

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program - Contract 1

Road & Storm Sewer: Items 1-80  
Water Main: Items 100-131

Bid Submittal Contained Math Error

Engineer's Estimate

Crawford Contracting, Inc  
2502 S Meridian Rd  
Mt Pleasant, MI 48858

Kalin Construction Co., Inc.  
2663 Yore Avenue  
Sodus, MI 49126

ITEM #	DESCRIPTION	EST. QTY	UNIT	Engineer's Estimate		Crawford Contracting, Inc		Kalin Construction Co., Inc.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$85,500 (Road and Storm)	1	LSUM	\$ 85,500.00	\$ 85,500.00	\$ 85,500.00	\$ 85,500.00	\$ 42,415.00	\$ 42,415.00
2	Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 750.00	\$ 750.00
3	Dr Structure, Rem	35	Ea	\$ 350.00	\$ 12,250.00	\$ 350.00	\$ 12,250.00	\$ 379.00	\$ 13,265.00
4	Sewer, Rem, Less than 24 inch	2509	Ft	\$ 10.00	\$ 25,090.00	\$ 3.00	\$ 7,527.00	\$ 10.00	\$ 25,090.00
5	Sewer, Rem, 24 inch to 48 inch	32	Ft	\$ 20.00	\$ 640.00	\$ 30.00	\$ 960.00	\$ 28.00	\$ 896.00
6	Curb and Gutter, Rem	6345	Ft	\$ 7.00	\$ 44,415.00	\$ 4.50	\$ 28,552.50	\$ 4.00	\$ 25,380.00
7	Pavt, Rem	923	Syd	\$ 8.00	\$ 7,384.00	\$ 6.00	\$ 5,538.00	\$ 11.00	\$ 10,153.00
8	Sidewalk, Rem	577	Syd	\$ 8.00	\$ 4,616.00	\$ 5.00	\$ 2,885.00	\$ 9.00	\$ 5,193.00
9	Embankment, CIP	1,375	Cyd	\$ 12.00	\$ 16,500.00	\$ 8.00	\$ 11,000.00	\$ 4.00	\$ 5,500.00
10	Excavation, Earth	3910	Cyd	\$ 13.00	\$ 50,830.00	\$ 12.00	\$ 46,920.00	\$ 18.50	\$ 72,335.00
11	Subbase, CIP	223	Cyd	\$ 17.00	\$ 3,791.00	\$ 18.77	\$ 4,185.71	\$ 57.00	\$ 12,711.00
12	Subgrade Undercutting, Type II	400	Cyd	\$ 25.00	\$ 10,000.00	\$ 25.00	\$ 10,000.00	\$ 22.00	\$ 8,800.00
13	Erosion Control, Inlet Protection, Fabric Drop	32	Ea	\$ 100.00	\$ 3,200.00	\$ 80.00	\$ 2,560.00	\$ 98.00	\$ 3,136.00
14	Aggregate Base, 6 inch, Modified	1682	Syd	\$ 13.00	\$ 21,866.00	\$ 10.45	\$ 17,576.90	\$ 11.00	\$ 18,502.00
15	Aggregate Base, 8 inch, Modified	15507	Syd	\$ 14.00	\$ 217,098.00	\$ 13.15	\$ 203,917.05	\$ 13.00	\$ 201,591.00
16	Maintenance Gravel	200	Ton	\$ 25.00	\$ 5,000.00	\$ 30.00	\$ 6,000.00	\$ 28.00	\$ 5,600.00
17	Geotextile, Separator	17189	Syd	\$ 2.00	\$ 34,378.00	\$ 2.00	\$ 34,378.00	\$ 1.10	\$ 18,907.90
18	Sewer, SDR-26, 10 inch, Tr Det B, Modified	407	Ft	\$ 52.00	\$ 21,164.00	\$ 60.00	\$ 24,420.00	\$ 60.00	\$ 24,420.00
19	Sewer, SDR-26, 12 inch, Tr Det B, Modified	620	Ft	\$ 55.00	\$ 34,100.00	\$ 67.00	\$ 41,540.00	\$ 61.00	\$ 37,820.00
20	Sewer, SDR-26, 15 inch, Tr Det B, Modified	654	Ft	\$ 75.00	\$ 49,050.00	\$ 72.00	\$ 47,088.00	\$ 82.00	\$ 53,628.00
21	Sewer, SDR-26, 18 inch, Tr Det B, Modified	298	Ft	\$ 100.00	\$ 29,800.00	\$ 83.00	\$ 24,734.00	\$ 96.00	\$ 28,608.00
22	Sewer, SDR-26, 24 inch, Tr Det B, Modified	427	Ft	\$ 130.00	\$ 55,510.00	\$ 112.00	\$ 47,824.00	\$ 122.00	\$ 52,094.00
23	Sewer Bulkhead, 12 inch	5	Ea	\$ 200.00	\$ 1,000.00	\$ 100.00	\$ 500.00	\$ 490.00	\$ 2,450.00
24	Sewer Tap, 12 inch	1	Ea	\$ 300.00	\$ 300.00	\$ 400.00	\$ 400.00	\$ 270.00	\$ 270.00
25	Sewer Tap, 18 inch	1	Ea	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 270.00	\$ 270.00
26	Dr Structure, Temp Lowering	17	Ea	\$ 250.00	\$ 4,250.00	\$ 200.00	\$ 3,400.00	\$ 257.00	\$ 4,369.00
27	Dr Structure Cover, Adj, Case 1	19	Ea	\$ 475.00	\$ 9,025.00	\$ 450.00	\$ 8,550.00	\$ 579.00	\$ 11,001.00
28	Dr Structure, Tap, 12 inch	1	Ea	\$ 500.00	\$ 500.00	\$ 350.00	\$ 350.00	\$ 954.00	\$ 954.00
29	Dr Structure Collar, Modified	16	Ea	\$ 350.00	\$ 5,600.00	\$ 500.00	\$ 8,000.00	\$ 128.00	\$ 2,048.00
30	Dr Structure Cover, EJ 1040 w/ Vented Gasket Sealed Cover	14	Ea	\$ 700.00	\$ 9,800.00	\$ 700.00	\$ 9,800.00	\$ 721.00	\$ 10,094.00
31	Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	17	Ea	\$ 700.00	\$ 11,900.00	\$ 700.00	\$ 11,900.00	\$ 754.00	\$ 12,818.00
32	Dr Structure Cover, EJ 7000	23	Ea	\$ 700.00	\$ 16,100.00	\$ 750.00	\$ 17,250.00	\$ 940.00	\$ 21,620.00
33	Dr Structure 36 inch dia, Modified	22	Ea	\$ 1,500.00	\$ 33,000.00	\$ 1,500.00	\$ 33,000.00	\$ 1,608.00	\$ 35,376.00
34	Dr Structure 48 inch dia, Modified	12	Ea	\$ 2,000.00	\$ 24,000.00	\$ 2,000.00	\$ 24,000.00	\$ 2,049.00	\$ 24,588.00
35	Dr Structure 60 inch dia, Modified	2	Ea	\$ 3,500.00	\$ 7,000.00	\$ 3,000.00	\$ 6,000.00	\$ 2,876.00	\$ 5,752.00
36	Dr Structure 72 inch dia, Modified	1	Ea	\$ 5,500.00	\$ 5,500.00	\$ 3,500.00	\$ 3,500.00	\$ 4,885.00	\$ 4,885.00
37	HMA Surface, Rem	17331	Syd	\$ 3.00	\$ 51,993.00	\$ 2.00	\$ 34,662.00	\$ 3.00	\$ 51,993.00
38	Hand Patching	10	Ton	\$ 125.00	\$ 1,250.00	\$ 130.30	\$ 1,303.00	\$ 139.00	\$ 1,390.00
39	HMA, 3E3	3081	Ton	\$ 88.00	\$ 271,128.00	\$ 67.70	\$ 208,583.70	\$ 72.50	\$ 223,372.50
40	HMA, 4E3	824	Ton	\$ 88.00	\$ 72,512.00	\$ 85.90	\$ 70,781.60	\$ 92.00	\$ 75,808.00
41	HMA, 5E3	1403	Ton	\$ 88.00	\$ 123,464.00	\$ 92.80	\$ 130,198.40	\$ 99.00	\$ 138,897.00
42	HMA Approach	15	Ton	\$ 125.000	\$ 1,875.00	\$ 103.40	\$ 1,551.00	\$ 111.00	\$ 1,665.00
43	Cement	2	Ton	\$ 250.00	\$ 500.00	\$ 175.00	\$ 350.00	\$ 187.00	\$ 374.00
44	Saw Cutting	200	Ft	\$ 3.00	\$ 600.00	\$ 4.00	\$ 800.00	\$ 4.30	\$ 860.00
45	Driveway, Nonreinf Conc, 6 inch	1000	Syd	\$ 45.00	\$ 45,000.00	\$ 28.00	\$ 28,000.00	\$ 29.00	\$ 29,000.00
46	Driveway, Nonreinf Conc, 9 inch	250	Syd	\$ 55.00	\$ 13,750.00	\$ 41.00	\$ 10,250.00	\$ 43.00	\$ 10,750.00
47	Approach, CI II, LM	10	Cyd	\$ 50.00	\$ 500.00	\$ 50.00	\$ 500.00	\$ 75.00	\$ 750.00
48	Curb and Gutter, Conc, Det F4	5044	Ft	\$ 20.00	\$ 100,880.00	\$ 13.50	\$ 68,094.00	\$ 13.00	\$ 65,572.00

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DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 2)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

Engineer's Estimate

Crawford Contracting, Inc  
2502 S Meridian Rd  
Mt Pleasant, MI 48858

Kalin Construction Co., Inc.  
2663 Yore Avenue  
Sodus, MI 49126

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
49	Curb and Gutter, Conc, Det F4, Modified	1070	Ft	\$ 20.00	\$ 21,400.00	\$ 16.00	\$ 17,120.00	\$ 16.00	\$ 17,120.00
50	Driveway Opening, Conc, Det M	256	Ft	\$ 20.00	\$ 5,120.00	\$ 16.00	\$ 4,096.00	\$ 16.00	\$ 4,096.00
51	Detectable Warning Surface, Modified	181	Ft	\$ 75.00	\$ 13,575.00	\$ 68.00	\$ 12,308.00	\$ 73.00	\$ 13,213.00
52	Sidewalk Ramp, Conc, 7 inch	2812	Sft	\$ 5.00	\$ 14,060.00	\$ 5.15	\$ 14,481.80	\$ 5.35	\$ 15,044.20
53	Sidewalk, Conc, 4 inch	2018	Sft	\$ 4.50	\$ 9,081.00	\$ 3.15	\$ 6,356.70	\$ 3.20	\$ 6,457.60
54	Sidewalk, Conc, 6 inch	2362	Sft	\$ 5.00	\$ 11,810.00	\$ 3.35	\$ 7,912.70	\$ 3.40	\$ 8,030.80
55	Sidewalk, Conc, 9 inch	1100	Sft	\$ 6.50	\$ 7,150.00	\$ 4.15	\$ 4,565.00	\$ 4.30	\$ 4,730.00
56	Valve Box, Adj	5	Ea	\$ 200.00	\$ 1,000.00	\$ 250.00	\$ 1,250.00	\$ 112.00	\$ 560.00
57	Sanitary Serv Conflict	5	Ea	\$ 1,350.00	\$ 6,750.00	\$ 1,000.00	\$ 5,000.00	\$ 1,500.00	\$ 7,500.00
58	Abandoned Gas Main Conflict	10	Ea	\$ 500.00	\$ 5,000.00	\$ 200.00	\$ 2,000.00	\$ 600.00	\$ 6,000.00
59	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	21	Ea	\$ 100.00	\$ 2,100.00	\$ 90.00	\$ 1,890.00	\$ 96.00	\$ 2,016.00
60	Pedestrian Type II Barricade, Temp	25	Ea	\$ 150.00	\$ 3,750.00	\$ 100.00	\$ 2,500.00	\$ 118.00	\$ 2,950.00
61	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 300.00	\$ 600.00	\$ 350.00	\$ 700.00	\$ 402.00	\$ 804.00
62	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,198.00	\$ 5,198.00
63	Plastic Drum, High Intensity, Furn & Oper	80	Ea	\$ 20.00	\$ 1,600.00	\$ 16.50	\$ 1,320.00	\$ 18.00	\$ 1,440.00
64	Sign, Type B, Temp, Prismatic, Furn & Oper	550	Sft	\$ 5.00	\$ 2,750.00	\$ 3.45	\$ 1,897.50	\$ 4.00	\$ 2,200.00
65	Sign, Portable, Changeable Message, Furn & Oper	1	Ea	\$ 3,000.00	\$ 3,000.00	\$ 2,150.00	\$ 2,150.00	\$ 3,375.00	\$ 3,375.00
66	Turf Establishment, Performance	4566	Syd	\$ 6.00	\$ 27,396.00	\$ 4.75	\$ 21,688.50	\$ 8.00	\$ 36,528.00
67	Post, Steel, 3 lb	480	Ft	\$ 8.00	\$ 3,840.00	\$ 7.50	\$ 3,600.00	\$ 8.00	\$ 3,840.00
68	Sign, Type III. Erect, Salv	6	Ea	\$ 45.00	\$ 270.00	\$ 60.00	\$ 360.00	\$ 64.00	\$ 384.00
69	Sign, Type III, Rem	14	Ea	\$ 10.00	\$ 140.00	\$ 40.00	\$ 560.00	\$ 43.00	\$ 602.00
70	Sign, Type IIIB	150	Sft	\$ 15.00	\$ 2,250.00	\$ 17.25	\$ 2,587.50	\$ 18.00	\$ 2,700.00
71	Sign, Type V, Rem	1	Ea	\$ 36.00	\$ 36.00	\$ 45.00	\$ 45.00	\$ 48.00	\$ 48.00
72	Sign, Type VB	8	Sft	\$ 20.00	\$ 160.00	\$ 24.50	\$ 196.00	\$ 26.00	\$ 208.00
73	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	410	Ft	\$ 5.00	\$ 2,050.00	\$ 2.50	\$ 1,025.00	\$ 3.00	\$ 1,230.00
74	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	110	Ft	\$ 10.00	\$ 1,100.00	\$ 11.00	\$ 1,210.00	\$ 12.00	\$ 1,320.00
75	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	2	Ea	\$ 150.00	\$ 300.00	\$ 140.00	\$ 280.00	\$ 150.00	\$ 300.00
76	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	2	Ea	\$ 200.00	\$ 400.00	\$ 170.00	\$ 340.00	\$ 182.00	\$ 364.00
77	Pavt Mrkg, Waterborne, 4 inch, White	165	Ft	\$ 1.00	\$ 165.00	\$ 0.29	\$ 47.85	\$ 0.31	\$ 51.15
78	Pavt Mrkg, Waterborne, 4 inch, Yellow	4420	Ft	\$ 0.50	\$ 2,210.00	\$ 0.29	\$ 1,281.80	\$ 0.31	\$ 1,370.20
79	Post, Mailbox	18	Ea	\$ 100.00	\$ 1,800.00	\$ 100.00	\$ 1,800.00	\$ 106.00	\$ 1,908.00
80	Audio Visual Filming	1	LSUM	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ 4,149.00	\$ 4,149.00
<b>TOTAL BID ROAD AND STORM SEWER:</b>					\$ 1,708,972.00	\$ 1,486,649.21	\$ 1,559,458.35		

100	Mobilization, Max \$39,000 (Water Main)	1	LSUM	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 14,149.00	\$ 14,149.00
101	Testing and Chlorination of Water Main	1	LSUM	\$ 12,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,080.00	\$ 7,080.00
102	Connect to Ex. Water Main	15	Ea	\$ 3,000.00	\$ 45,000.00	\$ 3,500.00	\$ 52,500.00	\$ 2,667.00	\$ 40,005.00
103	Existing Valve with Valve Box Abandonment	23	Ea	\$ 200.00	\$ 4,600.00	\$ 250.00	\$ 5,750.00	\$ 1,318.00	\$ 30,314.00
104	Existing Hydrant Removal	8	Ea	\$ 300.00	\$ 2,400.00	\$ 400.00	\$ 3,200.00	\$ 1,318.00	\$ 10,544.00
105	Water Main, Abandon in Place	3328	Ft	\$ 5.00	\$ 16,640.00	\$ 4.50	\$ 14,976.00	\$ 6.00	\$ 19,968.00
106	Water Main, C909 PVC, 4 inch, TB Detail G, Modified	13	Ft	\$ 50.00	\$ 650.00	\$ 73.00	\$ 949.00	\$ 93.00	\$ 1,209.00
107	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	235	Ft	\$ 50.00	\$ 11,750.00	\$ 74.00	\$ 17,390.00	\$ 67.00	\$ 15,745.00
108	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	1008	Ft	\$ 50.00	\$ 50,400.00	\$ 76.00	\$ 76,608.00	\$ 62.00	\$ 62,496.00
109	Water Main, C900 PVC, 8 inch, Bore	1000	Ft	\$ 90.00	\$ 90,000.00	\$ 105.00	\$ 105,000.00	\$ 76.00	\$ 76,000.00
110	Water Main, C909 PVC, 12 inch, TB Detail G, Modified	2,494	Ft	\$ 60.00	\$ 149,640.00	\$ 80.00	\$ 199,520.00	\$ 72.00	\$ 179,568.00
111	Water Main, 4 inch, Cut and Plug, Modified	1	Ea	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,830.00	\$ 1,830.00
112	Water Main, 6 inch, Cut and Plug, Modified	16	Ea	\$ 700.00	\$ 11,200.00	\$ 500.00	\$ 8,000.00	\$ 1,885.00	\$ 30,160.00

**CITY OF OWOSSO BID TABULATION SHEET**

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 3)

**Road & Storm Sewer: Items 1-80**

**Water Main: Items 100-131**

**Bid Submittal Contained Math Error**

**Engineer's Estimate**

Crawford Contracting, Inc  
2502 S Meridian Rd  
Mt Pleasant, MI 48858

Kalin Construction Co., Inc.  
2663 Yore Avenue  
Sodus, MI 49126

ITEM #	DESCRIPTION	EST. QTY	UNIT	Engineer's Estimate		Crawford Contracting, Inc		Kalin Construction Co., Inc.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
113	Water Main, 8 inch, Cut and Plug, Modified	2	Ea	850	\$ 1,700.00	\$ 700.00	\$ 1,400.00	\$ 1,900.00	\$ 3,800.00
114	Water Main, 12 inch, Cut and Plug, Modified	2	Ea	\$ 1,000.00	\$ 2,000.00	\$ 800.00	\$ 1,600.00	\$ 2,022.00	\$ 4,044.00
115	Gate Valve and Box, 4 inch, Modified	1	Ea	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,528.00	\$ 1,528.00
116	Gate Valve and Box, 6 inch, Modified	3	Ea	\$ 1,250.00	\$ 3,750.00	\$ 1,200.00	\$ 3,600.00	\$ 1,353.00	\$ 4,059.00
117	Gate Valve and Box, 8 inch, Modified	11	Ea	\$ 2,500.00	\$ 27,500.00	\$ 1,500.00	\$ 16,500.00	\$ 1,777.00	\$ 19,547.00
118	Gate Valve and Box, 12 inch, Modified	6	Ea	\$ 1,600.00	\$ 9,600.00	\$ 2,500.00	\$ 15,000.00	\$ 2,746.00	\$ 16,476.00
119	Fire Hydrant and Valve Assembly	15	Ea	\$ 5,000.00	\$ 75,000.00	\$ 5,800.00	\$ 87,000.00	\$ 5,730.00	\$ 85,950.00
120	1 inch Copper Service Lead, Type "K", Modified	2588	Ft	\$ 40.00	\$ 103,520.00	\$ 30.00	\$ 77,640.00	\$ 37.00	\$ 95,756.00
121	Curb Box, Stop, 1 inch Corporation Stop Connection, Modified	61	Ea	\$ 750.00	\$ 45,750.00	\$ 1,100.00	\$ 67,100.00	\$ 967.00	\$ 58,987.00
122	Supply & Install Meter Pit, Complete	15	Ea	\$ 600.00	\$ 9,000.00	\$ 1,500.00	\$ 22,500.00	\$ 768.00	\$ 11,520.00
123	Water Meter Pit, Rem	15	Ea	\$ 300.00	\$ 4,500.00	\$ 300.00	\$ 4,500.00	\$ 427.00	\$ 6,405.00
124	2" Blow-Off and Copper Line to Surface	13	Ea	\$ 700.00	\$ 9,100.00	\$ 750.00	\$ 9,750.00	\$ 2,125.00	\$ 27,625.00
125	Sign, Type III, Rem	10	Ea	\$ 10.00	\$ 100.00	\$ 35.00	\$ 350.00	\$ 43.00	\$ 430.00
126	Sign, Type III, Erect, Salv	10	Ea	\$ 40.00	\$ 400.00	\$ 50.00	\$ 500.00	\$ 64.00	\$ 640.00
127	Post, Steel, 3 Pound	160	Ft	\$ 6.00	\$ 960.00	\$ 7.50	\$ 1,200.00	\$ 8.00	\$ 1,280.00
128	Sidewalk, Rem	320	Syd	\$ 8.00	\$ 2,560.00	\$ 6.00	\$ 1,920.00	\$ 8.00	\$ 2,560.00
129	Sidewalk, Conc, 4 inch	3500	Sft	\$ 4.50	\$ 15,750.00	\$ 3.15	\$ 11,025.00	\$ 3.20	\$ 11,200.00
130	Sidewalk, Conc, 6 inch	350	Sft	\$ 5.00	\$ 1,750.00	\$ 3.65	\$ 1,277.50	\$ 3.70	\$ 1,295.00
131	Turf Establishment, Performance	6050	Syd	\$ 5.00	\$ 30,250.00	\$ 4.75	\$ 28,737.50	\$ 8.00	\$ 48,400.00
<b>TOTAL BID WATER MAIN:</b>					\$ 779,470.00		\$ 885,993.00		\$ 890,570.00
<b>TOTAL BID:</b>					\$ 2,488,442.00		\$ 2,372,642.21		\$ 2,450,028.35

DEPT. \_\_\_\_\_  
HEAD: \_\_\_\_\_

**GENERAL LIABILITY INSURANCE**  
EXPIRATION DATE: \_\_\_\_\_

**AWARDED:** \_\_\_\_\_

PURCH. \_\_\_\_\_  
AGENT: \_\_\_\_\_

**WORKERS COMPENSATION INSURANCE**  
EXPIRATION DATE: \_\_\_\_\_

**COUNCIL**  
**APPROVED:** \_\_\_\_\_

STAFF \_\_\_\_\_  
REC.: \_\_\_\_\_

**SOLE PROPRIETORSHIP**  
EXPIRATION DATE: \_\_\_\_\_

**PO NUMBER:** \_\_\_\_\_

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Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

McGuirk Sand-Gravel Inc. P.O. Box 530 Mount Pleasant, MI 48804-0530	Champagne & Marx Excavating, Inc. 1445 Liberty Road Saginaw, MI 48604	Tri-City Ground Breakers, Inc. 4440 N Eastman Midland, MI 48642
---------------------------------------------------------------------------	-----------------------------------------------------------------------------	-----------------------------------------------------------------------

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$85,500 (Road and Storm)	1	LSUM	\$ 53,500.00	\$ 53,500.00	\$ 80,174.20	\$ 80,174.20	\$ 85,000.00	\$ 85,000.00
2	Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 1,005.00	\$ 1,005.00	\$ 1,284.01	\$ 1,284.01	\$ 525.00	\$ 525.00
3	Dr Structure, Rem	35	Ea	\$ 349.00	\$ 12,215.00	\$ 757.72	\$ 26,520.20	\$ 625.00	\$ 21,875.00
4	Sewer, Rem, Less than 24 inch	2509	Ft	\$ 4.70	\$ 11,792.30	\$ 26.44	\$ 66,337.96	\$ 25.00	\$ 62,725.00
5	Sewer, Rem, 24 inch to 48 inch	32	Ft	\$ 4.70	\$ 150.40	\$ 35.48	\$ 1,135.36	\$ 35.00	\$ 1,120.00
6	Curb and Gutter, Rem	6345	Ft	\$ 4.40	\$ 27,918.00	\$ 2.92	\$ 18,527.40	\$ 8.00	\$ 50,760.00
7	Pavt, Rem	923	Syd	\$ 11.50	\$ 10,614.50	\$ 4.32	\$ 3,987.36	\$ 12.00	\$ 11,076.00
8	Sidewalk, Rem	577	Syd	\$ 9.90	\$ 5,712.30	\$ 3.66	\$ 2,111.82	\$ 8.00	\$ 4,616.00
9	Embankment, CIP	1,375	Cyd	\$ 4.70	\$ 6,462.50	\$ 5.73	\$ 7,878.75	\$ 4.00	\$ 5,500.00
10	Excavation, Earth	3910	Cyd	\$ 17.50	\$ 68,425.00	\$ 10.24	\$ 40,038.40	\$ 8.00	\$ 31,280.00
11	Subbase, CIP	223	Cyd	\$ 29.00	\$ 6,467.00	\$ 29.19	\$ 6,509.37	\$ 45.00	\$ 10,035.00
12	Subgrade Undercutting, Type II	400	Cyd	\$ 29.00	\$ 11,600.00	\$ 42.68	\$ 17,072.00	\$ 45.00	\$ 18,000.00
13	Erosion Control, Inlet Protection, Fabric Drop	32	Ea	\$ 104.00	\$ 3,328.00	\$ 124.78	\$ 3,992.96	\$ 125.00	\$ 4,000.00
14	Aggregate Base, 6 inch, Modified	1682	Syd	\$ 10.50	\$ 17,661.00	\$ 8.55	\$ 14,381.10	\$ 15.00	\$ 25,230.00
15	Aggregate Base, 8 inch, Modified	15507	Syd	\$ 13.50	\$ 209,344.50	\$ 8.55	\$ 132,584.85	\$ 17.00	\$ 263,619.00
16	Maintenance Gravel	200	Ton	\$ 36.50	\$ 7,300.00	\$ 25.91	\$ 5,182.00	\$ 24.00	\$ 4,800.00
17	Geotextile, Separator	17189	Syd	\$ 1.20	\$ 20,626.80	\$ 0.86	\$ 14,782.54	\$ 1.50	\$ 25,783.50
18	Sewer, SDR-26, 10 inch, Tr Det B, Modified	407	Ft	\$ 84.00	\$ 34,188.00	\$ 48.85	\$ 19,881.95	\$ 130.00	\$ 52,910.00
19	Sewer, SDR-26, 12 inch, Tr Det B, Modified	620	Ft	\$ 79.00	\$ 48,980.00	\$ 49.46	\$ 30,665.20	\$ 100.00	\$ 62,000.00
20	Sewer, SDR-26, 15 inch, Tr Det B, Modified	654	Ft	\$ 70.50	\$ 46,107.00	\$ 54.87	\$ 35,884.98	\$ 75.00	\$ 49,050.00
21	Sewer, SDR-26, 18 inch, Tr Det B, Modified	298	Ft	\$ 80.00	\$ 23,840.00	\$ 58.14	\$ 17,325.72	\$ 85.00	\$ 25,330.00
22	Sewer, SDR-26, 24 inch, Tr Det B, Modified	427	Ft	\$ 118.00	\$ 50,386.00	\$ 78.84	\$ 33,664.68	\$ 160.00	\$ 68,320.00
23	Sewer Bulkhead, 12 inch	5	Ea	\$ 221.00	\$ 1,105.00	\$ 305.75	\$ 1,528.75	\$ 160.00	\$ 800.00
24	Sewer Tap, 12 inch	1	Ea	\$ 617.00	\$ 617.00	\$ 368.27	\$ 368.27	\$ 450.00	\$ 450.00
25	Sewer Tap, 18 inch	1	Ea	\$ 686.00	\$ 686.00	\$ 396.63	\$ 396.63	\$ 675.00	\$ 675.00
26	Dr Structure, Temp Lowering	17	Ea	\$ 140.00	\$ 2,380.00	\$ 307.86	\$ 5,233.62	\$ 225.00	\$ 3,825.00
27	Dr Structure Cover, Adj, Case 1	19	Ea	\$ 525.00	\$ 9,975.00	\$ 421.28	\$ 8,004.32	\$ 520.00	\$ 9,880.00
28	Dr Structure, Tap, 12 inch	1	Ea	\$ 1,085.00	\$ 1,085.00	\$ 307.86	\$ 307.86	\$ 450.00	\$ 450.00
29	Dr Structure Collar, Modified	16	Ea	\$ 1,075.00	\$ 17,200.00	\$ 1,375.27	\$ 22,004.32	\$ 800.00	\$ 12,800.00
30	Dr Structure Cover, EJ 1040 w/ Vented Gasket Sealed Cover	14	Ea	\$ 638.00	\$ 8,932.00	\$ 470.70	\$ 6,589.80	\$ 575.00	\$ 8,050.00
31	Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	17	Ea	\$ 605.00	\$ 10,285.00	\$ 504.72	\$ 8,580.24	\$ 600.00	\$ 10,200.00
32	Dr Structure Cover, EJ 7000	23	Ea	\$ 915.00	\$ 21,045.00	\$ 595.46	\$ 13,695.58	\$ 700.00	\$ 16,100.00
33	Dr Structure 36 inch dia, Modified	22	Ea	\$ 1,890.00	\$ 41,580.00	\$ 1,639.77	\$ 36,074.94	\$ 2,200.00	\$ 48,400.00
34	Dr Structure 48 inch dia, Modified	12	Ea	\$ 2,600.00	\$ 31,200.00	\$ 1,775.88	\$ 21,310.56	\$ 2,500.00	\$ 30,000.00
35	Dr Structure 60 inch dia, Modified	2	Ea	\$ 3,705.00	\$ 7,410.00	\$ 2,394.02	\$ 4,788.04	\$ 3,400.00	\$ 6,800.00
36	Dr Structure 72 inch dia, Modified	1	Ea	\$ 6,530.00	\$ 6,530.00	\$ 3,868.49	\$ 3,868.49	\$ 5,800.00	\$ 5,800.00
37	HMA Surface, Rem	17331	Syd	\$ 2.00	\$ 34,662.00	\$ 3.44	\$ 59,618.64	\$ 8.50	\$ 147,313.50
38	Hand Patching	10	Ton	\$ 131.00	\$ 1,310.00	\$ 139.42	\$ 1,394.20	\$ 130.00	\$ 1,300.00
39	HMA, 3E3	3081	Ton	\$ 72.50	\$ 223,372.50	\$ 72.44	\$ 223,187.64	\$ 68.00	\$ 209,508.00
40	HMA, 4E3	824	Ton	\$ 86.50	\$ 71,276.00	\$ 91.91	\$ 75,733.84	\$ 86.00	\$ 70,864.00
41	HMA, 5E3	1403	Ton	\$ 93.50	\$ 131,180.50	\$ 99.30	\$ 139,317.90	\$ 93.00	\$ 130,479.00
42	HMA Approach	15	Ton	\$ 104.00	\$ 1,560.00	\$ 110.64	\$ 1,659.60	\$ 105.00	\$ 1,575.00
43	Cement	2	Ton	\$ 201.00	\$ 402.00	\$ 187.25	\$ 374.50	\$ 175.00	\$ 350.00
44	Saw Cutting	200	Ft	\$ 3.50	\$ 700.00	\$ 2.14	\$ 428.00	\$ 3.50	\$ 700.00
45	Driveway, Nonreinf Conc, 6 inch	1000	Syd	\$ 44.50	\$ 44,500.00	\$ 28.89	\$ 28,890.00	\$ 28.50	\$ 28,500.00
46	Driveway, Nonreinf Conc, 9 inch	250	Syd	\$ 52.00	\$ 13,000.00	\$ 42.80	\$ 10,700.00	\$ 40.00	\$ 10,000.00
47	Approach, CI II, LM	10	Cyd	\$ 70.50	\$ 705.00	\$ 51.82	\$ 518.20	\$ 125.00	\$ 1,250.00
48	Curb and Gutter, Conc, Det F4	5044	Ft	\$ 15.00	\$ 75,660.00	\$ 13.38	\$ 67,488.72	\$ 13.00	\$ 65,572.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 5)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

McGuirk Sand-Gravel Inc. P.O. Box 530 Mount Pleasant, MI 48804-0530	Champagne & Marx Excavating, Inc. 1445 Liberty Road Saginaw, MI 48604	Tri-City Ground Breakers, Inc. 4440 N Eastman Midland, MI 48642
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ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
49	Curb and Gutter, Conc, Det F4, Modified	1070	Ft	\$ 20.00	\$ 21,400.00	\$ 16.05	\$ 17,173.50	\$ 17.00	\$ 18,190.00
50	Driveway Opening, Conc, Det M	256	Ft	\$ 19.50	\$ 4,992.00	\$ 16.05	\$ 4,108.80	\$ 17.00	\$ 4,352.00
51	Detectable Warning Surface, Modified	181	Ft	\$ 80.50	\$ 14,570.50	\$ 72.76	\$ 13,169.56	\$ 72.00	\$ 13,032.00
52	Sidewalk Ramp, Conc, 7 inch	2812	Sft	\$ 7.20	\$ 20,246.40	\$ 5.35	\$ 15,044.20	\$ 5.00	\$ 14,060.00
53	Sidewalk, Conc, 4 inch	2018	Sft	\$ 4.30	\$ 8,677.40	\$ 3.21	\$ 6,477.78	\$ 3.00	\$ 6,054.00
54	Sidewalk, Conc, 6 inch	2362	Sft	\$ 5.00	\$ 11,810.00	\$ 3.42	\$ 8,078.04	\$ 3.20	\$ 7,558.40
55	Sidewalk, Conc, 9 inch	1100	Sft	\$ 4.80	\$ 5,280.00	\$ 4.28	\$ 4,708.00	\$ 4.25	\$ 4,675.00
56	Valve Box, Adj	5	Ea	\$ 348.00	\$ 1,740.00	\$ 364.57	\$ 1,822.85	\$ 215.00	\$ 1,075.00
57	Sanitary Serv Conflict	5	Ea	\$ 1,570.00	\$ 7,850.00	\$ 2,142.08	\$ 10,710.40	\$ 3,900.00	\$ 19,500.00
58	Abandoned Gas Main Conflict	10	Ea	\$ 165.00	\$ 1,650.00	\$ 364.57	\$ 3,645.70	\$ 2,200.00	\$ 22,000.00
59	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	21	Ea	\$ 106.00	\$ 2,226.00	\$ 133.75	\$ 2,808.75	\$ 125.00	\$ 2,625.00
60	Pedestrian Type II Barricade, Temp	25	Ea	\$ 93.50	\$ 2,337.50	\$ 133.75	\$ 3,343.75	\$ 125.00	\$ 3,125.00
61	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 748.00	\$ 1,496.00	\$ 535.00	\$ 1,070.00	\$ 500.00	\$ 1,000.00
62	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 8,045.00	\$ 8,045.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
63	Plastic Drum, High Intensity, Furn & Oper	80	Ea	\$ 25.00	\$ 2,000.00	\$ 32.10	\$ 2,568.00	\$ 30.00	\$ 2,400.00
64	Sign, Type B, Temp, Prismatic, Furn & Oper	550	Sft	\$ 4.10	\$ 2,255.00	\$ 4.65	\$ 2,557.50	\$ 4.35	\$ 2,392.50
65	Sign, Portable, Changeable Message, Furn & Oper	1	Ea	\$ 1,995.00	\$ 1,995.00	\$ 3,343.78	\$ 3,343.78	\$ 3,125.00	\$ 3,125.00
66	Turf Establishment, Performance	4566	Syd	\$ 6.30	\$ 28,765.80	\$ 3.51	\$ 16,026.66	\$ 4.00	\$ 18,264.00
67	Post, Steel, 3 lb	480	Ft	\$ 9.10	\$ 4,368.00	\$ 7.49	\$ 3,595.20	\$ 7.00	\$ 3,360.00
68	Sign, Type III, Erect, Salv	6	Ea	\$ 45.50	\$ 273.00	\$ 53.50	\$ 321.00	\$ 50.00	\$ 300.00
69	Sign, Type III, Rem	14	Ea	\$ 30.00	\$ 420.00	\$ 26.75	\$ 374.50	\$ 25.00	\$ 350.00
70	Sign, Type IIIB	150	Sft	\$ 19.00	\$ 2,850.00	\$ 19.26	\$ 2,889.00	\$ 18.00	\$ 2,700.00
71	Sign, Type V, Rem	1	Ea	\$ 30.00	\$ 30.00	\$ 26.75	\$ 26.75	\$ 25.00	\$ 25.00
72	Sign, Type VB	8	Sft	\$ 20.00	\$ 160.00	\$ 21.40	\$ 171.20	\$ 20.00	\$ 160.00
73	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	410	Ft	\$ 2.50	\$ 1,025.00	\$ 2.68	\$ 1,098.80	\$ 2.50	\$ 1,025.00
74	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	110	Ft	\$ 11.00	\$ 1,210.00	\$ 11.77	\$ 1,294.70	\$ 11.00	\$ 1,210.00
75	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	2	Ea	\$ 141.00	\$ 282.00	\$ 149.80	\$ 299.60	\$ 140.00	\$ 280.00
76	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	2	Ea	\$ 171.00	\$ 342.00	\$ 181.90	\$ 363.80	\$ 170.00	\$ 340.00
77	Pavt Mrkg, Waterborne, 4 inch, White	165	Ft	\$ 0.30	\$ 49.50	\$ 0.31	\$ 51.15	\$ 0.30	\$ 49.50
78	Pavt Mrkg, Waterborne, 4 inch, Yellow	4420	Ft	\$ 0.30	\$ 1,326.00	\$ 0.31	\$ 1,370.20	\$ 0.30	\$ 1,326.00
79	Post, Mailbox	18	Ea	\$ 151.00	\$ 2,718.00	\$ 156.55	\$ 2,817.90	\$ 100.00	\$ 1,800.00
80	Audio Visual Filming	1	LSUM	\$ 1,255.00	\$ 1,255.00	\$ 4,146.28	\$ 4,146.28	\$ 3,875.00	\$ 3,875.00
<b>TOTAL BID ROAD AND STORM SEWER:</b>					\$ 1,599,626.40	\$ 1,467,462.82	\$ 1,875,424.40		

100	Mobilization, Max \$39,000 (Water Main)	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 22,581.71	\$ 22,581.71	\$ 39,000.00	\$ 39,000.00
101	Testing and Chlorination of Water Main	1	LSUM	\$ 6,465.00	\$ 6,465.00	\$ 10,482.79	\$ 10,482.79	\$ 20,651.10	\$ 20,651.10
102	Connect to Ex. Water Main	15	Ea	\$ 4,120.00	\$ 61,800.00	\$ 4,259.04	\$ 63,885.60	\$ 2,800.00	\$ 42,000.00
103	Existing Valve with Valve Box Abandonment	23	Ea	\$ 174.00	\$ 4,002.00	\$ 832.02	\$ 19,136.46	\$ 280.00	\$ 6,440.00
104	Existing Hydrant Removal	8	Ea	\$ 508.00	\$ 4,064.00	\$ 967.11	\$ 7,736.88	\$ 440.00	\$ 3,520.00
105	Water Main, Abandon in Place	3328	Ft	\$ 7.70	\$ 25,625.60	\$ 6.87	\$ 22,863.36	\$ 12.00	\$ 39,936.00
106	Water Main, C909 PVC, 4 inch, TB Detail G, Modified	13	Ft	\$ 79.00	\$ 1,027.00	\$ 199.14	\$ 2,588.82	\$ 170.00	\$ 2,210.00
107	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	235	Ft	\$ 70.00	\$ 16,450.00	\$ 85.41	\$ 20,071.35	\$ 120.00	\$ 28,200.00
108	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	1008	Ft	\$ 93.00	\$ 93,744.00	\$ 72.37	\$ 72,948.96	\$ 87.00	\$ 87,696.00
109	Water Main, C900 PVC, 8 inch, Bore	1000	Ft	\$ 55.00	\$ 55,000.00	\$ 61.19	\$ 61,190.00	\$ 87.00	\$ 87,000.00
110	Water Main, C909 PVC, 12 inch, TB Detail G, Modified	2,494	Ft	\$ 85.00	\$ 211,990.00	\$ 75.81	\$ 189,070.14	\$ 77.00	\$ 192,038.00
111	Water Main, 4 inch, Cut and Plug, Modified	1	Ea	\$ 251.00	\$ 251.00	\$ 1,815.13	\$ 1,815.13	\$ 555.00	\$ 555.00
112	Water Main, 6 inch, Cut and Plug, Modified	16	Ea	\$ 273.00	\$ 4,368.00	\$ 1,837.81	\$ 29,404.96	\$ 580.00	\$ 9,280.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 6)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

McGuirk Sand-Gravel Inc. P.O. Box 530 Mount Pleasant, MI 48804-0530	Champagne & Marx Excavating, Inc. 1445 Liberty Road Saginaw, MI 48604	Tri-City Ground Breakers, Inc. 4440 N Eastman Midland, MI 48642
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ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
113	Water Main, 8 inch, Cut and Plug, Modified	2	Ea	\$ 315.00	\$ 630.00	\$ 1,883.18	\$ 3,766.36	\$ 635.00	\$ 1,270.00
114	Water Main, 12 inch, Cut and Plug, Modified	2	Ea	\$ 427.00	\$ 854.00	\$ 2,002.27	\$ 4,004.54	\$ 780.00	\$ 1,560.00
115	Gate Valve and Box, 4 inch, Modified	1	Ea	\$ 876.00	\$ 876.00	\$ 1,133.56	\$ 1,133.56	\$ 1,500.00	\$ 1,500.00
116	Gate Valve and Box, 6 inch, Modified	3	Ea	\$ 1,005.00	\$ 3,015.00	\$ 1,269.67	\$ 3,809.01	\$ 1,500.00	\$ 4,500.00
117	Gate Valve and Box, 8 inch, Modified	11	Ea	\$ 1,385.00	\$ 15,235.00	\$ 1,726.75	\$ 18,994.25	\$ 2,000.00	\$ 22,000.00
118	Gate Valve and Box, 12 inch, Modified	6	Ea	\$ 2,350.00	\$ 14,100.00	\$ 2,862.10	\$ 17,172.60	\$ 3,350.00	\$ 20,100.00
119	Fire Hydrant and Valve Assembly	15	Ea	\$ 5,030.00	\$ 75,450.00	\$ 5,530.45	\$ 82,956.75	\$ 5,820.00	\$ 87,300.00
120	1 inch Copper Service Lead, Type "K", Modified	2588	Ft	\$ 49.00	\$ 126,812.00	\$ 80.26	\$ 207,712.88	\$ 48.00	\$ 124,224.00
121	Curb Box, Stop, 1 inch Corporation Stop Connection, Modified	61	Ea	\$ 965.00	\$ 58,865.00	\$ 678.47	\$ 41,386.67	\$ 635.00	\$ 38,735.00
122	Supply & Install Meter Pit, Complete	15	Ea	\$ 471.00	\$ 7,065.00	\$ 307.86	\$ 4,617.90	\$ 100.00	\$ 1,500.00
123	Water Meter Pit, Rem	15	Ea	\$ 236.00	\$ 3,540.00	\$ 364.57	\$ 5,468.55	\$ 100.00	\$ 1,500.00
124	2" Blow-Off and Copper Line to Surface	13	Ea	\$ 949.00	\$ 12,337.00	\$ 4,187.09	\$ 54,432.17	\$ 300.00	\$ 3,900.00
125	Sign, Type III, Rem	10	Ea	\$ 30.00	\$ 300.00	\$ 26.75	\$ 267.50	\$ 25.00	\$ 250.00
126	Sign, Type III, Erect, Salv	10	Ea	\$ 45.50	\$ 455.00	\$ 53.50	\$ 535.00	\$ 50.00	\$ 500.00
127	Post, Steel, 3 Pound	160	Ft	\$ 9.10	\$ 1,456.00	\$ 7.49	\$ 1,198.40	\$ 7.00	\$ 1,120.00
128	Sidewalk, Rem	320	Syd	\$ 10.50	\$ 3,360.00	\$ 4.79	\$ 1,532.80	\$ 8.00	\$ 2,560.00
129	Sidewalk, Conc, 4 inch	3500	Sft	\$ 4.30	\$ 15,050.00	\$ 3.21	\$ 11,235.00	\$ 3.00	\$ 10,500.00
130	Sidewalk, Conc, 6 inch	350	Sft	\$ 5.00	\$ 1,750.00	\$ 3.69	\$ 1,291.50	\$ 3.45	\$ 1,207.50
131	Turf Establishment, Performance	6050	Syd	\$ 6.30	\$ 38,115.00	\$ 3.51	\$ 21,235.50	\$ 4.00	\$ 24,200.00
<b>TOTAL BID WATER MAIN:</b>					<b>\$ 874,051.60</b>		<b>\$ 1,006,527.10</b>		<b>\$ 906,952.60</b>
<b>TOTAL BID:</b>					<b>\$ 2,473,678.00</b>		<b>\$ 2,473,989.92</b>		<b>\$ 2,782,377.00</b>

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program - Contract 1 (Cont. Pg 7)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

Anglin Civil, LLC  
1300 Newburgh Road  
Livonia, MI

Woodhull Construction  
9609 E Price Rd.  
Langsborg, MI 48848

Malley Construction, Inc  
1565 Park Place  
Mt Pleasant, MI 48858

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$85,500 (Road and Storm)	1	LSUM	\$ 85,500.00	\$ 85,500.00	\$ 85,000.00	\$ 85,000.00	\$ 85,500.00	\$ 85,500.00
2	Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 1,437.50	\$ 1,437.50	\$ 480.70	\$ 480.70	\$ 1,500.00	\$ 1,500.00
3	Dr Structure, Rem	35	Ea	\$ 1,437.50	\$ 50,312.50	\$ 284.65	\$ 9,962.75	\$ 420.00	\$ 14,700.00
4	Sewer, Rem, Less than 24 inch	2509	Ft	\$ 25.30	\$ 63,477.70	\$ 11.15	\$ 27,975.35	\$ 6.50	\$ 16,308.50
5	Sewer, Rem, 24 inch to 48 inch	32	Ft	\$ 92.00	\$ 2,944.00	\$ 21.40	\$ 684.80	\$ 14.00	\$ 448.00
6	Curb and Gutter, Rem	6345	Ft	\$ 6.90	\$ 43,780.50	\$ 6.80	\$ 43,146.00	\$ 5.40	\$ 34,263.00
7	Pavt, Rem	923	Syd	\$ 12.65	\$ 11,675.95	\$ 7.65	\$ 7,060.95	\$ 7.50	\$ 6,922.50
8	Sidewalk, Rem	577	Syd	\$ 11.50	\$ 6,635.50	\$ 7.65	\$ 4,414.05	\$ 9.00	\$ 5,193.00
9	Embankment, CIP	1,375	Cyd	\$ 11.50	\$ 15,812.50	\$ 21.25	\$ 29,218.75	\$ 12.00	\$ 16,500.00
10	Excavation, Earth	3910	Cyd	\$ 9.20	\$ 35,972.00	\$ 15.20	\$ 59,432.00	\$ 21.00	\$ 82,110.00
11	Subbase, CIP	223	Cyd	\$ 23.00	\$ 5,129.00	\$ 21.30	\$ 4,749.90	\$ 50.00	\$ 11,150.00
12	Subgrade Undercutting, Type II	400	Cyd	\$ 57.50	\$ 23,000.00	\$ 38.25	\$ 15,300.00	\$ 22.00	\$ 8,800.00
13	Erosion Control, Inlet Protection, Fabric Drop	32	Ea	\$ 172.50	\$ 5,520.00	\$ 130.95	\$ 4,190.40	\$ 120.00	\$ 3,840.00
14	Aggregate Base, 6 inch, Modified	1682	Syd	\$ 11.50	\$ 19,343.00	\$ 10.60	\$ 17,829.20	\$ 12.00	\$ 20,184.00
15	Aggregate Base, 8 inch, Modified	15507	Syd	\$ 12.65	\$ 196,163.55	\$ 13.85	\$ 214,771.95	\$ 13.00	\$ 201,591.00
16	Maintenance Gravel	200	Ton	\$ 57.50	\$ 11,500.00	\$ 28.65	\$ 5,730.00	\$ 35.00	\$ 7,000.00
17	Geotextile, Separator	17189	Syd	\$ 3.45	\$ 59,302.05	\$ 2.00	\$ 34,378.00	\$ 2.00	\$ 34,378.00
18	Sewer, SDR-26, 10 inch, Tr Det B, Modified	407	Ft	\$ 46.00	\$ 18,722.00	\$ 70.05	\$ 28,510.35	\$ 60.00	\$ 24,420.00
19	Sewer, SDR-26, 12 inch, Tr Det B, Modified	620	Ft	\$ 51.75	\$ 32,085.00	\$ 73.15	\$ 45,353.00	\$ 73.00	\$ 45,260.00
20	Sewer, SDR-26, 15 inch, Tr Det B, Modified	654	Ft	\$ 59.80	\$ 39,109.20	\$ 78.75	\$ 51,502.50	\$ 78.00	\$ 51,012.00
21	Sewer, SDR-26, 18 inch, Tr Det B, Modified	298	Ft	\$ 71.30	\$ 21,247.40	\$ 95.75	\$ 28,533.50	\$ 90.00	\$ 26,820.00
22	Sewer, SDR-26, 24 inch, Tr Det B, Modified	427	Ft	\$ 77.05	\$ 32,900.35	\$ 116.85	\$ 49,894.95	\$ 115.00	\$ 49,105.00
23	Sewer Bulkhead, 12 inch	5	Ea	\$ 575.00	\$ 2,875.00	\$ 274.75	\$ 1,373.75	\$ 325.00	\$ 1,625.00
24	Sewer Tap, 12 inch	1	Ea	\$ 1,150.00	\$ 1,150.00	\$ 879.40	\$ 879.40	\$ 700.00	\$ 700.00
25	Sewer Tap, 18 inch	1	Ea	\$ 1,437.50	\$ 1,437.50	\$ 908.60	\$ 908.60	\$ 750.00	\$ 750.00
26	Dr Structure, Temp Lowering	17	Ea	\$ 575.00	\$ 9,775.00	\$ 134.20	\$ 2,281.40	\$ 340.00	\$ 5,780.00
27	Dr Structure Cover, Adj, Case 1	19	Ea	\$ 575.00	\$ 10,925.00	\$ 586.20	\$ 11,137.80	\$ 375.00	\$ 7,125.00
28	Dr Structure, Tap, 12 inch	1	Ea	\$ 1,150.00	\$ 1,150.00	\$ 986.30	\$ 986.30	\$ 950.00	\$ 950.00
29	Dr Structure Collar, Modified	16	Ea	\$ 1,725.00	\$ 27,600.00	\$ 528.75	\$ 8,460.00	\$ 1,000.00	\$ 16,000.00
30	Dr Structure Cover, EJ 1040 w/ Vented Gasket Sealed Cover	14	Ea	\$ 690.00	\$ 9,660.00	\$ 467.65	\$ 6,547.10	\$ 650.00	\$ 9,100.00
31	Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	17	Ea	\$ 690.00	\$ 11,730.00	\$ 467.65	\$ 7,950.05	\$ 675.00	\$ 11,475.00
32	Dr Structure Cover, EJ 7000	23	Ea	\$ 805.00	\$ 18,515.00	\$ 424.70	\$ 9,768.10	\$ 775.00	\$ 17,825.00
33	Dr Structure 36 inch dia, Modified	22	Ea	\$ 2,300.00	\$ 50,600.00	\$ 2,240.60	\$ 49,293.20	\$ 2,200.00	\$ 48,400.00
34	Dr Structure 48 inch dia, Modified	12	Ea	\$ 2,875.00	\$ 34,500.00	\$ 3,540.30	\$ 42,483.60	\$ 2,900.00	\$ 34,800.00
35	Dr Structure 60 inch dia, Modified	2	Ea	\$ 4,025.00	\$ 8,050.00	\$ 4,298.50	\$ 8,597.00	\$ 6,300.00	\$ 12,600.00
36	Dr Structure 72 inch dia, Modified	1	Ea	\$ 5,750.00	\$ 5,750.00	\$ 6,910.45	\$ 6,910.45	\$ 8,400.00	\$ 8,400.00
37	HMA Surface, Rem	17331	Syd	\$ 10.35	\$ 179,375.85	\$ 3.85	\$ 66,724.35	\$ 3.50	\$ 60,658.50
38	Hand Patching	10	Ton	\$ 258.75	\$ 2,587.50	\$ 200.00	\$ 2,000.00	\$ 130.30	\$ 1,303.00
39	HMA, 3E3	3081	Ton	\$ 88.00	\$ 271,128.00	\$ 81.00	\$ 249,561.00	\$ 67.70	\$ 208,583.70
40	HMA, 4E3	824	Ton	\$ 91.00	\$ 74,984.00	\$ 86.00	\$ 70,864.00	\$ 85.90	\$ 70,781.60
41	HMA, 5E3	1403	Ton	\$ 95.00	\$ 133,285.00	\$ 91.00	\$ 127,673.00	\$ 92.80	\$ 130,198.40
42	HMA Approach	15	Ton	\$ 115.00	\$ 1,725.00	\$ 175.00	\$ 2,625.00	\$ 103.40	\$ 1,551.00
43	Cement	2	Ton	\$ 345.00	\$ 690.00	\$ 212.00	\$ 424.00	\$ 175.00	\$ 350.00
44	Saw Cutting	200	Ft	\$ 4.60	\$ 920.00	\$ 7.00	\$ 1,400.00	\$ 15.00	\$ 3,000.00
45	Driveway, Nonreinf Conc, 6 inch	1000	Syd	\$ 46.00	\$ 46,000.00	\$ 45.10	\$ 45,100.00	\$ 28.50	\$ 28,500.00
46	Driveway, Nonreinf Conc, 9 inch	250	Syd	\$ 60.95	\$ 15,237.50	\$ 59.00	\$ 14,750.00	\$ 40.00	\$ 10,000.00
47	Approach, CI II, LM	10	Cyd	\$ 230.00	\$ 2,300.00	\$ 76.10	\$ 761.00	\$ 95.00	\$ 950.00
48	Curb and Gutter, Conc, Det F4	5044	Ft	\$ 20.70	\$ 104,410.80	\$ 17.30	\$ 87,261.20	\$ 13.00	\$ 65,572.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 8)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

Anglin Civil, LLC  
1300 Newburgh Road  
Livonia, MI

Woodhull Construction  
9609 E Price Rd.  
Langsbury, MI 48848

Malley Construction, Inc  
1565 Park Place  
Mt Pleasant, MI 48858

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
49	Curb and Gutter, Conc, Det F4, Modified	1070	Ft	\$ 28.75	\$ 30,762.50	\$ 19.90	\$ 21,293.00	\$ 17.00	\$ 18,190.00
50	Driveway Opening, Conc, Det M	256	Ft	\$ 23.00	\$ 5,888.00	\$ 21.30	\$ 5,452.80	\$ 17.00	\$ 4,352.00
51	Detectable Warning Surface, Modified	181	Ft	\$ 74.75	\$ 13,529.75	\$ 87.00	\$ 15,747.00	\$ 72.00	\$ 13,032.00
52	Sidewalk Ramp, Conc, 7 inch	2812	Sft	\$ 6.90	\$ 19,402.80	\$ 8.00	\$ 22,496.00	\$ 5.00	\$ 14,060.00
53	Sidewalk, Conc, 4 inch	2018	Sft	\$ 4.60	\$ 9,282.80	\$ 4.50	\$ 9,081.00	\$ 3.00	\$ 6,054.00
54	Sidewalk, Conc, 6 inch	2362	Sft	\$ 5.18	\$ 12,235.16	\$ 5.50	\$ 12,991.00	\$ 3.20	\$ 7,558.40
55	Sidewalk, Conc, 9 inch	1100	Sft	\$ 6.90	\$ 7,590.00	\$ 7.00	\$ 7,700.00	\$ 4.25	\$ 4,675.00
56	Valve Box, Adj	5	Ea	\$ 402.50	\$ 2,012.50	\$ 341.15	\$ 1,705.75	\$ 400.00	\$ 2,000.00
57	Sanitary Serv Conflict	5	Ea	\$ 1,725.00	\$ 8,625.00	\$ 1,129.45	\$ 5,647.25	\$ 500.00	\$ 2,500.00
58	Abandoned Gas Main Conflict	10	Ea	\$ 862.50	\$ 8,625.00	\$ 245.95	\$ 2,459.50	\$ 300.00	\$ 3,000.00
59	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	21	Ea	\$ 143.75	\$ 3,018.75	\$ 117.80	\$ 2,473.80	\$ 90.00	\$ 1,890.00
60	Pedestrian Type II Barricade, Temp	25	Ea	\$ 143.75	\$ 3,593.75	\$ 105.40	\$ 2,635.00	\$ 100.00	\$ 2,500.00
61	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 575.00	\$ 1,150.00	\$ 868.00	\$ 1,736.00	\$ 350.00	\$ 700.00
62	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
63	Plastic Drum, High Intensity, Furn & Oper	80	Ea	\$ 34.50	\$ 2,760.00	\$ 27.30	\$ 2,184.00	\$ 16.50	\$ 1,320.00
64	Sign, Type B, Temp, Prismatic, Furn & Oper	550	Sft	\$ 5.00	\$ 2,750.00	\$ 4.10	\$ 2,255.00	\$ 3.45	\$ 1,897.50
65	Sign, Portable, Changeable Message, Furn & Oper	1	Ea	\$ 3,593.75	\$ 3,593.75	\$ 2,108.00	\$ 2,108.00	\$ 2,150.00	\$ 2,150.00
66	Turf Establishment, Performance	4566	Syd	\$ 9.20	\$ 42,007.20	\$ 8.90	\$ 40,637.40	\$ 6.00	\$ 27,396.00
67	Post, Steel, 3 lb	480	Ft	\$ 8.05	\$ 3,864.00	\$ 9.00	\$ 4,320.00	\$ 7.50	\$ 3,600.00
68	Sign, Type III. Erect, Salv	6	Ea	\$ 57.50	\$ 345.00	\$ 45.00	\$ 270.00	\$ 60.00	\$ 360.00
69	Sign, Type III, Rem	14	Ea	\$ 28.75	\$ 402.50	\$ 30.00	\$ 420.00	\$ 40.00	\$ 560.00
70	Sign, Type IIIB	150	Sft	\$ 20.70	\$ 3,105.00	\$ 19.00	\$ 2,850.00	\$ 17.25	\$ 2,587.50
71	Sign, Type V, Rem	1	Ea	\$ 28.75	\$ 28.75	\$ 30.00	\$ 30.00	\$ 45.00	\$ 45.00
72	Sign, Type VB	8	Sft	\$ 23.00	\$ 184.00	\$ 20.00	\$ 160.00	\$ 24.50	\$ 196.00
73	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	410	Ft	\$ 2.88	\$ 1,180.80	\$ 2.50	\$ 1,025.00	\$ 2.50	\$ 1,025.00
74	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	110	Ft	\$ 12.65	\$ 1,391.50	\$ 11.00	\$ 1,210.00	\$ 11.00	\$ 1,210.00
75	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	2	Ea	\$ 161.00	\$ 322.00	\$ 140.00	\$ 280.00	\$ 140.00	\$ 280.00
76	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	2	Ea	\$ 195.50	\$ 391.00	\$ 170.00	\$ 340.00	\$ 170.00	\$ 340.00
77	Pavt Mrkg, Waterborne, 4 inch, White	165	Ft	\$ 0.35	\$ 57.75	\$ 0.30	\$ 49.50	\$ 0.29	\$ 47.85
78	Pavt Mrkg, Waterborne, 4 inch, Yellow	4420	Ft	\$ 0.35	\$ 1,547.00	\$ 0.30	\$ 1,326.00	\$ 0.29	\$ 1,281.80
79	Post, Mailbox	18	Ea	\$ 287.50	\$ 5,175.00	\$ 223.55	\$ 4,023.90	\$ 150.00	\$ 2,700.00
80	Audio Visual Filming	1	LSUM	\$ 1,725.00	\$ 1,725.00	\$ 8,000.00	\$ 8,000.00	\$ 3,000.00	\$ 3,000.00
<b>TOTAL BID ROAD AND STORM SEWER:</b>					<b>\$ 2,014,477.11</b>		<b>\$ 1,787,746.30</b>		<b>\$ 1,644,491.25</b>

100	Mobilization, Max \$39,000 (Water Main)	1	LSUM	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00
101	Testing and Chlorination of Water Main	1	LSUM	\$ 4,025.00	\$ 4,025.00	\$ 25,930.00	\$ 25,930.00	\$ 223,000.00	\$ 223,000.00
102	Connect to Ex. Water Main	15	Ea	\$ 4,600.00	\$ 69,000.00	\$ 1,804.70	\$ 27,070.50	\$ 3,000.00	\$ 45,000.00
103	Existing Valve with Valve Box Abandonment	23	Ea	\$ 287.50	\$ 6,612.50	\$ 92.60	\$ 2,129.80	\$ 350.00	\$ 8,050.00
104	Existing Hydrant Removal	8	Ea	\$ 1,150.00	\$ 9,200.00	\$ 394.35	\$ 3,154.80	\$ 750.00	\$ 6,000.00
105	Water Main, Abandon in Place	3328	Ft	\$ 5.75	\$ 19,136.00	\$ 10.40	\$ 34,611.20	\$ 7.00	\$ 23,296.00
106	Water Main, C909 PVC, 4 inch, TB Detail G, Modified	13	Ft	\$ 115.00	\$ 1,495.00	\$ 179.60	\$ 2,334.80	\$ 140.00	\$ 1,820.00
107	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	235	Ft	\$ 40.25	\$ 9,458.75	\$ 112.70	\$ 26,484.50	\$ 110.00	\$ 25,850.00
108	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	1008	Ft	\$ 46.00	\$ 46,368.00	\$ 92.45	\$ 93,189.60	\$ 105.00	\$ 105,840.00
109	Water Main, C900 PVC, 8 inch, Bore	1000	Ft	\$ 69.00	\$ 69,000.00	\$ 105.00	\$ 105,000.00	\$ 95.00	\$ 95,000.00
110	Water Main, C909 PVC, 12 inch, TB Detail G, Modified	2,494	Ft	\$ 59.80	\$ 149,141.20	\$ 103.35	\$ 257,754.90	\$ 90.00	\$ 224,460.00
111	Water Main, 4 inch, Cut and Plug, Modified	1	Ea	\$ 230.00	\$ 230.00	\$ 486.10	\$ 486.10	\$ 500.00	\$ 500.00
112	Water Main, 6 inch, Cut and Plug, Modified	16	Ea	\$ 230.00	\$ 3,680.00	\$ 510.95	\$ 8,175.20	\$ 550.00	\$ 8,800.00



CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 9)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

Anglin Civil, LLC  
1300 Newburgh Road  
Livonia, MI

Woodhull Construction  
9609 E Price Rd.  
Langsbury, MI 48848

Malley Construction, Inc  
1565 Park Place  
Mt Pleasant, MI 48858

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
113	Water Main, 8 inch, Cut and Plug, Modified	2	Ea	\$ 230.00	\$ 460.00	\$ 550.30	\$ 1,100.60	\$ 600.00	\$ 1,200.00
114	Water Main, 12 inch, Cut and Plug, Modified	2	Ea	\$ 345.00	\$ 690.00	\$ 667.85	\$ 1,335.70	\$ 700.00	\$ 1,400.00
115	Gate Valve and Box, 4 inch, Modified	1	Ea	\$ 1,437.50	\$ 1,437.50	\$ 1,192.65	\$ 1,192.65	\$ 1,200.00	\$ 1,200.00
116	Gate Valve and Box, 6 inch, Modified	3	Ea	\$ 1,610.00	\$ 4,830.00	\$ 1,351.55	\$ 4,054.65	\$ 1,300.00	\$ 3,900.00
117	Gate Valve and Box, 8 inch, Modified	11	Ea	\$ 2,070.00	\$ 22,770.00	\$ 1,755.15	\$ 19,306.65	\$ 1,700.00	\$ 18,700.00
118	Gate Valve and Box, 12 inch, Modified	6	Ea	\$ 3,450.00	\$ 20,700.00	\$ 2,843.15	\$ 17,058.90	\$ 2,600.00	\$ 15,600.00
119	Fire Hydrant and Valve Assembly	15	Ea	\$ 4,887.50	\$ 73,312.50	\$ 6,369.95	\$ 95,549.25	\$ 6,000.00	\$ 90,000.00
120	1 inch Copper Service Lead, Type "K", Modified	2588	Ft	\$ 29.90	\$ 77,381.20	\$ 49.90	\$ 129,141.20	\$ 52.00	\$ 134,576.00
121	Curb Box, Stop, 1 inch Corporation Stop Connection, Modified	61	Ea	\$ 1,150.00	\$ 70,150.00	\$ 1,041.90	\$ 63,555.90	\$ 1,000.00	\$ 61,000.00
122	Supply & Install Meter Pit, Complete	15	Ea	\$ 1,150.00	\$ 17,250.00	\$ 333.05	\$ 4,995.75	\$ 700.00	\$ 10,500.00
123	Water Meter Pit, Rem	15	Ea	\$ 345.00	\$ 5,175.00	\$ 179.60	\$ 2,694.00	\$ 500.00	\$ 7,500.00
124	2" Blow-Off and Copper Line to Surface	13	Ea	\$ 1,437.50	\$ 18,687.50	\$ 1,227.70	\$ 15,960.10	\$ 1,500.00	\$ 19,500.00
125	Sign, Type III, Rem	10	Ea	\$ 28.75	\$ 287.50	\$ 30.00	\$ 300.00	\$ 35.00	\$ 350.00
126	Sign, Type III, Erect, Salv	10	Ea	\$ 57.50	\$ 575.00	\$ 45.00	\$ 450.00	\$ 50.00	\$ 500.00
127	Post, Steel, 3 Pound	160	Ft	\$ 8.05	\$ 1,288.00	\$ 9.00	\$ 1,440.00	\$ 7.50	\$ 1,200.00
128	Sidewalk, Rem	320	Syd	\$ 11.50	\$ 3,680.00	\$ 7.65	\$ 2,448.00	\$ 7.88	\$ 2,521.60
129	Sidewalk, Conc, 4 inch	3500	Sft	\$ 4.60	\$ 16,100.00	\$ 4.50	\$ 15,750.00	\$ 3.00	\$ 10,500.00
130	Sidewalk, Conc, 6 inch	350	Sft	\$ 5.18	\$ 1,813.00	\$ 5.50	\$ 1,925.00	\$ 3.45	\$ 1,207.50
131	Turf Establishment, Performance	6050	Syd	\$ 9.20	\$ 55,660.00	\$ 8.90	\$ 53,845.00	\$ 6.00	\$ 36,300.00
<b>TOTAL BID WATER MAIN:</b>					\$ 818,593.65		\$ 1,057,424.75		\$ 1,224,271.10
<b>TOTAL BID:</b>					\$ 2,833,070.76		\$ 2,845,171.05		\$ 2,868,762.35

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program - Contract 1 (Cont. Pg 10)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

C & D Hughes, Inc.  
3097 Lansing Road  
Charlotte, MI 48813

Mead Bros Excavating  
PO Box 99  
Springport, MI 49284

Rohde Bros. Excavating, Inc.  
1240 North Outer Drive  
PO BOX 14979  
Saginaw, MI 8601-0979

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$85,500 (Road and Storm)	1	LSUM	\$ 85,500.00	\$ 85,500.00	\$ 85,000.00	\$ 85,000.00	\$ 85,500.00	\$ 85,500.00
2	Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,100.00	\$ 1,100.00
3	Dr Structure, Rem	35	Ea	\$ 500.00	\$ 17,500.00	\$ 300.00	\$ 10,500.00	\$ 400.00	\$ 14,000.00
4	Sewer, Rem, Less than 24 inch	2509	Ft	\$ 5.00	\$ 12,545.00	\$ 35.00	\$ 87,815.00	\$ 10.00	\$ 25,090.00
5	Sewer, Rem, 24 inch to 48 inch	32	Ft	\$ 25.00	\$ 800.00	\$ 100.00	\$ 3,200.00	\$ 40.00	\$ 1,280.00
6	Curb and Gutter, Rem	6345	Ft	\$ 10.00	\$ 63,450.00	\$ 4.00	\$ 25,380.00	\$ 9.00	\$ 57,105.00
7	Pavt, Rem	923	Syd	\$ 15.00	\$ 13,845.00	\$ 6.50	\$ 5,999.50	\$ 9.00	\$ 8,307.00
8	Sidewalk, Rem	577	Syd	\$ 15.00	\$ 8,655.00	\$ 2.00	\$ 1,154.00	\$ 9.00	\$ 5,193.00
9	Embankment, CIP	1,375	Cyd	\$ 15.00	\$ 20,625.00	\$ 30.00	\$ 41,250.00	\$ 15.00	\$ 20,625.00
10	Excavation, Earth	3910	Cyd	\$ 15.00	\$ 58,650.00	\$ 28.00	\$ 109,480.00	\$ 20.00	\$ 78,200.00
11	Subbase, CIP	223	Cyd	\$ 30.00	\$ 6,690.00	\$ 25.00	\$ 5,575.00	\$ 25.00	\$ 5,575.00
12	Subgrade Undercutting, Type II	400	Cyd	\$ 30.00	\$ 12,000.00	\$ 28.00	\$ 11,200.00	\$ 25.00	\$ 10,000.00
13	Erosion Control, Inlet Protection, Fabric Drop	32	Ea	\$ 100.00	\$ 3,200.00	\$ 150.00	\$ 4,800.00	\$ 100.00	\$ 3,200.00
14	Aggregate Base, 6 inch, Modified	1682	Syd	\$ 15.00	\$ 25,230.00	\$ 8.50	\$ 14,297.00	\$ 14.00	\$ 23,548.00
15	Aggregate Base, 8 inch, Modified	15507	Syd	\$ 15.00	\$ 232,605.00	\$ 11.50	\$ 178,330.50	\$ 18.00	\$ 279,126.00
16	Maintenance Gravel	200	Ton	\$ 30.00	\$ 6,000.00	\$ 25.00	\$ 5,000.00	\$ 30.00	\$ 6,000.00
17	Geotextile, Separator	17189	Syd	\$ 1.00	\$ 17,189.00	\$ 1.00	\$ 17,189.00	\$ 2.00	\$ 34,378.00
18	Sewer, SDR-26, 10 inch, Tr Det B, Modified	407	Ft	\$ 70.00	\$ 28,490.00	\$ 70.00	\$ 28,490.00	\$ 73.00	\$ 29,711.00
19	Sewer, SDR-26, 12 inch, Tr Det B, Modified	620	Ft	\$ 70.00	\$ 43,400.00	\$ 81.00	\$ 50,220.00	\$ 83.00	\$ 51,460.00
20	Sewer, SDR-26, 15 inch, Tr Det B, Modified	654	Ft	\$ 80.00	\$ 52,320.00	\$ 87.00	\$ 56,898.00	\$ 88.00	\$ 57,552.00
21	Sewer, SDR-26, 18 inch, Tr Det B, Modified	298	Ft	\$ 100.00	\$ 29,800.00	\$ 92.00	\$ 27,416.00	\$ 98.00	\$ 29,204.00
22	Sewer, SDR-26, 24 inch, Tr Det B, Modified	427	Ft	\$ 120.00	\$ 51,240.00	\$ 145.00	\$ 61,915.00	\$ 133.00	\$ 56,791.00
23	Sewer Bulkhead, 12 inch	5	Ea	\$ 600.00	\$ 3,000.00	\$ 250.00	\$ 1,250.00	\$ 1,000.00	\$ 5,000.00
24	Sewer Tap, 12 inch	1	Ea	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00
25	Sewer Tap, 18 inch	1	Ea	\$ 600.00	\$ 600.00	\$ 650.00	\$ 650.00	\$ 1,800.00	\$ 1,800.00
26	Dr Structure, Temp Lowering	17	Ea	\$ 400.00	\$ 6,800.00	\$ 300.00	\$ 5,100.00	\$ 220.00	\$ 3,740.00
27	Dr Structure Cover, Adj, Case 1	19	Ea	\$ 500.00	\$ 9,500.00	\$ 1,000.00	\$ 19,000.00	\$ 800.00	\$ 15,200.00
28	Dr Structure, Tap, 12 inch	1	Ea	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00
29	Dr Structure Collar, Modified	16	Ea	\$ 500.00	\$ 8,000.00	\$ 1,000.00	\$ 16,000.00	\$ 1,200.00	\$ 19,200.00
30	Dr Structure Cover, EJ 1040 w/ Vented Gasket Sealed Cover	14	Ea	\$ 600.00	\$ 8,400.00	\$ 1,500.00	\$ 21,000.00	\$ 600.00	\$ 8,400.00
31	Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	17	Ea	\$ 600.00	\$ 10,200.00	\$ 1,500.00	\$ 25,500.00	\$ 600.00	\$ 10,200.00
32	Dr Structure Cover, EJ 7000	23	Ea	\$ 800.00	\$ 18,400.00	\$ 1,500.00	\$ 34,500.00	\$ 800.00	\$ 18,400.00
33	Dr Structure 36 inch dia, Modified	22	Ea	\$ 2,000.00	\$ 44,000.00	\$ 1,750.00	\$ 38,500.00	\$ 1,600.00	\$ 35,200.00
34	Dr Structure 48 inch dia, Modified	12	Ea	\$ 2,500.00	\$ 30,000.00	\$ 2,200.00	\$ 26,400.00	\$ 2,000.00	\$ 24,000.00
35	Dr Structure 60 inch dia, Modified	2	Ea	\$ 3,500.00	\$ 7,000.00	\$ 5,500.00	\$ 11,000.00	\$ 2,700.00	\$ 5,400.00
36	Dr Structure 72 inch dia, Modified	1	Ea	\$ 6,000.00	\$ 6,000.00	\$ 8,700.00	\$ 8,700.00	\$ 5,000.00	\$ 5,000.00
37	HMA Surface, Rem	17331	Syd	\$ 3.00	\$ 51,993.00	\$ 4.50	\$ 77,989.50	\$ 9.00	\$ 155,979.00
38	Hand Patching	10	Ton	\$ 200.00	\$ 2,000.00	\$ 130.30	\$ 1,303.00	\$ 140.00	\$ 1,400.00
39	HMA, 3E3	3081	Ton	\$ 81.00	\$ 249,561.00	\$ 67.70	\$ 208,583.70	\$ 69.00	\$ 212,589.00
40	HMA, 4E3	824	Ton	\$ 86.00	\$ 70,864.00	\$ 85.90	\$ 70,781.60	\$ 87.00	\$ 71,688.00
41	HMA, 5E3	1403	Ton	\$ 91.00	\$ 127,673.00	\$ 92.80	\$ 130,198.40	\$ 94.00	\$ 131,882.00
42	HMA Approach	15	Ton	\$ 175.00	\$ 2,625.00	\$ 103.40	\$ 1,551.00	\$ 110.00	\$ 1,650.00
43	Cement	2	Ton	\$ 280.00	\$ 560.00	\$ 500.00	\$ 1,000.00	\$ 190.00	\$ 380.00
44	Saw Cutting	200	Ft	\$ 5.00	\$ 1,000.00	\$ 5.00	\$ 1,000.00	\$ 3.00	\$ 600.00
45	Driveway, Nonreinf Conc, 6 inch	1000	Syd	\$ 35.22	\$ 35,220.00	\$ 27.00	\$ 27,000.00	\$ 35.00	\$ 35,000.00
46	Driveway, Nonreinf Conc, 9 inch	250	Syd	\$ 48.00	\$ 12,000.00	\$ 40.00	\$ 10,000.00	\$ 48.00	\$ 12,000.00
47	Approach, CI II, LM	10	Cyd	\$ 100.00	\$ 1,000.00	\$ 80.00	\$ 800.00	\$ 60.00	\$ 600.00
48	Curb and Gutter, Conc, Det F4	5044	Ft	\$ 14.25	\$ 71,877.00	\$ 13.50	\$ 68,094.00	\$ 13.00	\$ 65,572.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 11)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

C & D Hughes, Inc.  
3097 Lansing Road  
Charlotte, MI 48813

Mead Bros Excavating  
PO Box 99  
Springport, MI 49284

Rohde Bros. Excavating, Inc.  
1240 North Outer Drive  
PO BOX 14979  
Saginaw, MI 8601-0979

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
49	Curb and Gutter, Conc, Det F4, Modified	1070	Ft	\$ 15.00	\$ 16,050.00	\$ 16.00	\$ 17,120.00	\$ 16.00	\$ 17,120.00
50	Driveway Opening, Conc, Det M	256	Ft	\$ 20.00	\$ 5,120.00	\$ 16.00	\$ 4,096.00	\$ 16.00	\$ 4,096.00
51	Detectable Warning Surface, Modified	181	Ft	\$ 35.00	\$ 6,335.00	\$ 69.00	\$ 12,489.00	\$ 70.00	\$ 12,670.00
52	Sidewalk Ramp, Conc, 7 inch	2812	Sft	\$ 6.35	\$ 17,856.20	\$ 6.00	\$ 16,872.00	\$ 7.00	\$ 19,684.00
53	Sidewalk, Conc, 4 inch	2018	Sft	\$ 3.25	\$ 6,558.50	\$ 4.00	\$ 8,072.00	\$ 5.00	\$ 10,090.00
54	Sidewalk, Conc, 6 inch	2362	Sft	\$ 3.40	\$ 8,030.80	\$ 4.20	\$ 9,920.40	\$ 6.00	\$ 14,172.00
55	Sidewalk, Conc, 9 inch	1100	Sft	\$ 8.00	\$ 8,800.00	\$ 5.00	\$ 5,500.00	\$ 8.00	\$ 8,800.00
56	Valve Box, Adj	5	Ea	\$ 300.00	\$ 1,500.00	\$ 300.00	\$ 1,500.00	\$ 200.00	\$ 1,000.00
57	Sanitary Serv Conflict	5	Ea	\$ 1,000.00	\$ 5,000.00	\$ 1,000.00	\$ 5,000.00	\$ 1,200.00	\$ 6,000.00
58	Abandoned Gas Main Conflict	10	Ea	\$ 500.00	\$ 5,000.00	\$ 150.00	\$ 1,500.00	\$ 300.00	\$ 3,000.00
59	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	21	Ea	\$ 105.40	\$ 2,213.40	\$ 105.40	\$ 2,213.40	\$ 100.00	\$ 2,100.00
60	Pedestrian Type II Barricade, Temp	25	Ea	\$ 93.00	\$ 2,325.00	\$ 93.00	\$ 2,325.00	\$ 110.00	\$ 2,750.00
61	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 744.00	\$ 1,488.00	\$ 744.00	\$ 1,488.00	\$ 380.00	\$ 760.00
62	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
63	Plastic Drum, High Intensity, Furn & Oper	80	Ea	\$ 24.80	\$ 1,984.00	\$ 24.80	\$ 1,984.00	\$ 18.00	\$ 1,440.00
64	Sign, Type B, Temp, Prismatic, Furn & Oper	550	Sft	\$ 4.09	\$ 2,249.50	\$ 4.09	\$ 2,249.50	\$ 4.00	\$ 2,200.00
65	Sign, Portable, Changeable Message, Furn & Oper	1	Ea	\$ 1,984.00	\$ 1,984.00	\$ 1,984.50	\$ 1,984.50	\$ 2,300.00	\$ 2,300.00
66	Turf Establishment, Performance	4566	Syd	\$ 6.00	\$ 27,396.00	\$ 5.00	\$ 22,830.00	\$ 4.00	\$ 18,264.00
67	Post, Steel, 3 lb	480	Ft	\$ 9.00	\$ 4,320.00	\$ 9.00	\$ 4,320.00	\$ 8.00	\$ 3,840.00
68	Sign, Type III. Erect, Salv	6	Ea	\$ 45.00	\$ 270.00	\$ 45.00	\$ 270.00	\$ 62.00	\$ 372.00
69	Sign, Type III, Rem	14	Ea	\$ 30.00	\$ 420.00	\$ 30.00	\$ 420.00	\$ 42.00	\$ 588.00
70	Sign, Type IIIB	150	Sft	\$ 19.00	\$ 2,850.00	\$ 19.00	\$ 2,850.00	\$ 18.00	\$ 2,700.00
71	Sign, Type V, Rem	1	Ea	\$ 30.00	\$ 30.00	\$ 30.00	\$ 30.00	\$ 48.00	\$ 48.00
72	Sign, Type VB	8	Sft	\$ 20.00	\$ 160.00	\$ 20.00	\$ 160.00	\$ 26.00	\$ 208.00
73	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	410	Ft	\$ 2.50	\$ 1,025.00	\$ 2.50	\$ 1,025.00	\$ 3.00	\$ 1,230.00
74	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	110	Ft	\$ 11.00	\$ 1,210.00	\$ 11.00	\$ 1,210.00	\$ 12.00	\$ 1,320.00
75	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	2	Ea	\$ 140.00	\$ 280.00	\$ 140.00	\$ 280.00	\$ 145.00	\$ 290.00
76	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	2	Ea	\$ 170.00	\$ 340.00	\$ 170.00	\$ 340.00	\$ 180.00	\$ 360.00
77	Pavt Mrkg, Waterborne, 4 inch, White	165	Ft	\$ 0.29	\$ 47.85	\$ 0.29	\$ 47.85	\$ 0.30	\$ 49.50
78	Pavt Mrkg, Waterborne, 4 inch, Yellow	4420	Ft	\$ 0.29	\$ 1,281.80	\$ 0.29	\$ 1,281.80	\$ 0.30	\$ 1,326.00
79	Post, Mailbox	18	Ea	\$ 100.00	\$ 1,800.00	\$ 200.00	\$ 3,600.00	\$ 100.00	\$ 1,800.00
80	Audio Visual Filming	1	LSUM	\$ 2,500.00	\$ 2,500.00	\$ 74,000.00	\$ 74,000.00	\$ 2,597.50	\$ 2,597.50
<b>TOTAL BID ROAD AND STORM SEWER:</b>					\$ 1,717,132.05	\$ 1,855,988.65	\$ 1,880,000.00		

100	Mobilization, Max \$39,000 (Water Main)	1	LSUM	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00
101	Testing and Chlorination of Water Main	1	LSUM	\$ 3,000.00	\$ 3,000.00	\$ 90,000.00	\$ 90,000.00	\$ 9,302.00	\$ 9,302.00
102	Connect to Ex. Water Main	15	Ea	\$ 4,000.00	\$ 60,000.00	\$ 2,000.00	\$ 30,000.00	\$ 5,000.00	\$ 75,000.00
103	Existing Valve with Valve Box Abandonment	23	Ea	\$ 400.00	\$ 9,200.00	\$ 300.00	\$ 6,900.00	\$ 400.00	\$ 9,200.00
104	Existing Hydrant Removal	8	Ea	\$ 500.00	\$ 4,000.00	\$ 700.00	\$ 5,600.00	\$ 800.00	\$ 6,400.00
105	Water Main, Abandon in Place	3328	Ft	\$ 1.00	\$ 3,328.00	\$ 2.00	\$ 6,656.00	\$ 5.00	\$ 16,640.00
106	Water Main, C909 PVC, 4 inch, TB Detail G, Modified	13	Ft	\$ 110.00	\$ 1,430.00	\$ 120.00	\$ 1,560.00	\$ 95.00	\$ 1,235.00
107	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	235	Ft	\$ 110.00	\$ 25,850.00	\$ 80.00	\$ 18,800.00	\$ 95.00	\$ 22,325.00
108	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	1008	Ft	\$ 110.00	\$ 110,880.00	\$ 83.75	\$ 84,420.00	\$ 95.00	\$ 95,760.00
109	Water Main, C900 PVC, 8 inch, Bore	1000	Ft	\$ 150.00	\$ 150,000.00	\$ 107.50	\$ 107,500.00	\$ 112.00	\$ 112,000.00
110	Water Main, C909 PVC, 12 inch, TB Detail G, Modified	2,494	Ft	\$ 125.00	\$ 311,750.00	\$ 92.25	\$ 230,071.50	\$ 112.00	\$ 279,328.00
111	Water Main, 4 inch, Cut and Plug, Modified	1	Ea	\$ 1,000.00	\$ 1,000.00	\$ 174.00	\$ 174.00	\$ 1,800.00	\$ 1,800.00
112	Water Main, 6 inch, Cut and Plug, Modified	16	Ea	\$ 600.00	\$ 9,600.00	\$ 200.00	\$ 3,200.00	\$ 1,800.00	\$ 28,800.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/14/2020

DEPT. Engineering

SUBJECT: 2020 Street Program Contract 1 (Cont. Pg 12)

Road & Storm Sewer: Items 1-80

Water Main: Items 100-131

Bid Submittal Contained Math Error

C & D Hughes, Inc.  
3097 Lansing Road  
Charlotte, MI 48813

Mead Bros Excavating  
PO Box 99  
Springport, MI 49284

Rohde Bros. Excavating, Inc.  
1240 North Outer Drive  
PO BOX 14979  
Saginaw, MI 8601-0979

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
113	Water Main, 8 inch, Cut and Plug, Modified	2	Ea	\$ 1,000.00	\$ 2,000.00	\$ 300.00	\$ 600.00	\$ 1,800.00	\$ 3,600.00
114	Water Main, 12 inch, Cut and Plug, Modified	2	Ea	\$ 1,000.00	\$ 2,000.00	\$ 450.00	\$ 900.00	\$ 1,800.00	\$ 3,600.00
115	Gate Valve and Box, 4 inch, Modified	1	Ea	\$ 1,500.00	\$ 1,500.00	\$ 1,150.00	\$ 1,150.00	\$ 1,300.00	\$ 1,300.00
116	Gate Valve and Box, 6 inch, Modified	3	Ea	\$ 1,500.00	\$ 4,500.00	\$ 1,360.00	\$ 4,080.00	\$ 1,500.00	\$ 4,500.00
117	Gate Valve and Box, 8 inch, Modified	11	Ea	\$ 2,000.00	\$ 22,000.00	\$ 1,850.00	\$ 20,350.00	\$ 1,800.00	\$ 19,800.00
118	Gate Valve and Box, 12 inch, Modified	6	Ea	\$ 3,000.00	\$ 18,000.00	\$ 3,100.00	\$ 18,600.00	\$ 2,800.00	\$ 16,800.00
119	Fire Hydrant and Valve Assembly	15	Ea	\$ 5,000.00	\$ 75,000.00	\$ 6,250.00	\$ 93,750.00	\$ 5,200.00	\$ 78,000.00
120	1 inch Copper Service Lead, Type "K", Modified	2588	Ft	\$ 60.00	\$ 155,280.00	\$ 60.00	\$ 155,280.00	\$ 15.00	\$ 38,820.00
121	Curb Box, Stop, 1 inch Corporation Stop Connection, Modified	61	Ea	\$ 1,500.00	\$ 91,500.00	\$ 1,260.00	\$ 76,860.00	\$ 1,800.00	\$ 109,800.00
122	Supply & Install Meter Pit, Complete	15	Ea	\$ 1,000.00	\$ 15,000.00	\$ 500.00	\$ 7,500.00	\$ 800.00	\$ 12,000.00
123	Water Meter Pit, Rem	15	Ea	\$ 300.00	\$ 4,500.00	\$ 200.00	\$ 3,000.00	\$ 500.00	\$ 7,500.00
124	2" Blow-Off and Copper Line to Surface	13	Ea	\$ 500.00	\$ 6,500.00	\$ 1,400.00	\$ 18,200.00	\$ 1,200.00	\$ 15,600.00
125	Sign, Type III, Rem	10	Ea	\$ 30.00	\$ 300.00	\$ 30.00	\$ 300.00	\$ 37.00	\$ 370.00
126	Sign, Type III, Erect, Salv	10	Ea	\$ 45.00	\$ 450.00	\$ 45.00	\$ 450.00	\$ 52.00	\$ 520.00
127	Post, Steel, 3 Pound	160	Ft	\$ 9.00	\$ 1,440.00	\$ 9.00	\$ 1,440.00	\$ 8.00	\$ 1,280.00
128	Sidewalk, Rem	320	Syd	\$ 14.00	\$ 4,480.00	\$ 3.40	\$ 1,088.00	\$ 6.00	\$ 1,920.00
129	Sidewalk, Conc, 4 inch	3500	Sft	\$ 3.25	\$ 11,375.00	\$ 4.00	\$ 14,000.00	\$ 5.00	\$ 17,500.00
130	Sidewalk, Conc, 6 inch	350	Sft	\$ 3.40	\$ 1,190.00	\$ 4.45	\$ 1,557.50	\$ 6.00	\$ 2,100.00
131	Turf Establishment, Performance	6050	Syd	\$ 6.00	\$ 36,300.00	\$ 5.00	\$ 30,250.00	\$ 4.00	\$ 24,200.00
<b>TOTAL BID WATER MAIN:</b>					\$ 1,182,353.00		\$ 1,073,237.00		\$ 1,056,000.00
<b>TOTAL BID:</b>					\$ 2,899,485.05		\$ 2,929,225.65		\$ 2,936,000.00