

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/21/2020

DEPT. Engineering

SUBJECT: 2020 Water Main Replacement Project

Water Main: Items 1-46

Bid Submittal Contained Math Error

Engineer's Estimate

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

CL Trucking & Excavating, LLC  
256 E. Parmeter Rd  
Ionia, MI 48846

ITEM #	DESCRIPTION	EST. QTY	UNIT	Engineer's Estimate		Crawford Contracting, Inc.		CL Trucking & Excavating, LLC	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$45,800	1	LSUM	\$ 45,800.00	\$ 45,800.00	\$ 35,000.00	\$ 35,000.00	\$ 45,800.00	\$ 45,800.00
2	Testing and Chlorination of Water Main	1	LSUM	\$ 6,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00
3	Connect to Ex. Water Main	8	Ea	\$ 3,000.00	\$ 24,000.00	\$ 3,200.00	\$ 25,600.00	\$ 1,800.00	\$ 14,400.00
4	Existing Valve with Valve Box Abandonment	7	Ea	\$ 250.00	\$ 1,750.00	\$ 250.00	\$ 1,750.00	\$ 200.00	\$ 1,400.00
5	Existing Hydrant Removal	2	Ea	\$ 600.00	\$ 1,200.00	\$ 400.00	\$ 800.00	\$ 385.00	\$ 770.00
6	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	1375	Ft	\$ 70.00	\$ 96,250.00	\$ 50.00	\$ 68,750.00	\$ 59.90	\$ 82,362.50
7	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	925	Ft	\$ 75.00	\$ 69,375.00	\$ 53.00	\$ 49,025.00	\$ 64.80	\$ 59,940.00
8	Water Main, 2 inch, Cut and Plug, Modified	2	Ft	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ 100.00	\$ 200.00
9	Water Main, 4 inch, Cut and Plug, Modified	4	Ea	\$ 500.00	\$ 2,000.00	\$ 500.00	\$ 2,000.00	\$ 150.00	\$ 600.00
10	Water Main, 6 inch, Cut and Plug, Modified	2	Ea	\$ 700.00	\$ 1,400.00	\$ 500.00	\$ 1,000.00	\$ 200.00	\$ 400.00
11	Gate Valve and Box, 6 inch, Modified	7	Ea	\$ 1,500.00	\$ 10,500.00	\$ 1,200.00	\$ 8,400.00	\$ 1,250.00	\$ 8,750.00
12	Gate Valve and Box, 8 inch, Modified	4	Ea	\$ 2,500.00	\$ 10,000.00	\$ 1,500.00	\$ 6,000.00	\$ 150.00	\$ 600.00
13	Fire Hydrant and Valve Assembly	6	Ea	\$ 5,000.00	\$ 30,000.00	\$ 5,500.00	\$ 33,000.00	\$ 5,500.00	\$ 33,000.00
14	1 inch Copper Service Lead, Type "K", Modified	970	Ft	\$ 40.00	\$ 38,800.00	\$ 30.00	\$ 29,100.00	\$ 40.00	\$ 38,800.00
15	Curb Box, Stop, 3/4 inch Corporation Stop Connection, Modified	33	Ea	\$ 750.00	\$ 24,750.00	\$ 1,100.00	\$ 36,300.00	\$ 1,000.00	\$ 33,000.00
16	Supply & Install Meter Pit, Complete	7	Ea	\$ 600.00	\$ 4,200.00	\$ 800.00	\$ 5,600.00	\$ 250.00	\$ 1,750.00
17	Water Meter Pit, Rem	7	Ea	\$ 300.00	\$ 2,100.00	\$ 300.00	\$ 2,100.00	\$ 150.00	\$ 1,050.00
18	2" Blow-Off and Copper Line to Surface	8	Ea	\$ 700.00	\$ 5,600.00	\$ 750.00	\$ 6,000.00	\$ 200.00	\$ 1,600.00
19	Curb and Gutter, Rem	108	Ft	\$ 10.00	\$ 1,080.00	\$ 10.00	\$ 1,080.00	\$ 10.00	\$ 1,080.00
20	Sidewalk, Rem	20	Syd	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00
21	Pavt, Rem	480	Syd	\$ 10.00	\$ 4,800.00	\$ 8.00	\$ 3,840.00	\$ 5.00	\$ 2,400.00
22	Curb and Gutter, Conc, Det F4, Modified	108	Ft	\$ 20.00	\$ 2,160.00	\$ 46.65	\$ 5,038.20	\$ 40.00	\$ 4,320.00
23	Sidewalk, Conc, 4 inch	140	Sft	\$ 5.00	\$ 700.00	\$ 19.85	\$ 2,779.00	\$ 9.00	\$ 1,260.00
24	Sidewalk, Conc, 6 inch	40	Sft	\$ 6.00	\$ 240.00	\$ 4.00	\$ 160.00	\$ 9.75	\$ 390.00
25	Driveway, Nonreinf Conc, 6 inch	105	Syd	\$ 50.00	\$ 5,250.00	\$ 5.00	\$ 525.00	\$ 60.00	\$ 6,300.00
26	HMA, Repair	375	Syd	\$ 25.00	\$ 9,375.00	\$ 24.35	\$ 9,131.25	\$ 60.00	\$ 22,500.00
27	Approach, CI II, LM	20	Cyd	\$ 50.00	\$ 1,000.00	\$ 50.00	\$ 1,000.00	\$ 67.78	\$ 1,355.60
28	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 500.00	\$ 1,000.00	\$ 2,500.00	\$ 5,000.00	\$ 350.00	\$ 700.00
29	Erosion Control, Inlet Protection, Fabric Drop	15	Ea	\$ 100.00	\$ 1,500.00	\$ 80.00	\$ 1,200.00	\$ 75.00	\$ 1,125.00
30	Sanitary Serv Conflict	10	Ea	\$ 1,500.00	\$ 15,000.00	\$ 1,000.00	\$ 10,000.00	\$ 750.00	\$ 7,500.00
31	Abandoned Gas Main Conflict	10	Ea	\$ 500.00	\$ 5,000.00	\$ 200.00	\$ 2,000.00	\$ 35.00	\$ 350.00
32	Sign, Type III, Rem	10	Ea	\$ 10.00	\$ 100.00	\$ 35.00	\$ 350.00	\$ 30.00	\$ 300.00
33	Sign, Type III, Erect, Salv	10	Ea	\$ 40.00	\$ 400.00	\$ 45.00	\$ 450.00	\$ 45.00	\$ 450.00
34	Post, Steel, 3 Pound	160	Ft	\$ 6.00	\$ 960.00	\$ 8.00	\$ 1,280.00	\$ 9.00	\$ 1,440.00
35	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	8	Ea	\$ 100.00	\$ 800.00	\$ 90.00	\$ 720.00	\$ 87.55	\$ 700.40
36	Pedestrian Type II Barricade, Temp	6	Ea	\$ 150.00	\$ 900.00	\$ 100.00	\$ 600.00	\$ 77.25	\$ 463.50
37	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 300.00	\$ 600.00	\$ 450.00	\$ 900.00	\$ 618.00	\$ 1,236.00
38	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 10,000.00	\$ 10,000.00
39	Plastic Drum, High Intensity, Furn & Oper	25	Ea	\$ 20.00	\$ 500.00	\$ 22.50	\$ 562.50	\$ 20.60	\$ 515.00
40	Sign, Type B, Temp, Prismatic, Furn & Oper	300	Sft	\$ 5.00	\$ 1,500.00	\$ 4.00	\$ 1,200.00	\$ 3.85	\$ 1,155.00
41	Turf Establishment, Performance	2560	Syd	\$ 5.00	\$ 12,800.00	\$ 5.00	\$ 12,800.00	\$ 6.70	\$ 17,152.00
42	Sawcutting	1000	Ft	\$ 2.00	\$ 2,000.00	\$ 3.00	\$ 3,000.00	\$ 0.75	\$ 750.00
43	Maintenance Gravel	30	Ton	\$ 20.00	\$ 600.00	\$ 30.00	\$ 900.00	\$ 20.00	\$ 600.00
44	Culv, Rem, Less than 24 inch	1	Ea	\$ 350.00	\$ 350.00	\$ 500.00	\$ 500.00	\$ 300.00	\$ 300.00
45	Culv, CI E, Conc, 12 inch	50	Ft	\$ 75.00	\$ 3,750.00	\$ 70.00	\$ 3,500.00	\$ 55.00	\$ 2,750.00
46	Hand Patching	5	Tons	\$ 150.00	\$ 750.00	\$ 110.00	\$ 550.00	\$ 250.00	\$ 1,250.00
<b>TOTAL BID:</b>				<b>\$ 458,040.00</b>	<b>\$ 458,040.00</b>	<b>\$ 386,690.95</b>	<b>\$ 386,690.95</b>	<b>\$ 414,465.00</b>	<b>\$ 414,465.00</b>

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/21/2020

DEPT. Engineering

SUBJECT: 2020 Water Main Replacement Project (Cont. Pg 2)

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: \_\_\_\_\_

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/21/2020

DEPT. Engineering

SUBJECT: 2020 Water Main Replacement Project (Cont. Pg 3)

Water Main: Items 1-46

Bid Submittal Contained Math Error

All Seasons Underground Construction  
5687 Pawson Rd  
Tipton, MI 49287

Rhode Bros. Excavating, Inc.  
1240 North Outer Drive  
P.O. Box 14979  
Saginaw, MI 48601-0979

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 \$45,800	1	LSUM	\$ 45,000.00	\$ 45,000.00	\$ 45,800.00	\$ 45,800.00	\$ 45,800.00	\$ 45,800.00
2	Testing and Chlorination of Water Main	1	LSUM	\$ 4,000.00	\$ 4,000.00	\$ 10,000.00	\$ 10,000.00	\$ 18,490.00	\$ 18,490.00
3	Connect to Ex. Water Main	8	Ea	\$ 5,000.00	\$ 40,000.00	\$ 4,000.00	\$ 32,000.00	\$ 3,210.00	\$ 25,680.00
4	Existing Valve with Valve Box Abandonment	7	Ea	\$ 500.00	\$ 3,500.00	\$ 500.00	\$ 3,500.00	\$ 400.00	\$ 2,800.00
5	Existing Hydrant Removal	2	Ea	\$ 500.00	\$ 1,000.00	\$ 800.00	\$ 1,600.00	\$ 500.00	\$ 1,000.00
6	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	1375	Ft	\$ 46.94	\$ 64,542.50	\$ 75.00	\$ 103,125.00	\$ 82.00	\$ 112,750.00
7	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	925	Ft	\$ 51.26	\$ 47,415.50	\$ 75.00	\$ 69,375.00	\$ 84.00	\$ 77,700.00
8	Water Main, 2 inch, Cut and Plug, Modified	2	Ft	\$ 500.00	\$ 1,000.00	\$ 1,500.00	\$ 3,000.00	\$ 480.00	\$ 960.00
9	Water Main, 4 inch, Cut and Plug, Modified	4	Ea	\$ 500.00	\$ 2,000.00	\$ 1,500.00	\$ 6,000.00	\$ 530.00	\$ 2,120.00
10	Water Main, 6 inch, Cut and Plug, Modified	2	Ea	\$ 800.00	\$ 1,600.00	\$ 1,500.00	\$ 3,000.00	\$ 1,745.00	\$ 3,490.00
11	Gate Valve and Box, 6 inch, Modified	7	Ea	\$ 1,700.00	\$ 11,900.00	\$ 1,400.00	\$ 9,800.00	\$ 1,400.00	\$ 9,800.00
12	Gate Valve and Box, 8 inch, Modified	4	Ea	\$ 2,000.00	\$ 8,000.00	\$ 1,800.00	\$ 7,200.00	\$ 1,755.00	\$ 7,020.00
13	Fire Hydrant and Valve Assembly	6	Ea	\$ 6,000.00	\$ 36,000.00	\$ 5,200.00	\$ 31,200.00	\$ 5,835.00	\$ 35,010.00
14	1 inch Copper Service Lead, Type "K", Modified	970	Ft	\$ 18.00	\$ 17,460.00	\$ 15.00	\$ 14,550.00	\$ 22.00	\$ 21,340.00
15	Curb Box, Stop, 3/4 inch Corporation Stop Connection, Modified	33	Ea	\$ 1,500.00	\$ 49,500.00	\$ 1,500.00	\$ 49,500.00	\$ 1,390.00	\$ 45,870.00
16	Supply & Install Meter Pit, Complete	7	Ea	\$ 600.00	\$ 4,200.00	\$ 800.00	\$ 5,600.00	\$ 655.00	\$ 4,585.00
17	Water Meter Pit, Rem	7	Ea	\$ 100.00	\$ 700.00	\$ 400.00	\$ 2,800.00	\$ 520.00	\$ 3,640.00
18	2" Blow-Off and Copper Line to Surface	8	Ea	\$ 100.00	\$ 800.00	\$ 1,200.00	\$ 9,600.00	\$ 1,345.00	\$ 10,760.00
19	Curb and Gutter, Rem	108	Ft	\$ 5.00	\$ 540.00	\$ 15.00	\$ 1,620.00	\$ 8.25	\$ 891.00
20	Sidewalk, Rem	20	Syd	\$ 5.00	\$ 100.00	\$ 15.00	\$ 300.00	\$ 22.00	\$ 440.00
21	Pavt, Rem	480	Syd	\$ 15.00	\$ 7,200.00	\$ 15.00	\$ 7,200.00	\$ 6.00	\$ 2,880.00
22	Curb and Gutter, Conc, Det F4, Modified	108	Ft	\$ 25.00	\$ 2,700.00	\$ 35.00	\$ 3,780.00	\$ 33.90	\$ 3,661.20
23	Sidewalk, Conc, 4 inch	140	Sft	\$ 5.00	\$ 700.00	\$ 7.00	\$ 980.00	\$ 11.30	\$ 1,582.00
24	Sidewalk, Conc, 6 inch	40	Sft	\$ 10.00	\$ 400.00	\$ 8.00	\$ 320.00	\$ 14.50	\$ 580.00
25	Driveway, Nonreinf Conc, 6 inch	105	Syd	\$ 10.00	\$ 1,050.00	\$ 45.00	\$ 4,725.00	\$ 56.90	\$ 5,974.50
26	HMA, Repair	375	Syd	\$ 85.00	\$ 31,875.00	\$ 75.00	\$ 28,125.00	\$ 79.10	\$ 29,662.50
27	Approach, CI II, LM	20	Cyd	\$ 35.00	\$ 700.00	\$ 100.00	\$ 2,000.00	\$ 76.00	\$ 1,520.00
28	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 1,500.00	\$ 3,000.00	\$ 605.00	\$ 1,210.00	\$ 1,250.00	\$ 2,500.00
29	Erosion Control, Inlet Protection, Fabric Drop	15	Ea	\$ 150.00	\$ 2,250.00	\$ 100.00	\$ 1,500.00	\$ 92.00	\$ 1,380.00
30	Sanitary Serv Conflict	10	Ea	\$ 1,000.00	\$ 10,000.00	\$ 600.00	\$ 6,000.00	\$ 1,115.00	\$ 11,150.00
31	Abandoned Gas Main Conflict	10	Ea	\$ 50.00	\$ 500.00	\$ 300.00	\$ 3,000.00	\$ 450.00	\$ 4,500.00
32	Sign, Type III, Rem	10	Ea	\$ 42.00	\$ 420.00	\$ 38.50	\$ 385.00	\$ 35.00	\$ 350.00
33	Sign, Type III, Erect, Salv	10	Ea	\$ 95.00	\$ 950.00	\$ 50.00	\$ 500.00	\$ 45.00	\$ 450.00
34	Post, Steel, 3 Pound	160	Ft	\$ 10.00	\$ 1,600.00	\$ 10.00	\$ 1,600.00	\$ 8.00	\$ 1,280.00
35	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	8	Ea	\$ 135.00	\$ 1,080.00	\$ 100.00	\$ 800.00	\$ 90.00	\$ 720.00
36	Pedestrian Type II Barricade, Temp	6	Ea	\$ 140.00	\$ 840.00	\$ 110.00	\$ 660.00	\$ 100.00	\$ 600.00
37	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 600.00	\$ 1,200.00	\$ 500.00	\$ 1,000.00	\$ 450.00	\$ 900.00
38	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
39	Plastic Drum, High Intensity, Furn & Oper	25	Ea	\$ 35.00	\$ 875.00	\$ 25.00	\$ 625.00	\$ 22.50	\$ 562.50
40	Sign, Type B, Temp, Prismatic, Furn & Oper	300	Sft	\$ 6.00	\$ 1,800.00	\$ 5.00	\$ 1,500.00	\$ 4.00	\$ 1,200.00
41	Turf Establishment, Performance	2560	Syd	\$ 5.00	\$ 12,800.00	\$ 8.00	\$ 20,480.00	\$ 3.90	\$ 9,984.00
42	Sawcutting	1000	Ft	\$ 2.00	\$ 2,000.00	\$ 3.00	\$ 3,000.00	\$ 1.95	\$ 1,950.00
43	Maintenance Gravel	30	Ton	\$ 55.00	\$ 1,650.00	\$ 30.00	\$ 900.00	\$ 66.00	\$ 1,980.00
44	Culv, Rem, Less than 24 inch	1	Ea	\$ 200.00	\$ 200.00	\$ 300.00	\$ 300.00	\$ 655.00	\$ 655.00
45	Culv, CI E, Conc, 12 inch	50	Ft	\$ 50.00	\$ 2,500.00	\$ 60.00	\$ 3,000.00	\$ 36.00	\$ 1,800.00
46	Hand Patching	5	Tons	\$ 600.00	\$ 3,000.00	\$ 235.00	\$ 1,175.00	\$ 225.00	\$ 1,125.00
<b>TOTAL BID:</b>				<b>\$ 440,548.00</b>	<b>\$ 440,548.00</b>	<b>\$ 514,335.00</b>	<b>\$ 514,335.00</b>	<b>\$ 529,092.70</b>	<b>\$ 529,092.70</b>

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/21/2020

DEPT. Engineering

SUBJECT: 2020 Water Main Replacement Project (Cont. Pg 4)

Water Main: Items 1-46

Bid Submittal Contained Math Error

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

Mead Bros. Excavating  
P.O. Box 99  
Springport, MI 49284

Waldorf & Sons, Inc.  
9118 N. Dort Highway  
Mt. Morris, MI 48458

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$45,800	1	LSUM	\$ 45,000.00	\$ 45,000.00	\$ 45,800.00	\$ 45,800.00	\$ 10,000.00	\$ 10,000.00
2	Testing and Chlorination of Water Main	1	LSUM	\$ 4,000.00	\$ 4,000.00	\$ 18,200.00	\$ 18,200.00	\$ 8,000.00	\$ 8,000.00
3	Connect to Ex. Water Main	8	Ea	\$ 4,000.00	\$ 32,000.00	\$ 2,000.00	\$ 16,000.00	\$ 1,171.65	\$ 9,373.20
4	Existing Valve with Valve Box Abandonment	7	Ea	\$ 500.00	\$ 3,500.00	\$ 500.00	\$ 3,500.00	\$ 475.00	\$ 3,325.00
5	Existing Hydrant Removal	2	Ea	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 890.00	\$ 1,780.00
6	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	1375	Ft	\$ 90.00	\$ 123,750.00	\$ 97.30	\$ 133,787.50	\$ 128.88	\$ 177,210.00
7	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	925	Ft	\$ 90.00	\$ 83,250.00	\$ 100.70	\$ 93,147.50	\$ 124.21	\$ 114,894.25
8	Water Main, 2 inch, Cut and Plug, Modified	2	Ft	\$ 500.00	\$ 1,000.00	\$ 310.00	\$ 620.00	\$ 250.00	\$ 500.00
9	Water Main, 4 inch, Cut and Plug, Modified	4	Ea	\$ 500.00	\$ 2,000.00	\$ 400.00	\$ 1,600.00	\$ 350.00	\$ 1,400.00
10	Water Main, 6 inch, Cut and Plug, Modified	2	Ea	\$ 500.00	\$ 1,000.00	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00
11	Gate Valve and Box, 6 inch, Modified	7	Ea	\$ 1,500.00	\$ 10,500.00	\$ 1,460.00	\$ 10,220.00	\$ 1,188.00	\$ 8,316.00
12	Gate Valve and Box, 8 inch, Modified	4	Ea	\$ 2,000.00	\$ 8,000.00	\$ 2,020.00	\$ 8,080.00	\$ 2,475.00	\$ 9,900.00
13	Fire Hydrant and Valve Assembly	6	Ea	\$ 5,000.00	\$ 30,000.00	\$ 6,920.00	\$ 41,520.00	\$ 4,207.20	\$ 25,243.20
14	1 inch Copper Service Lead, Type "K", Modified	970	Ft	\$ 40.00	\$ 38,800.00	\$ 65.00	\$ 63,050.00	\$ 5.57	\$ 5,402.90
15	Curb Box, Stop, 3/4 inch Corporation Stop Connection, Modified	33	Ea	\$ 1,000.00	\$ 33,000.00	\$ 1,250.00	\$ 41,250.00	\$ 2,210.57	\$ 72,948.81
16	Supply & Install Meter Pit, Complete	7	Ea	\$ 1,000.00	\$ 7,000.00	\$ 600.00	\$ 4,200.00	\$ 3,060.00	\$ 21,420.00
17	Water Meter Pit, Rem	7	Ea	\$ 500.00	\$ 3,500.00	\$ 300.00	\$ 2,100.00	\$ 560.00	\$ 3,920.00
18	2" Blow-Off and Copper Line to Surface	8	Ea	\$ 700.00	\$ 5,600.00	\$ 1,880.00	\$ 15,040.00	\$ 2,015.00	\$ 16,120.00
19	Curb and Gutter, Rem	108	Ft	\$ 20.00	\$ 2,160.00	\$ 4.00	\$ 432.00	\$ 10.00	\$ 1,080.00
20	Sidewalk, Rem	20	Syd	\$ 20.00	\$ 400.00	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00
21	Pavt, Rem	480	Syd	\$ 15.00	\$ 7,200.00	\$ 8.00	\$ 3,840.00	\$ 11.50	\$ 5,520.00
22	Curb and Gutter, Conc, Det F4, Modified	108	Ft	\$ 35.00	\$ 3,780.00	\$ 31.00	\$ 3,348.00	\$ 82.50	\$ 8,910.00
23	Sidewalk, Conc, 4 inch	140	Sft	\$ 7.00	\$ 980.00	\$ 7.00	\$ 980.00	\$ 20.90	\$ 2,926.00
24	Sidewalk, Conc, 6 inch	40	Sft	\$ 7.75	\$ 310.00	\$ 8.00	\$ 320.00	\$ 27.50	\$ 1,100.00
25	Driveway, Nonreinf Conc, 6 inch	105	Syd	\$ 48.50	\$ 5,092.50	\$ 41.00	\$ 4,305.00	\$ 89.10	\$ 9,355.50
26	HMA, Repair	375	Syd	\$ 60.00	\$ 22,500.00	\$ 70.00	\$ 26,250.00	\$ 53.16	\$ 19,935.00
27	Approach, CI II, LM	20	Cyd	\$ 50.00	\$ 1,000.00	\$ 65.00	\$ 1,300.00	\$ 74.50	\$ 1,490.00
28	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00
29	Erosion Control, Inlet Protection, Fabric Drop	15	Ea	\$ 100.00	\$ 1,500.00	\$ 200.00	\$ 3,000.00	\$ 183.67	\$ 2,755.05
30	Sanitary Serv Conflict	10	Ea	\$ 1,000.00	\$ 10,000.00	\$ 1,050.00	\$ 10,500.00	\$ 1,500.00	\$ 15,000.00
31	Abandoned Gas Main Conflict	10	Ea	\$ 500.00	\$ 5,000.00	\$ 200.00	\$ 2,000.00	\$ 250.00	\$ 2,500.00
32	Sign, Type III, Rem	10	Ea	\$ 30.00	\$ 300.00	\$ 30.00	\$ 300.00	\$ 42.00	\$ 420.00
33	Sign, Type III, Erect, Salv	10	Ea	\$ 45.00	\$ 450.00	\$ 45.00	\$ 450.00	\$ 90.00	\$ 900.00
34	Post, Steel, 3 Pound	160	Ft	\$ 9.00	\$ 1,440.00	\$ 9.00	\$ 1,440.00	\$ 9.60	\$ 1,536.00
35	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	8	Ea	\$ 87.55	\$ 700.40	\$ 87.55	\$ 700.40	\$ 150.00	\$ 1,200.00
36	Pedestrian Type II Barricade, Temp	6	Ea	\$ 77.25	\$ 463.50	\$ 77.25	\$ 463.50	\$ 150.00	\$ 900.00
37	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 618.00	\$ 1,236.00	\$ 618.00	\$ 1,236.00	\$ 600.00	\$ 1,200.00
38	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 6,900.00	\$ 6,900.00
39	Plastic Drum, High Intensity, Furn & Oper	25	Ea	\$ 20.60	\$ 515.00	\$ 20.60	\$ 515.00	\$ 32.40	\$ 810.00
40	Sign, Type B, Temp, Prismatic, Furn & Oper	300	Sft	\$ 3.85	\$ 1,155.00	\$ 3.85	\$ 1,155.00	\$ 6.00	\$ 1,800.00
41	Turf Establishment, Performance	2560	Syd	\$ 6.00	\$ 15,360.00	\$ 6.65	\$ 17,024.00	\$ 9.00	\$ 23,040.00
42	Sawcutting	1000	Ft	\$ 2.50	\$ 2,500.00	\$ 5.00	\$ 5,000.00	\$ 3.24	\$ 3,240.00
43	Maintenance Gravel	30	Ton	\$ 50.00	\$ 1,500.00	\$ 35.00	\$ 1,050.00	\$ 51.27	\$ 1,538.10
44	Culv, Rem, Less than 24 inch	1	Ea	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 675.00	\$ 675.00
45	Culv, CI E, Conc, 12 inch	50	Ft	\$ 50.00	\$ 2,500.00	\$ 53.00	\$ 2,650.00	\$ 91.28	\$ 4,564.00
46	Hand Patching	5	Tons	\$ 200.00	\$ 1,000.00	\$ 225.00	\$ 1,125.00	\$ 240.00	\$ 1,200.00
<b>TOTAL BID:</b>				<b>\$ 529,442.40</b>		<b>\$ 602,998.90</b>		<b>\$ 614,448.01</b>	

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/21/2020

DEPT. Engineering

SUBJECT: 2020 Water Main Replacement Project (Cont. Pg 5)

Water Main: Items 1-46

Bid Submittal Contained Math Error

LA Construction Corporation  
4067 Commerce Drive  
Flushing, MI 48433

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$45,800	1	LSUM	\$ 45,800.00	\$ 45,800.00	\$ -	\$ -	\$ -	\$ -
2	Testing and Chlorination of Water Main	1	LSUM	\$ 31,857.10	\$ 31,857.10	\$ -	\$ -	\$ -	\$ -
3	Connect to Ex. Water Main	8	Ea	\$ 7,316.40	\$ 58,531.20	\$ -	\$ -	\$ -	\$ -
4	Existing Valve with Valve Box Abandonment	7	Ea	\$ 532.00	\$ 3,724.00	\$ -	\$ -	\$ -	\$ -
5	Existing Hydrant Removal	2	Ea	\$ 8,019.65	\$ 16,039.30	\$ -	\$ -	\$ -	\$ -
6	Water Main, C909 PVC, 6 inch, TB Detail G, Modified	1375	Ft	\$ 60.15	\$ 82,706.25	\$ -	\$ -	\$ -	\$ -
7	Water Main, C909 PVC, 8 inch, TB Detail G, Modified	925	Ft	\$ 62.16	\$ 57,498.00	\$ -	\$ -	\$ -	\$ -
8	Water Main, 2 inch, Cut and Plug, Modified	2	Ft	\$ 920.02	\$ 1,840.04	\$ -	\$ -	\$ -	\$ -
9	Water Main, 4 inch, Cut and Plug, Modified	4	Ea	\$ 1,549.57	\$ 6,198.28	\$ -	\$ -	\$ -	\$ -
10	Water Main, 6 inch, Cut and Plug, Modified	2	Ea	\$ 2,029.07	\$ 4,058.14	\$ -	\$ -	\$ -	\$ -
11	Gate Valve and Box, 6 inch, Modified	7	Ea	\$ 1,604.23	\$ 11,229.61	\$ -	\$ -	\$ -	\$ -
12	Gate Valve and Box, 8 inch, Modified	4	Ea	\$ 2,715.36	\$ 10,861.44	\$ -	\$ -	\$ -	\$ -
13	Fire Hydrant and Valve Assembly	6	Ea	\$ 7,018.94	\$ 42,113.64	\$ -	\$ -	\$ -	\$ -
14	1 inch Copper Service Lead, Type "K", Modified	970	Ft	\$ 46.21	\$ 44,823.70	\$ -	\$ -	\$ -	\$ -
15	Curb Box, Stop, 3/4 inch Corporation Stop Connection, Modified	33	Ea	\$ 945.51	\$ 31,201.83	\$ -	\$ -	\$ -	\$ -
16	Supply & Install Meter Pit, Complete	7	Ea	\$ 5,691.00	\$ 39,837.00	\$ -	\$ -	\$ -	\$ -
17	Water Meter Pit, Rem	7	Ea	\$ 3,192.00	\$ 22,344.00	\$ -	\$ -	\$ -	\$ -
18	2" Blow-Off and Copper Line to Surface	8	Ea	\$ 605.77	\$ 4,846.16	\$ -	\$ -	\$ -	\$ -
19	Curb and Gutter, Rem	108	Ft	\$ 11.20	\$ 1,209.60	\$ -	\$ -	\$ -	\$ -
20	Sidewalk, Rem	20	Syd	\$ 33.60	\$ 672.00	\$ -	\$ -	\$ -	\$ -
21	Pavt, Rem	480	Syd	\$ 16.80	\$ 8,064.00	\$ -	\$ -	\$ -	\$ -
22	Curb and Gutter, Conc, Det F4, Modified	108	Ft	\$ 43.05	\$ 4,649.40	\$ -	\$ -	\$ -	\$ -
23	Sidewalk, Conc, 4 inch	140	Sft	\$ 9.14	\$ 1,279.60	\$ -	\$ -	\$ -	\$ -
24	Sidewalk, Conc, 6 inch	40	Sft	\$ 10.45	\$ 418.00	\$ -	\$ -	\$ -	\$ -
25	Driveway, Nonreinf Conc, 6 inch	105	Syd	\$ 94.03	\$ 9,873.15	\$ -	\$ -	\$ -	\$ -
26	HMA, Repair	375	Syd	\$ 119.49	\$ 44,808.75	\$ -	\$ -	\$ -	\$ -
27	Approach, CI II, LM	20	Cyd	\$ 67.20	\$ 1,344.00	\$ -	\$ -	\$ -	\$ -
28	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 840.00	\$ 1,680.00	\$ -	\$ -	\$ -	\$ -
29	Erosion Control, Inlet Protection, Fabric Drop	15	Ea	\$ 234.61	\$ 3,519.15	\$ -	\$ -	\$ -	\$ -
30	Sanitary Serv Conflict	10	Ea	\$ 4,531.80	\$ 45,318.00	\$ -	\$ -	\$ -	\$ -
31	Abandoned Gas Main Conflict	10	Ea	\$ 4,794.30	\$ 47,943.00	\$ -	\$ -	\$ -	\$ -
32	Sign, Type III, Rem	10	Ea	\$ 122.57	\$ 1,225.70	\$ -	\$ -	\$ -	\$ -
33	Sign, Type III, Erect, Salv	10	Ea	\$ 164.57	\$ 1,645.70	\$ -	\$ -	\$ -	\$ -
34	Post, Steel, 3 Pound	160	Ft	\$ 94.22	\$ 15,075.20	\$ -	\$ -	\$ -	\$ -
35	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	8	Ea	\$ 217.07	\$ 1,736.56	\$ -	\$ -	\$ -	\$ -
36	Pedestrian Type II Barricade, Temp	6	Ea	\$ 217.07	\$ 1,302.42	\$ -	\$ -	\$ -	\$ -
37	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 610.82	\$ 1,221.64	\$ -	\$ -	\$ -	\$ -
38	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -
39	Plastic Drum, High Intensity, Furn & Oper	25	Ea	\$ 114.17	\$ 2,854.25	\$ -	\$ -	\$ -	\$ -
40	Sign, Type B, Temp, Prismatic, Furn & Oper	300	Sft	\$ 91.07	\$ 27,321.00	\$ -	\$ -	\$ -	\$ -
41	Turf Establishment, Performance	2560	Syd	\$ 6.72	\$ 17,203.20	\$ -	\$ -	\$ -	\$ -
42	Sawcutting	1000	Ft	\$ 5.04	\$ 5,040.00	\$ -	\$ -	\$ -	\$ -
43	Maintenance Gravel	30	Ton	\$ 113.77	\$ 3,413.10	\$ -	\$ -	\$ -	\$ -
44	Culv, Rem, Less than 24 inch	1	Ea	\$ 672.00	\$ 672.00	\$ -	\$ -	\$ -	\$ -
45	Culv, CI E, Conc, 12 inch	50	Ft	\$ 51.05	\$ 2,552.50	\$ -	\$ -	\$ -	\$ -
46	Hand Patching	5	Tons	\$ 739.20	\$ 3,696.00	\$ -	\$ -	\$ -	\$ -
<b>TOTAL BID:</b>				<b>\$</b>	<b>781,247.61</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>