign, Type B, Temp, Prismatic, Oper	520.5	Sft	0.01	5.21	0.01	5.21	0.10	52.05
85.	Sign, Type B, Temp, Prismatic, Special, Furn	218	Sft	12.00	2,616.00	12.00	2,616.00	14.00	3,052.00
86.	Sign, Type B, Temp, Prismatic, Special, Oper	218	Sft	0.01	2.18	0.01	2.18	0.10	21.80
87.	Traf Regulator Control	1	LS	40,000.00	40,000.00	75,000.00	75,000.00	375,000.00	375,000.00
88.	_Pedestrian Type II Barricade, Temp	8	Ea	175.00	1,400.00	175.00	1,400.00	260.00	2,080.00
89.	_2, Acer Rubrum - Red Maple	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
90.	_2, Celtis Occidentlis - Hackberry	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
91.	_2, Acer Freemanii - Autumn Blaze Maple	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
92.	_2, Quercus Rubra - Red Oak	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
93.	_2, Acer Buergerianum - Trident Maple	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
94.	Mulch Blanket, High Velocity	34	Syd	5.50	187.00	6.00	204.00	9.00	306.00
95.	_Surface Restoration, Sodding	6,800	Syd	6.00	40,800.00	8.40	57,120.00	6.00	40,800.00
96.	_Radar Speed Feedback Sign Relocation	1	LS	3,000.00	3,000.00	2,500.00	2,500.00	600.00	600.00
97.	Gate Valve, 8 inch	1	Ea	1,150.00	1,150.00	1,800.00	1,800.00	2,200.00	2,200.00
98.	Gate Valve, 12 inch	4	Ea	2,000.00	8,000.00	2,775.00	11,100.00	3,000.00	12,000.00
99.	Gate Well, Rem	5	Ea	350.00	1,750.00	600.00	3,000.00	700.00	3,500.00
100.	Hydrant, Rem	4	Ea	350.00	1,400.00	585.00	2,340.00	600.00	2,400.00
101.	Water Main, DI, 8 inch, Tr Det F	48	Ft	85.00	4,080.00	75.00	3,600.00	65.00	3,120.00
102.	Water Main, DI, 8 inch, Tr Det G	112	Ft	135.00	15,120.00	88.00	9,856.00	95.00	10,640.00
103.	Water Main, DI, 12 inch, Tr Det F	1,360	Ft	125.00	170,000.00	80.00	108,800.00	80.00	108,800.00
104.	Water Main, DI, 12 inch, Tr Det G	942	Ft	145.00	136,590.00	106.75	100,558.50	125.00	117,750.00
105.	Water Serv	24	Ea	900.00	21,600.00	1,335.00	32,040.00	1,400.00	33,600.00
106.	Water Serv, Long	28	Ea	1,800.00	50,400.00	1,600.00	44,800.00	2,000.00	56,000.00
107.	Gate Well, 60 inch dia	5	Ea	2,500.00	12,500.00	1,740.00	8,700.00	3,000.00	15,000.00
108.	_Water Main, HDPE, DR 11, 14 Inch, Directional Drill	285	Ft	180.00	51,300.00	230.00	65,550.00	160.00	45,600.00
109.	_Gate Well Cover	5	Ea	400.00	2,000.00	455.00	2,275.00	600.00	3,000.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

Pamar Enterprises
 58021 Gratiot Ave
 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
110.	_Water Main Connection, 4 Inch	1	Ea	750.00	750.00	2,200.00	2,200.00	2,700.00	2,700.00
111.	_Water Main Connection, 8 Inch	2	Ea	1,250.00	2,500.00	3,750.00	7,500.00	3,300.00	6,600.00
112.	_Water Main Connection, 12 Inch	1	Ea	2,500.00	2,500.00	4,500.00	4,500.00	4,000.00	4,000.00
113.	_Fire Hydrant Assembly	10	Ea	4,250.00	42,500.00	4,300.00	43,000.00	3,900.00	39,000.00
114.	_Water Main, Abandon	1	LS	2,000.00	2,000.00	11,500.00	11,500.00	2,000.00	2,000.00
115.	_Temporary Water Service	1	LS	1,000.00	1,000.00	105,500.00	105,500.00	3,000.00	3,000.00
116.	_Rubbish Pick Up	1	LS	350.00	350.00	5,400.00	5,400.00	1,000.00	1,000.00
117.	Crew Days		Days	600.00	52,800.00	600.00	69,000.00	600.00	58,200.00
Total of All "A" Base Bid Prices					2,338,184.30		2,427,231.68 *		2,640,840.10
B. Alternate Bid: Accelerated Work Schedule									
1.	_Audio-Visual Record of Construction Site	1	LS	2,000.00	2,000.00	2,000.00	2,000.00	1,000.00	1,000.00
2.	Mobilization, Max 3%	1	LS	76,000.00	76,000.00	75,000.00	75,000.00	70,000.00	70,000.00
3.	Tree, Rem, 6 inch to 18 inch	10	Ea	250.00	2,500.00	250.00	2,500.00	260.00	2,600.00
4.	Tree, Rem, 19 inch to 36 inch	4	Ea	975.00	3,900.00	975.00	3,900.00	1,000.00	4,000.00
5.	Stump, Rem, 6 inch to 18 inch	5	Ea	75.00	375.00	75.00	375.00	80.00	400.00
6.	Dr Structure, Rem	17	Ea	400.00	6,800.00	425.00	7,225.00	625.00	10,625.00
7.	Sewer, Rem, Less than 24 inch	2,000	Ft	7.50	15,000.00	15.00	30,000.00	18.00	36,000.00
8.	Sewer, Rem, 24 inch to 48 inch	146	Ft	22.00	3,212.00	39.00	5,694.00	36.00	5,256.00
9.	_Sanitary Structure, Rem	6	Ea	500.00	3,000.00	495.00	2,970.00	850.00	5,100.00
10.	Curb and Gutter, Rem	4,698	Ft	5.00	23,490.00	7.00	32,886.00	10.00	46,980.00
11.	Sidewalk, Rem	2,421	Syd	5.00	12,105.00	9.00	21,789.00	* 15.00	36,315.00
12.	_Station Grading	25.1	Sta	7,300.00	183,230.00	4,850.00	121,735.00	4,500.00	112,950.00
13.	_Subgrade Undercutting, Type II, Modified	240	Cyd	65.00	15,600.00	55.00	13,200.00	60.00	14,400.00
14.	Erosion Control, Silt Fence	1,450	Ft	3.00	4,350.00	3.00	4,350.00	* 3.00	4,350.00
15.	_Erosion Control, Inlet Filter	20	Ea	100.00	2,000.00	120.00	2,400.00	100.00	2,000.00
16.	_Aggregate Surface, Cse 2 inch	32	Syd	10.00	320.00	15.00	480.00	10.00	320.00
17.	_Aggregate Base, 6 Inch, Modified	9,693	Syd	12.00	116,316.00	10.00	96,930.00	13.00	126,009.00
18.	_Aggregate Base, 10 inch, Modified	471	Syd	16.00	7,536.00	17.00	8,007.00	21.00	9,891.00



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City of Rochester
 Ludlow Avenue Paving
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Pamar Enterprises
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 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
19.	Maintenance Gravel	200	Ton	12.00	2,400.00	30.00	6,000.00	38.00	7,600.00
20.	Sewer, CI IV, 12 inch, Tr Det B	224	Ft	130.00	29,120.00	72.00	16,128.00	60.00	13,440.00
21.	Sewer, CI IV, 15 inch, Tr Det B	185	Ft	135.00	24,975.00	82.00	15,170.00	65.00	12,025.00
22.	Sewer, CI IV, 18 inch, Tr Det B	46	Ft	140.00	6,440.00	100.00	4,600.00	77.00	3,542.00
23.	Sewer, CI IV, 24 inch, Tr Det A	25	Ft	145.00	3,625.00	80.00	2,000.00	80.00	2,000.00
24.	Sewer, CI IV, 24 inch, Tr Det B	519	Ft	175.00	90,825.00	83.00	43,077.00	115.00	59,685.00
25.	Sewer Tap, 6 inch	5	Ea	1,800.00	9,000.00	900.00	4,500.00	700.00	3,500.00
26.	_Sanitary Sewer, DI, 8 Inch, Tr Det B	108	Ft	155.00	16,740.00	90.00	9,720.00	105.00	11,340.00
27.	_Sanitary Sewer, PVC Truss, 10 Inch, Tr Det B	1,129	Ft	210.00	237,090.00	120.00	135,480.00	145.00	163,705.00
28.	_Sanitary Manhole Cover	6	Ea	450.00	2,700.00	550.00	3,300.00	700.00	4,200.00
29.	_Sanitary Manhole, 24 inch dia	1	Ea	1,750.00	1,750.00	2,100.00	2,100.00	2,400.00	2,400.00
30.	_Sanitary Manhole, 48 inch dia	5	Ea	2,850.00	14,250.00	3,000.00	15,000.00	4,200.00	21,000.00
31.	_Sanitary Sewer Lead, Locate and Verify	1	LS	1,200.00	1,200.00	55,000.00	55,000.00	2,200.00	2,200.00
32.	_Sanitary Sewer Lead, 6 inch, Sch 40, Tr Det B	1,700	Ft	95.00	161,500.00	72.00	122,400.00	41.00	69,700.00
33.	Dr Structure, 48 inch dia	11	Ea	2,000.00	22,000.00	2,300.00	25,300.00	3,000.00	33,000.00
34.	Dr Structure, 60 inch dia	4	Ea	3,000.00	12,000.00	2,600.00	10,400.00	4,000.00	16,000.00
35.	Dr Structure, 72 inch dia	1	Ea	4,000.00	4,000.00	3,700.00	3,700.00	5,500.00	5,500.00
36.	_Dr Structure, 48 Inch dia, Modified	7	Ea	2,500.00	17,500.00	2,500.00	17,500.00	3,300.00	23,100.00
37.	_Dr Structure Cover, Catch Basin	4	Ea	650.00	2,600.00	550.00	2,200.00	600.00	2,400.00
38.	Dr Structure Cover, Catch Basin, Special	6	Ea	400.00	2,400.00	550.00	3,300.00	600.00	3,600.00
39.	_Dr Structure Cover, Catch Basin, Modified	7	Ea	400.00	2,800.00	505.00	3,535.00	600.00	4,200.00
40.	_Dr Structure Cover, Manhole	6	Ea	400.00	2,400.00	505.00	3,030.00	600.00	3,600.00
41.	_External Structure Wrap, 18 Inch	6	Ea	400.00	2,400.00	585.00	3,510.00	300.00	1,800.00
42.	Underdrain, Subgrade, Open-Graded, 6 inch	5,280	Ft	9.00	47,520.00	14.00	73,920.00	18.00	95,040.00
43.	Pavt for Butt Joints, Rem	33	Syd	20.00	660.00	25.00	825.00	26.00	858.00
44.	_HMA, 5E1, 4 inch	12	Ton	150.00	1,800.00	150.00	1,800.00	155.00	1,860.00
45.	HMA, 5E1	977	Ton	82.00	80,114.00	102.00	99,654.00	103.00	100,631.00
46.	HMA, 4E1	1,484	Ton	71.00	105,364.00	90.00	133,560.00	91.00	135,044.00



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 26300 Sherwood Ave
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V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
47.	HMA, 3C	1,412	Ton	63.00	88,956.00	75.00	105,900.00	76.00	107,312.00
48.	HMA Approach	51	Ton	150.00	7,650.00	140.00	7,140.00	142.00	7,242.00
49.	_Cold Milling HMA Surface, Modified	8,169	Syd	4.00	32,676.00	5.00	40,845.00	7.00	57,183.00
50.	Conc Pavt, Misc, Nonreinf, 8 inch	76	Syd	53.50	4,066.00	77.00	5,852.00	54.00	4,104.00
51.	Driveway, Nonreinf Conc, 6 inch	1,045	Syd	45.00	47,025.00	54.00	56,430.00	45.50	47,547.50
52.	Driveway, Nonreinf Conc, 8 inch	206	Syd	53.50	11,021.00	67.00	13,802.00	54.00	11,124.00
53.	_Driveway, Rem	1,145	Syd	6.00	6,870.00	10.00	11,450.00	15.00	17,175.00
54.	Curb and Gutter, Conc, Det F4, Modified	4,405	Ft	18.50	81,492.50	18.00	79,290.00	18.70	82,373.50
55.	Driveway Opening, Conc, Det M	283	Ft	25.00	7,075.00	23.00	6,509.00	25.20	7,131.60
56.	_Curb and Gutter, Conc, Det F2	83	Ft	25.00	2,075.00	35.00	2,905.00	25.50	2,116.50
57.	_Pervious Conc, 4 inch	202	Sft	18.00	3,636.00	20.00	4,040.00	18.20	3,676.40
58.	_Pervious Conc, 6 inch	179	Sft	20.00	3,580.00	21.00	3,759.00	20.20	3,615.80
59.	Sidewalk Ramp, Conc, 4 inch	324	Sft	7.00	2,268.00	7.00	2,268.00	7.10	2,300.40
60.	Sidewalk Ramp, Conc, 6 inch	465	Sft	7.75	3,603.75	8.00	3,720.00	7.85	3,650.25
61.	Sidewalk, Conc, 4 inch	18,033	Sft	4.25	76,640.25	4.00	72,132.00	4.30	77,541.90
62.	Sidewalk, Conc, 6 inch	2,743	Sft	5.25	14,400.75	5.00	13,715.00	5.30	14,537.90
63.	_Detectable Warning Surface, Modified	59	Ft	65.00	3,835.00	39.00	2,301.00	66.00	3,894.00
64.	_Sidewalk, Conc, 4 Inch, Modified	184	Sft	8.50	1,564.00	8.00	1,472.00	8.60	1,582.40
65.	Guardrail, Type B	136	Ft	32.00	4,352.00	30.00	4,080.00	20.00	2,720.00
66.	Guardrail Post, Furn and Install, 72 inch	10	Ea	200.00	2,000.00	90.00	900.00	240.00	2,400.00
67.	_Vinyl Fence, 6 Foot	54	Ft	60.00	3,240.00	70.00	3,780.00	35.00	1,890.00
68.	Sign, Type III, Erect, Salv	21	Ea	50.00	1,050.00	50.00	1,050.00	80.00	1,680.00
69.	Sign, Type III, Rem	21	Ea	15.00	315.00	15.00	315.00	11.00	231.00
70.	Pavt Mrkg, Polyurea, 4 inch, White	2,088	Ft	0.85	1,774.80	1.00	2,088.00	0.86	1,795.68
71.	Pavt Mrkg, Polyurea, 4 inch, Yellow	5,617	Ft	0.85	4,774.45	1.00	5,617.00	0.86	4,830.62
72.	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	111	Ft	2.95	327.45	3.00	333.00	3.00	333.00
73.	Recessing Pavt Mrkg, Longit	7,705	Ft	0.58	4,468.90	1.00	7,705.00	0.59	4,545.95
74.	Recessing Pavt Mrkg, Transv	111	Sft	2.95	327.45	3.00	333.00	3.00	333.00
75.	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	13	Ea	90.00	1,170.00	90.00	1,170.00	80.00	1,040.00



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 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
76.	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	13	Ea	0.01	0.13	0.01	0.13	1.00	13.00
77.	Lighted Arrow, Type C, Furn	2	Ea	500.00	1,000.00	500.00	1,000.00	560.00	1,120.00
78.	Lighted Arrow, Type C, Oper	2	Ea	0.01	0.02	0.01	0.02	1.00	2.00
79.	Plastic Drum, High Intensity, Furn	55	Ea	25.00	1,375.00	25.00	1,375.00	24.00	1,320.00
80.	Plastic Drum, High Intensity, Oper	55	Ea	0.01	0.55	0.01	0.55	1.00	55.00
81.	Sign, Type A, Temp, Prismatic, Furn	16	Sft	8.00	128.00	8.00	128.00	6.00	96.00
82.	Sign, Type A, Temp, Prismatic, Oper	16	Sft	0.01	0.16	0.01	0.16	1.00	16.00
83.	Sign, Type B, Temp, Prismatic, Furn	520.5	Sft	6.00	3,123.00	6.00	3,123.00	5.50	2,862.75
84.	Sign, Type B, Temp, Prismatic, Oper	520.5	Sft	0.01	5.21	0.01	5.21	0.10	52.05
85.	Sign, Type B, Temp, Prismatic, Special, Furn	218	Sft	12.00	2,616.00	12.00	2,616.00	10.00	2,180.00
86.	Sign, Type B, Temp, Prismatic, Special, Oper	218	Sft	0.01	2.18	0.01	2.18	0.10	21.80
87.	Traf Regulator Control	1	LS	92,500.00	92,500.00	77,000.00	77,000.00	385,000.00	385,000.00
88.	_Pedestrian Type II Barricade, Temp	8	Ea	175.00	1,400.00	175.00	1,400.00	210.00	1,680.00
89.	_2, Acer Rubrum - Red Maple	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
90.	_2, Celtis Occidentlis - Hackberry	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
91.	_2, Acer Freemanii - Autumn Blaze Maple	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
92.	_2, Quercus Rubra - Red Oak	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
93.	_2, Acer Buergerianum - Trident Maple	2	Ea	450.00	900.00	650.00	1,300.00	400.00	800.00
94.	Mulch Blanket, High Velocity	34	Syd	5.50	187.00	6.00	204.00	9.00	306.00
95.	_Surface Restoration, Sodding	6,800	Syd	6.00	40,800.00	9.00	61,200.00	6.50	44,200.00
96.	_Radar Speed Feedback Sign Relocation	1	LS	3,000.00	3,000.00	2,050.00	2,050.00	700.00	700.00
97.	Gate Valve, 8 inch	1	Ea	1,150.00	1,150.00	1,925.00	1,925.00	2,400.00	2,400.00
98.	Gate Valve, 12 inch	4	Ea	2,000.00	8,000.00	2,950.00	11,800.00	3,200.00	12,800.00
99.	Gate Well, Rem	5	Ea	350.00	1,750.00	640.00	3,200.00	750.00	3,750.00
100.	Hydrant, Rem	4	Ea	350.00	1,400.00	630.00	2,520.00	650.00	2,600.00
101.	Water Main, DI, 8 inch, Tr Det F	48	Ft	95.00	4,560.00	79.00	3,792.00	70.00	3,360.00
102.	Water Main, DI, 8 inch, Tr Det G	112	Ft	145.00	16,240.00	94.00	10,528.00	100.00	11,200.00
103.	Water Main, DI, 12 inch, Tr Det F	1,360	Ft	135.00	183,600.00	86.00	116,960.00	90.00	122,400.00



TABULATION OF BIDS

City of Rochester
 Ludlow Avenue Paving
 Sanitary Sewer and Water Main
 AEW PROJECT NO. 0270-0099

Pamar Enterprises
 58021 Gratiot Ave
 New Haven, MI 48048

Angelo Iafrate
 26300 Sherwood Ave
 Warren, MI 48091

V.I.L. Construction
 6670 Sims Dr
 Sterling Hts., MI 48313

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
104.	Water Main, DI, 12 inch, Tr Det G	942	Ft	155.00	146,010.00	115.00	108,330.00	135.00	127,170.00
105.	Water Serv	24	Ea	900.00	21,600.00	1,450.00	34,800.00	1,500.00	36,000.00
106.	Water Serv, Long	28	Ea	1,800.00	50,400.00	1,750.00	49,000.00	2,100.00	58,800.00
107.	Gate Well, 60 inch dia	5	Ea	2,500.00	12,500.00	1,850.00	9,250.00	3,200.00	16,000.00
108.	_Water Main, HDPE, DR 11, 14 Inch, Directional Drill	285	Ft	190.00	54,150.00	250.00	71,250.00	160.00	45,600.00
109.	_Gate Well Cover	5	Ea	400.00	2,000.00	480.00	2,400.00	600.00	3,000.00
110.	_Water Main Connection, 4 Inch	1	Ea	750.00	750.00	3,000.00	3,000.00	2,900.00	2,900.00
111.	_Water Main Connection, 8 Inch	2	Ea	1,250.00	2,500.00	4,000.00	8,000.00	3,500.00	7,000.00
112.	_Water Main Connection, 12 Inch	1	Ea	2,500.00	2,500.00	5,000.00	5,000.00	4,200.00	4,200.00
113.	_Fire Hydrant Assembly	10	Ea	4,250.00	42,500.00	5,000.00	50,000.00	4,200.00	42,000.00
114.	_Water Main, Abandon	1	LS	2,000.00	2,000.00	25,000.00	25,000.00	2,200.00	2,200.00
115.	_Temporary Water Service	1	LS	1,000.00	1,000.00	115,000.00	115,000.00	3,500.00	3,500.00
116.	_Rubbish Pick Up	1	LS	350.00	350.00	7,000.00	7,000.00	1,000.00	1,000.00
117.	Crew Days			600.00	45,000.00	600.00	69,000.00	600.00	58,200.00
Total of All "B" Alternate Bid Prices:					2,555,738.55		2,573,410.25 *		2,776,778.00

*** CORRECTED BY ENGINEER**