

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/6/2023
DEPT. Engineering

SUBJECT: 2023 Water Main Replacement Project

Page 1 of 6
Road, Storm, & Sanitary Sewer: Items 1-51
(Lee Street Only)

Engineer's Estimate	Glæser-Dawes Corporation 4130 Commerce Drive Flushing, MI 48433 810-487-1560	Rohde Bros. Excavating, Inc. 1240 N Outer Drive Saginaw, MI 48601 989-753-0294
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ITEM #	DESCRIPTION	EST. QTY	UNIT	Engineer's Estimate		Glæser-Dawes Corporation		Rohde Bros. Excavating, Inc.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$13,600 (Road, Storm, and Sanitary)	1	LSUM	\$ 13,600.00	\$ 13,600.00	\$ 13,454.53	\$ 13,454.53	\$ 13,600.00	\$ 13,600.00
2	Stump, Rem, 19 inch to 36 inch	1	Ea	\$ 500.00	\$ 500.00	\$ 150.00	\$ 150.00	\$ 550.00	\$ 550.00
3	Dr Structure, Rem	3	Ea	\$ 400.00	\$ 1,200.00	\$ 270.69	\$ 812.07	\$ 500.00	\$ 1,500.00
4	Sewer, Rem, Less than 24 inch	100	Ft	\$ 5.00	\$ 500.00	\$ 22.24	\$ 2,224.00	\$ 50.00	\$ 5,000.00
5	Curb and Gutter, Rem	189	Ft	\$ 7.00	\$ 1,323.00	\$ 6.27	\$ 1,185.03	\$ 24.00	\$ 4,536.00
6	Pavt, Rem	54	Syd	\$ 8.00	\$ 432.00	\$ 4.99	\$ 269.46	\$ 24.00	\$ 1,296.00
7	Sidewalk, Rem	290	Syd	\$ 8.00	\$ 2,320.00	\$ 4.26	\$ 1,235.40	\$ 24.00	\$ 6,960.00
8	Embankment, CIP	54	Cyd	\$ 12.00	\$ 648.00	\$ 2.80	\$ 151.20	\$ 24.00	\$ 1,296.00
9	Excavation, Earth	283	Cyd	\$ 15.00	\$ 4,245.00	\$ 4.90	\$ 1,386.70	\$ 30.00	\$ 8,490.00
10	Subgrade Undercutting, Type II	25	Cyd	\$ 25.00	\$ 625.00	\$ 58.30	\$ 1,457.50	\$ 50.00	\$ 1,250.00
11	Erosion Control, Inlet Protection, Fabric Drop	6	Ea	\$ 100.00	\$ 600.00	\$ 78.72	\$ 472.32	\$ 120.00	\$ 720.00
12	Subbase, CIP	46	Cyd	\$ 25.00	\$ 1,150.00	\$ 2.80	\$ 128.80	\$ 30.00	\$ 1,380.00
13	Aggregate Base, 4 inch, Modified	61	Syd	\$ 10.00	\$ 610.00	\$ 11.99	\$ 731.39	\$ 15.00	\$ 915.00
14	Aggregate Base, 8 inch, Modified	1,273	Syd	\$ 14.00	\$ 17,822.00	\$ 26.93	\$ 34,281.89	\$ 20.00	\$ 25,460.00
15	Maintenance Gravel	25	Ton	\$ 30.00	\$ 750.00	\$ 27.02	\$ 675.50	\$ 40.00	\$ 1,000.00
16	Approach, CI II, LM	15	Cyd	\$ 50.00	\$ 750.00	\$ 13.16	\$ 197.40	\$ 60.00	\$ 900.00
17	Geotextile, Separator, Modified	1334	Syd	\$ 2.00	\$ 2,668.00	\$ 1.89	\$ 2,521.26	\$ 3.00	\$ 4,002.00
18	Sewer, SDR-26, 4 inch, Tr Det B, Modified	21	Ft	\$ 45.00	\$ 945.00	\$ 54.97	\$ 1,154.37	\$ 110.00	\$ 2,310.00
19	Sewer, SDR-26, 8 inch, Tr Det B, Modified	49	Ft	\$ 55.00	\$ 2,695.00	\$ 87.60	\$ 4,292.40	\$ 120.00	\$ 5,880.00
20	Sewer, SDR-26, 10 inch, Tr Det B, Modified	70	Ft	\$ 60.00	\$ 4,200.00	\$ 76.98	\$ 5,388.60	\$ 128.00	\$ 8,960.00
21	Sanitary Serv Conflict	2	Ea	\$ 1,350.00	\$ 2,700.00	\$ 1,463.99	\$ 2,927.98	\$ 1,200.00	\$ 2,400.00
22	Abandon Gas Main Conflict	2	Ea	\$ 500.00	\$ 1,000.00	\$ 251.80	\$ 503.60	\$ 400.00	\$ 800.00
23	Dr Structure Cover, Adj, Case 1	2	Ea	\$ 500.00	\$ 1,000.00	\$ 580.54	\$ 1,161.08	\$ 1,600.00	\$ 3,200.00
24	Dr Structure Tap, 10 inch	1	Ea	\$ 1,000.00	\$ 1,000.00	\$ 925.32	\$ 925.32	\$ 1,500.00	\$ 1,500.00
25	Dr Structure Cover, EJ 7000	2	Ea	\$ 750.00	\$ 1,500.00	\$ 1,000.81	\$ 2,001.62	\$ 1,050.00	\$ 2,100.00
26	Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	2	Ea	\$ 700.00	\$ 1,400.00	\$ 736.32	\$ 1,472.64	\$ 800.00	\$ 1,600.00
27	Dr Structure Cover, EJ 1040 w/ Vented Gasket Sealed Cover	1	Ea	\$ 700.00	\$ 700.00	\$ 736.32	\$ 736.32	\$ 800.00	\$ 800.00
28	Dr Structure 36 inch dia, Modified	2	Ea	\$ 1,500.00	\$ 3,000.00	\$ 1,138.22	\$ 2,276.44	\$ 2,500.00	\$ 5,000.00
29	Dr Structure 48 inch dia, Sanitary, Modified	1	Ea	\$ 2,000.00	\$ 2,000.00	\$ 3,110.56	\$ 3,110.56	\$ 5,500.00	\$ 5,500.00
30	Dr Structure, Temp Lowering	1	Ea	\$ 225.00	\$ 225.00	\$ 305.43	\$ 305.43	\$ 300.00	\$ 300.00
31	HMA Surface, Rem	1255	Syd	\$ 3.00	\$ 3,765.00	\$ 5.41	\$ 6,789.55	\$ 15.00	\$ 18,825.00
32	Hand Patching	10	Ton	\$ 130.00	\$ 1,300.00	\$ 164.00	\$ 1,640.00	\$ 240.00	\$ 2,400.00
33	HMA, 3EML	231	Ton	\$ 100.00	\$ 23,100.00	\$ 125.00	\$ 28,875.00	\$ 131.00	\$ 30,261.00
34	HMA, 5EML	115	Ton	\$ 125.00	\$ 14,375.00	\$ 167.00	\$ 19,205.00	\$ 165.00	\$ 18,975.00
35	Cement	2	Ton	\$ 200.00	\$ 400.00	\$ 225.00	\$ 450.00	\$ 55.00	\$ 110.00
36	Driveway, Nonreinf Conc, 6 inch	59	Syd	\$ 45.00	\$ 2,655.00	\$ 55.00	\$ 3,245.00	\$ 40.00	\$ 2,360.00
37	Curb and Gutter, Conc, Det F4, Modified	181	Ft	\$ 20.00	\$ 3,620.00	\$ 24.00	\$ 4,344.00	\$ 30.00	\$ 5,430.00
38	Detectable Warning Surface, Modified	20	Ft	\$ 75.00	\$ 1,500.00	\$ 72.00	\$ 1,440.00	\$ 73.00	\$ 1,460.00
39	Curb Ramp Opening, Conc	28	Ft	\$ 25.00	\$ 700.00	\$ 24.00	\$ 672.00	\$ 30.00	\$ 840.00
40	Sidewalk, Conc, 4 inch	2311	Sft	\$ 4.00	\$ 9,244.00	\$ 5.55	\$ 12,826.05	\$ 6.00	\$ 13,866.00
41	Sidewalk, Conc, 6 inch	344	Sft	\$ 5.00	\$ 1,720.00	\$ 6.00	\$ 2,064.00	\$ 7.00	\$ 2,408.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/6/2023
 DEPT. Engineering

SUBJECT: 2023 Water Main Replacement Project

Page 2 of 6
 Road, Storm, & Sanitary Sewer: Items 1-51
 (Lee Street Only)

Engineer's Estimate	Glaeser-Dawes Corporation 4130 Commerce Drive Flushing, MI 48433 810-487-1560	Rohde Bros. Excavating, Inc. 1240 N Outer Drive Saginaw, MI 48601 989-753-0294
TOTAL ROAD, STORM, & SANITARY	\$ 148,695.00	\$ 233,457.00

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Curb Ramp, Conc, 4 inch	322	Sft	\$ 6.50	\$ 2,093.00	\$ 7.00	\$ 2,254.00	\$ 8.00	\$ 2,576.00
43	Curb Ramp, Conc, 7 inch	174	Sft	\$ 7.50	\$ 1,305.00	\$ 8.00	\$ 1,392.00	\$ 9.00	\$ 1,566.00
44	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	4	Ea	\$ 100.00	\$ 400.00	\$ 40.00	\$ 160.00	\$ 95.00	\$ 380.00
45	Minor Traf Devices, Max \$5,000	1	LSUM	\$ 5,000.00	\$ 5,000.00	\$ 1,200.00	\$ 1,200.00	\$ 5,000.00	\$ 5,000.00
46	Plastic Drum, High Intensity, Furn & Oper	15	Ea	\$ 20.00	\$ 300.00	\$ 20.00	\$ 300.00	\$ 21.00	\$ 315.00
47	Sign, Type B, Temp, Prismatic, Furn & Oper	130	Sft	\$ 5.00	\$ 650.00	\$ 3.00	\$ 390.00	\$ 4.00	\$ 520.00
48	Pedestrian Type II Barricade, Temp	10	Ea	\$ 125.00	\$ 1,250.00	\$ 65.00	\$ 650.00	\$ 66.00	\$ 660.00
49	Turf Establishment, Performance	500	Syd	\$ 6.00	\$ 3,000.00	\$ 12.54	\$ 6,270.00	\$ 12.00	\$ 6,000.00
50	Sign, Type III, Erect, Salv	2	Ea	\$ 60.00	\$ 120.00	\$ 75.00	\$ 150.00	\$ 75.00	\$ 150.00
51	Sign, Type III, Rem	2	Ea	\$ 45.00	\$ 90.00	\$ 75.00	\$ 150.00	\$ 75.00	\$ 150.00
TOTAL ROAD, STORM, & SANITARY					\$ 148,695.00	\$ 182,057.41	\$ 233,457.00		

Water Main Items: 101-152

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
101	Mobilization, Max \$67,900 (Water Main)	1	LSUM	\$ 67,900.00	\$ 67,900.00	\$ 47,894.00	\$ 47,894.00	\$ 67,900.00	\$ 67,900.00
102	Testing and Chlorination of Water Main	1	LSUM	\$ 7,000.00	\$ 7,000.00	\$ 3,880.41	\$ 3,880.41	\$ 25,000.00	\$ 25,000.00
103	Connect to Existing Water Main	16	Ea	\$ 3,200.00	\$ 51,200.00	\$ 3,637.40	\$ 58,198.40	\$ 5,000.00	\$ 80,000.00
104	Water Main, Rem	1,190	Ft	\$ 10.00	\$ 11,900.00	\$ 6.43	\$ 7,651.70	\$ 20.00	\$ 23,800.00
105	Existing Valve with Valve Box Abandonment	5	Ea	\$ 250.00	\$ 1,250.00	\$ 227.28	\$ 1,136.40	\$ 800.00	\$ 4,000.00
106	Existing Valve with Valve Box Removal	1	Ea	\$ 500.00	\$ 500.00	\$ 227.29	\$ 227.29	\$ 800.00	\$ 800.00
107	Water Main, C909 PVC, 6 inch, Tr Det G, Modified	1562	Ft	\$ 65.00	\$ 101,530.00	\$ 64.21	\$ 100,296.02	\$ 124.00	\$ 193,688.00
108	Water Main, C909 PVC, 8 inch, Tr Det G, Modified	20	Ft	\$ 75.00	\$ 1,500.00	\$ 79.93	\$ 1,598.60	\$ 144.00	\$ 2,880.00
109	Water Main, C900 PVC, 6 inch, Bore	932	Ft	\$ 95.00	\$ 88,540.00	\$ 83.59	\$ 77,905.88	\$ 154.00	\$ 143,528.00
110	Water Main, 4 inch, Cut and Plug, Modified	4	Ea	\$ 500.00	\$ 2,000.00	\$ 738.59	\$ 2,954.36	\$ 2,800.00	\$ 11,200.00
111	Water Main, 6 inch, Cut and Plug, Modified	1	Ea	\$ 600.00	\$ 600.00	\$ 801.34	\$ 801.34	\$ 2,800.00	\$ 2,800.00
112	Gate Valve and Box, 6 inch, Modified	7	Ea	\$ 1,500.00	\$ 10,500.00	\$ 1,677.29	\$ 11,741.03	\$ 1,800.00	\$ 12,600.00
113	Gate Valve and Box, 8 inch, Modified	2	Ea	\$ 2,000.00	\$ 4,000.00	\$ 2,328.85	\$ 4,657.70	\$ 2,200.00	\$ 4,400.00
114	Fire Hydrant Valve and Assembly	6	Ea	\$ 6,000.00	\$ 36,000.00	\$ 6,439.42	\$ 38,636.52	\$ 6,500.00	\$ 39,000.00
115	1 inch Copper Service Lead, Type "K", Modified	1,290	Ft	\$ 50.00	\$ 64,500.00	\$ 47.44	\$ 61,197.60	\$ 20.00	\$ 25,800.00
116	Curb Box, Stop, 1 inch, Corporation Stop and Connection, Modified	38	Ea	\$ 1,200.00	\$ 45,600.00	\$ 1,470.40	\$ 55,875.20	\$ 3,500.00	\$ 133,000.00
117	Supply & Install Meter Pit, Complete	12	Ea	\$ 1,000.00	\$ 12,000.00	\$ 444.27	\$ 5,331.24	\$ 800.00	\$ 9,600.00
118	Water Meter Pit, Rem	12	Ea	\$ 500.00	\$ 6,000.00	\$ 75.23	\$ 902.76	\$ 400.00	\$ 4,800.00
119	Water Main, C906 HDPE, 2 inch, Temporary Bypass	1,400	Ft	\$ 40.00	\$ 56,000.00	\$ 16.13	\$ 22,582.00	\$ 30.00	\$ 42,000.00
120	Curb and Gutter, Rem	70	Ft	\$ 7.00	\$ 490.00	\$ 6.26	\$ 438.20	\$ 24.00	\$ 1,680.00
121	Sidewalk, Rem	268	Syd	\$ 8.00	\$ 2,144.00	\$ 4.26	\$ 1,141.68	\$ 24.00	\$ 6,432.00
122	Pavt, Rem	1745	Syd	\$ 8.00	\$ 13,960.00	\$ 5.57	\$ 9,719.65	\$ 24.00	\$ 41,880.00
123	Curb and Gutter, Conc, Det F4, Modified	70	Ft	\$ 45.00	\$ 3,150.00	\$ 24.00	\$ 1,680.00	\$ 30.00	\$ 2,100.00
124	Detectable Warning Surface, Modified	20	Ft	\$ 75.00	\$ 1,500.00	\$ 72.00	\$ 1,440.00	\$ 73.00	\$ 1,460.00
125	Curb Ramp Opening, Conc	28	Ft	\$ 25.00	\$ 700.00	\$ 24.00	\$ 672.00	\$ 30.00	\$ 840.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/6/2023
DEPT. Engineering

SUBJECT: 2023 Water Main Replacement Project

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Water Main Items: 101-152

			Engineer's Estimate		Glaeser-Dawes Corporation 4130 Commerce Drive Flushing, MI 48433 810-487-1560		Rohde Bros. Excavating, Inc. 1240 N Outer Drive Saginaw, MI 48601 989-753-0294		
126	Curb Ramp, Conc, 4 inch	400	Sft	\$ 6.50	\$ 2,600.00	\$ 7.00	\$ 2,800.00	\$ 7.00	\$ 2,800.00
127	Curb Ramp, Conc, 7 inch	168	Sft	\$ 7.50	\$ 1,260.00	\$ 8.00	\$ 1,344.00	\$ 9.00	\$ 1,512.00
128	Sidewalk, Conc, 4 inch	1,789	Sft	\$ 4.00	\$ 7,156.00	\$ 5.55	\$ 9,928.95	\$ 6.00	\$ 10,734.00
129	Sidewalk, Conc, 6 inch	475	Sft	\$ 5.00	\$ 2,375.00	\$ 6.00	\$ 2,850.00	\$ 7.00	\$ 3,325.00
130	Driveway, Nonreinf Conc, 6 inch	30	Syd	\$ 45.00	\$ 1,350.00	\$ 55.00	\$ 1,650.00	\$ 40.00	\$ 1,200.00
131	Aggregate Base, 8 inch, Modified	1710	Syd	\$ 14.00	\$ 23,940.00	\$ 12.57	\$ 21,494.70	\$ 18.00	\$ 30,780.00
132	Dr Structure Cover, Adj, Case 1	3	Ea	\$ 500.00	\$ 1,500.00	\$ 305.43	\$ 916.29	\$ 1,200.00	\$ 3,600.00
133	Dr Structure Cover, Type EJ 1040 w/ Solid Gasket Sealed Cover	2	Ea	\$ 700.00	\$ 1,400.00	\$ 736.32	\$ 1,472.64	\$ 800.00	\$ 1,600.00
134	Dr Structure Cover, Type EJ 1040 w/ Type M1 Grate	1	Ea	\$ 700.00	\$ 700.00	\$ 719.72	\$ 719.72	\$ 800.00	\$ 800.00
135	HMA, 13A	606	Ton	\$ 100.00	\$ 60,600.00	\$ 157.00	\$ 95,142.00	\$ 145.00	\$ 87,870.00
136	HMA Approach	5	Ton	\$ 150.00	\$ 750.00	\$ 247.00	\$ 1,235.00	\$ 155.00	\$ 775.00
137	Approach, CI II, LM	62	Cyd	\$ 50.00	\$ 3,100.00	\$ 26.92	\$ 1,669.04	\$ 16.00	\$ 992.00
138	Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00
139	Erosion Control, Inlet Protection, Fabric Drop	16	Ea	\$ 100.00	\$ 1,600.00	\$ 78.72	\$ 1,259.52	\$ 120.00	\$ 1,920.00
140	Sanitary Serv Conflict	10	Ea	\$ 1,350.00	\$ 13,500.00	\$ 1,187.23	\$ 11,872.30	\$ 1,200.00	\$ 12,000.00
141	Abandoned Gas Main Conflict	10	Ea	\$ 500.00	\$ 5,000.00	\$ 264.02	\$ 2,640.20	\$ 400.00	\$ 4,000.00
142	Sign, Type III, Rem	10	Ea	\$ 45.00	\$ 450.00	\$ 75.00	\$ 750.00	\$ 76.00	\$ 760.00
143	Sign, Type III, Erect, Salv	10	Ea	\$ 60.00	\$ 600.00	\$ 75.00	\$ 750.00	\$ 76.00	\$ 760.00
144	Post, Steel, 3 lb	160	Ft	\$ 8.00	\$ 1,280.00	\$ 7.00	\$ 1,120.00	\$ 8.00	\$ 1,280.00
145	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	6	Ea	\$ 100.00	\$ 600.00	\$ 40.00	\$ 240.00	\$ 84.00	\$ 504.00
146	Pedestrian Type II Barricade, Temp	10	Ea	\$ 125.00	\$ 1,250.00	\$ 65.00	\$ 650.00	\$ 70.00	\$ 700.00
147	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 500.00	\$ 1,000.00	\$ 200.00	\$ 400.00	\$ 700.00	\$ 1,400.00
148	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 1,800.00	\$ 1,800.00	\$ 10,000.00	\$ 10,000.00
149	Plastic Drum, High Intensity, Furn & Oper	25	Ea	\$ 20.00	\$ 500.00	\$ 20.00	\$ 500.00	\$ 22.00	\$ 550.00
150	Sign, Type B, Temp, Prismatic, Furn & Oper	254	Ea	\$ 5.00	\$ 1,270.00	\$ 3.00	\$ 762.00	\$ 3.00	\$ 762.00
151	Turf Establishment, Performance	1440	Syd	\$ 6.000	\$ 8,640.00	\$ 12.54	\$ 18,057.60	\$ 12.00	\$ 17,280.00
152	Maintenance Gravel	30	Ton	\$ 30.00	\$ 900.00	\$ 27.00	\$ 810.00	\$ 30.00	\$ 900.00
TOTAL WATER MAIN				\$	746,285.00	\$	701,893.94	\$	1,080,992.00
GRAND TOTAL				\$	894,980.00	\$	883,951.35	\$	1,314,449.00

DEPT. HEAD: Clayton Wehner
PURCH. AGENT: [Signature] 1/20/23
STAFF REC.: Glaeser-Dawes Corporation

GENERAL LIABILITY INSURANCE 5/6/2023
EXPIRATION DATE: _____
WORKERS COMPENSATION INSURANCE 5/6/2023
EXPIRATION DATE: _____
SOLE PROPRIETORSHIP N/A
EXPIRATION DATE: _____

AWARDED: _____
COUNCIL APPROVED: _____
PO NUMBER: _____

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/6/2023

DEPT. Engineering

SUBJECT: 2023 Water Main Replacement Project

Page 4 of 6
Road, Storm, & Sanitary Sewer: Items 1-51
(Lee Street Only)

Champagne and Marx Excavating, Inc
1445 Liberty Road
Saginaw, MI 48604
989-755-8971

Fessler & Bowman, Inc.
4099 Eagles Nest Ct.
Flushing, MI 48433
810-733-1313

Scarlett Excavating, Inc
16486 Grove Road
Lansing, MI 48906
517-699-4190

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max \$13,600 (Road, Storm, and Sanitary)	1	LSUM	\$ 13,129.72	\$ 13,129.72	\$ 13,600.00	\$ 13,600.00	\$ 13,600.00	\$ 13,600.00
2	Stump, Rem, 19 inch to 36 inch	1	Ea	\$ 3,299.49	\$ 3,299.49	\$ 850.00	\$ 850.00	\$ 1,200.00	\$ 1,200.00
3	Dr Structure, Rem	3	Ea	\$ 1,930.84	\$ 5,792.52	\$ 1,000.00	\$ 3,000.00	\$ 500.00	\$ 1,500.00
4	Sewer, Rem, Less than 24 inch	100	Ft	\$ 33.30	\$ 3,330.00	\$ 41.00	\$ 4,100.00	\$ 25.00	\$ 2,500.00
5	Curb and Gutter, Rem	189	Ft	\$ 7.96	\$ 1,504.44	\$ 16.00	\$ 3,024.00	\$ 10.00	\$ 1,890.00
6	Pavt, Rem	54	Syd	\$ 31.17	\$ 1,683.18	\$ 16.00	\$ 864.00	\$ 10.00	\$ 540.00
7	Sidewalk, Rem	290	Syd	\$ 7.27	\$ 2,108.30	\$ 16.00	\$ 4,640.00	\$ 10.00	\$ 2,900.00
8	Embankment, CIP	54	Cyd	\$ 75.06	\$ 4,053.24	\$ 10.00	\$ 540.00	\$ 50.00	\$ 2,700.00
9	Excavation, Earth	283	Cyd	\$ 25.57	\$ 7,236.31	\$ 35.00	\$ 9,905.00	\$ 25.00	\$ 7,075.00
10	Subgrade Undercutting, Type II	25	Cyd	\$ 106.56	\$ 2,664.00	\$ 57.00	\$ 1,425.00	\$ 30.00	\$ 750.00
11	Erosion Control, Inlet Protection, Fabric Drop	6	Ea	\$ 202.78	\$ 1,216.68	\$ 155.00	\$ 930.00	\$ 150.00	\$ 900.00
12	Subbase, CIP	46	Cyd	\$ 61.48	\$ 2,828.08	\$ 58.50	\$ 2,691.00	\$ 20.00	\$ 920.00
13	Aggregate Base, 4 inch, Modified	61	Syd	\$ 27.49	\$ 1,676.89	\$ 17.00	\$ 1,037.00	\$ 10.00	\$ 610.00
14	Aggregate Base, 8 inch, Modified	1,273	Syd	\$ 29.37	\$ 37,388.01	\$ 22.00	\$ 28,006.00	\$ 16.00	\$ 20,368.00
15	Maintenance Gravel	25	Ton	\$ 66.75	\$ 1,668.75	\$ 65.00	\$ 1,625.00	\$ 30.00	\$ 750.00
16	Approach, CI II, LM	15	Cyd	\$ 232.64	\$ 3,489.60	\$ 125.00	\$ 1,875.00	\$ 40.00	\$ 600.00
17	Geotextile, Separator, Modified	1334	Syd	\$ 1.34	\$ 1,787.56	\$ 3.50	\$ 4,669.00	\$ 5.00	\$ 6,670.00
18	Sewer, SDR-26, 4 inch, Tr Det B, Modified	21	Ft	\$ 118.58	\$ 2,490.18	\$ 95.00	\$ 1,995.00	\$ 210.00	\$ 4,410.00
19	Sewer, SDR-26, 8 inch, Tr Det B, Modified	49	Ft	\$ 109.95	\$ 5,387.55	\$ 120.00	\$ 5,880.00	\$ 255.00	\$ 12,495.00
20	Sewer, SDR-26, 10 inch, Tr Det B, Modified	70	Ft	\$ 117.85	\$ 8,249.50	\$ 120.00	\$ 8,400.00	\$ 285.00	\$ 19,950.00
21	Sanitary Serv Conflict	2	Ea	\$ 6,087.45	\$ 12,174.90	\$ 1,945.00	\$ 3,890.00	\$ 250.00	\$ 500.00
22	Abandon Gas Main Conflict	2	Ea	\$ 2,620.56	\$ 5,241.12	\$ 510.00	\$ 1,020.00	\$ 250.00	\$ 500.00
23	Dr Structure Cover, Adj, Case 1	2	Ea	\$ 939.37	\$ 1,878.74	\$ 800.00	\$ 1,600.00	\$ 1,500.00	\$ 3,000.00
24	Dr Structure Tap, 10 inch	1	Ea	\$ 923.06	\$ 923.06	\$ 600.00	\$ 600.00	\$ 3,500.00	\$ 3,500.00
25	Dr Structure Cover, EJ 7000	2	Ea	\$ 1,028.05	\$ 2,056.10	\$ 1,500.00	\$ 3,000.00	\$ 800.00	\$ 1,600.00
26	Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	2	Ea	\$ 910.39	\$ 1,820.78	\$ 1,400.00	\$ 2,800.00	\$ 750.00	\$ 1,500.00
27	Dr Structure Cover, EJ 1040 w/ Vented Gasket Sealed Cover	1	Ea	\$ 851.56	\$ 851.56	\$ 1,350.00	\$ 1,350.00	\$ 750.00	\$ 750.00
28	Dr Structure 36 inch dia, Modified	2	Ea	\$ 2,610.87	\$ 5,221.74	\$ 3,000.00	\$ 6,000.00	\$ 4,000.00	\$ 8,000.00
29	Dr Structure 48 inch dia, Sanitary, Modified	1	Ea	\$ 5,810.02	\$ 5,810.02	\$ 5,000.00	\$ 5,000.00	\$ 8,500.00	\$ 8,500.00
30	Dr Structure, Temp Lowering	1	Ea	\$ 1,205.58	\$ 1,205.58	\$ 775.00	\$ 775.00	\$ 3,500.00	\$ 3,500.00
31	HMA Surface, Rem	1255	Syd	\$ 7.44	\$ 9,337.20	\$ 13.00	\$ 16,315.00	\$ 8.50	\$ 10,667.50
32	Hand Patching	10	Ton	\$ 182.04	\$ 1,820.40	\$ 182.00	\$ 1,820.00	\$ 250.00	\$ 2,500.00
33	HMA, 3EML	231	Ton	\$ 138.75	\$ 32,051.25	\$ 140.00	\$ 32,340.00	\$ 200.00	\$ 46,200.00
34	HMA, 5EML	115	Ton	\$ 185.37	\$ 21,317.55	\$ 190.00	\$ 21,850.00	\$ 200.00	\$ 23,000.00
35	Cement	2	Ton	\$ 249.75	\$ 499.50	\$ 56.00	\$ 112.00	\$ 200.00	\$ 400.00
36	Driveway, Nonreinf Conc, 6 inch	59	Syd	\$ 54.94	\$ 3,241.46	\$ 38.00	\$ 2,242.00	\$ 60.00	\$ 3,540.00
37	Curb and Gutter, Conc, Det F4, Modified	181	Ft	\$ 26.64	\$ 4,821.84	\$ 30.00	\$ 5,430.00	\$ 37.00	\$ 6,697.00
38	Detectable Warning Surface, Modified	20	Ft	\$ 79.92	\$ 1,598.40	\$ 80.00	\$ 1,600.00	\$ 100.00	\$ 2,000.00
39	Curb Ramp Opening, Conc	28	Ft	\$ 26.64	\$ 745.92	\$ 30.00	\$ 840.00	\$ 37.00	\$ 1,036.00
40	Sidewalk, Conc, 4 inch	2311	Sft	\$ 5.05	\$ 11,670.55	\$ 4.00	\$ 9,244.00	\$ 7.25	\$ 16,754.75
41	Sidewalk, Conc, 6 inch	344	Sft	\$ 6.10	\$ 2,098.40	\$ 4.50	\$ 1,548.00	\$ 8.75	\$ 3,010.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/6/2023
DEPT. Engineering

SUBJECT: 2023 Water Main Replacement Project

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Road, Storm, & Sanitary Sewer: Items 1-51
(Lee Street Only)

Champagne and Marx Excavating, Inc 1445 Liberty Road Saginaw, MI 48604 989-755-8971	Fessler & Bowman, Inc. 4099 Eagles Nest Ct. Flushing, MI 48433 810-733-1313	Scarlett Excavating, Inc 16486 Grove Road Lansing, MI 48906 517-699-4190
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ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Curb Ramp, Conc, 4 inch	322	Sft	\$ 7.21	\$ 2,321.62	\$ 6.00	\$ 1,932.00	\$ 7.25	\$ 2,334.50
43	Curb Ramp, Conc, 7 inch	174	Sft	\$ 8.32	\$ 1,447.68	\$ 7.00	\$ 1,218.00	\$ 8.75	\$ 1,522.50
44	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	4	Ea	\$ 99.90	\$ 399.60	\$ 100.00	\$ 400.00	\$ 125.00	\$ 500.00
45	Minor Traf Devices, Max \$5,000	1	LSUM	\$ 4,447.54	\$ 4,447.54	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
46	Plastic Drum, High Intensity, Furn & Oper	15	Ea	\$ 22.20	\$ 333.00	\$ 25.00	\$ 375.00	\$ 30.00	\$ 450.00
47	Sign, Type B, Temp, Prismatic, Furn & Oper	130	Sft	\$ 3.33	\$ 432.90	\$ 3.50	\$ 455.00	\$ 10.00	\$ 1,300.00
48	Pedestrian Type II Barricade, Temp	10	Ea	\$ 72.15	\$ 721.50	\$ 75.00	\$ 750.00	\$ 50.00	\$ 500.00
49	Turf Establishment, Performance	500	Syd	\$ 14.69	\$ 7,345.00	\$ 13.00	\$ 6,500.00	\$ 15.00	\$ 7,500.00
50	Sign, Type III, Erect, Salv	2	Ea	\$ 83.25	\$ 166.50	\$ 100.00	\$ 200.00	\$ 200.00	\$ 400.00
51	Sign, Type III, Rem	2	Ea	\$ 83.25	\$ 166.50	\$ 100.00	\$ 200.00	\$ 200.00	\$ 400.00
TOTAL ROAD, STORM, & SANITARY					\$ 255,151.91		\$ 235,462.00		\$ 269,390.25

Water Main Items: 101-152

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
101	Mobilization, Max \$67,900 (Water Main)	1	LSUM	\$ 65,143.61	\$ 65,143.61	\$ 67,900.00	\$ 67,900.00	\$ 67,900.00	\$ 67,900.00
102	Testing and Chlorination of Water Main	1	LSUM	\$ 5,660.22	\$ 5,660.22	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
103	Connect to Existing Water Main	16	Ea	\$ 5,551.36	\$ 88,821.76	\$ 10,000.00	\$ 160,000.00	\$ 6,000.00	\$ 96,000.00
104	Water Main, Rem	1,190	Ft	\$ 70.55	\$ 83,954.50	\$ 40.00	\$ 47,600.00	\$ 25.00	\$ 29,750.00
105	Existing Valve with Valve Box Abandonment	5	Ea	\$ 564.26	\$ 2,821.30	\$ 380.00	\$ 1,900.00	\$ 350.00	\$ 1,750.00
106	Existing Valve with Valve Box Removal	1	Ea	\$ 2,257.02	\$ 2,257.02	\$ 39.00	\$ 39.00	\$ 850.00	\$ 850.00
107	Water Main, C909 PVC, 6 inch, Tr Det G, Modified	1562	Ft	\$ 122.22	\$ 190,907.64	\$ 112.00	\$ 174,944.00	\$ 185.00	\$ 288,970.00
108	Water Main, C909 PVC, 8 inch, Tr Det G, Modified	20	Ft	\$ 154.16	\$ 3,083.20	\$ 146.00	\$ 2,920.00	\$ 250.00	\$ 5,000.00
109	Water Main, C900 PVC, 6 inch, Bore	932	Ft	\$ 111.96	\$ 104,346.72	\$ 190.00	\$ 177,080.00	\$ 225.00	\$ 209,700.00
110	Water Main, 4 inch, Cut and Plug, Modified	4	Ea	\$ 3,032.36	\$ 12,129.44	\$ 2,085.00	\$ 8,340.00	\$ 1,500.00	\$ 6,000.00
111	Water Main, 6 inch, Cut and Plug, Modified	1	Ea	\$ 2,679.39	\$ 2,679.39	\$ 2,155.00	\$ 2,155.00	\$ 2,000.00	\$ 2,000.00
112	Gate Valve and Box, 6 inch, Modified	7	Ea	\$ 1,984.90	\$ 13,894.30	\$ 3,010.00	\$ 21,070.00	\$ 2,000.00	\$ 14,000.00
113	Gate Valve and Box, 8 inch, Modified	2	Ea	\$ 2,681.44	\$ 5,362.88	\$ 3,770.00	\$ 7,540.00	\$ 2,750.00	\$ 5,500.00
114	Fire Hydrant Valve and Assembly	6	Ea	\$ 8,311.70	\$ 49,870.20	\$ 8,050.00	\$ 48,300.00	\$ 7,500.00	\$ 45,000.00
115	1 inch Copper Service Lead, Type "K", Modified	1,290	Ft	\$ 53.51	\$ 69,027.90	\$ 100.00	\$ 129,000.00	\$ 85.00	\$ 109,650.00
116	Curb Box, Stop, 1 inch, Corporation Stop and Connection, Modified	38	Ea	\$ 1,717.98	\$ 65,283.24	\$ 1,460.00	\$ 55,480.00	\$ 1,250.00	\$ 47,500.00
117	Supply & Install Meter Pit, Complete	12	Ea	\$ 2,022.57	\$ 24,270.84	\$ 4,425.00	\$ 53,100.00	\$ 3,500.00	\$ 42,000.00
118	Water Meter Pit, Rem	12	Ea	\$ 1,128.51	\$ 13,542.12	\$ 1,625.00	\$ 19,500.00	\$ 500.00	\$ 6,000.00
119	Water Main, C906 HDPE, 2 inch, Temporary Bypass	1,400	Ft	\$ 59.99	\$ 83,986.00	\$ 56.00	\$ 78,400.00	\$ 75.00	\$ 105,000.00
120	Curb and Gutter, Rem	70	Ft	\$ 13.32	\$ 932.40	\$ 16.00	\$ 1,120.00	\$ 15.00	\$ 1,050.00
121	Sidewalk, Rem	268	Syd	\$ 9.05	\$ 2,425.40	\$ 22.00	\$ 5,896.00	\$ 10.00	\$ 2,680.00
122	Pavt, Rem	1745	Syd	\$ 7.79	\$ 13,593.55	\$ 14.00	\$ 24,430.00	\$ 8.00	\$ 13,960.00
123	Curb and Gutter, Conc, Det F4, Modified	70	Ft	\$ 26.64	\$ 1,864.80	\$ 34.00	\$ 2,380.00	\$ 40.00	\$ 2,800.00
124	Detectable Warning Surface, Modified	20	Ft	\$ 79.92	\$ 1,598.40	\$ 83.00	\$ 1,660.00	\$ 100.00	\$ 2,000.00
125	Curb Ramp Opening, Conc	28	Ft	\$ 26.64	\$ 745.92	\$ 34.00	\$ 952.00	\$ 8.00	\$ 224.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/6/2023
 DEPT. Engineering

SUBJECT: 2023 Water Main Replacement Project

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 Water Main Items: 101-152

			Champagne and Marx Excavating, Inc 1445 Liberty Road Saginaw, MI 48604 989-755-8971		Fessler & Bowman, Inc. 4099 Eagles Nest Ct. Flushing, MI 48433 810-733-1313		Scarlett Excavating, Inc 16486 Grove Road Lansing, MI 48906 517-699-4190		
126	Curb Ramp, Conc, 4 inch	400	Sft	\$ 7.21	\$ 2,884.00	\$ 7.00	\$ 2,800.00	\$ 7.00	\$ 2,800.00
127	Curb Ramp, Conc, 7 inch	168	Sft	\$ 8.32	\$ 1,397.76	\$ 8.00	\$ 1,344.00	\$ 8.50	\$ 1,428.00
128	Sidewalk, Conc, 4 inch	1,789	Sft	\$ 5.05	\$ 9,034.45	\$ 6.00	\$ 10,734.00	\$ 7.00	\$ 12,523.00
129	Sidewalk, Conc, 6 inch	475	Sft	\$ 6.10	\$ 2,897.50	\$ 7.00	\$ 3,325.00	\$ 8.50	\$ 4,037.50
130	Driveway, Nonreinf Conc, 6 inch	30	Syd	\$ 54.94	\$ 1,648.20	\$ 44.00	\$ 1,320.00	\$ 50.00	\$ 1,500.00
131	Aggregate Base, 8 inch, Modified	1710	Syd	\$ 22.36	\$ 38,235.60	\$ 23.00	\$ 39,330.00	\$ 20.00	\$ 34,200.00
132	Dr Structure Cover, Adj, Case 1	3	Ea	\$ 939.37	\$ 2,818.11	\$ 775.00	\$ 2,325.00	\$ 750.00	\$ 2,250.00
133	Dr Structure Cover, Type EJ 1040 w/ Solid Gasket Sealed Cover	2	Ea	\$ 910.39	\$ 1,820.78	\$ 1,400.00	\$ 2,800.00	\$ 700.00	\$ 1,400.00
134	Dr Structure Cover, Type EJ 1040 w/ Type M1 Grate	1	Ea	\$ 910.39	\$ 910.39	\$ 1,350.00	\$ 1,350.00	\$ 700.00	\$ 700.00
135	HMA, 13A	606	Ton	\$ 174.27	\$ 105,607.62	\$ 174.00	\$ 105,444.00	\$ 185.00	\$ 112,110.00
136	HMA Approach	5	Ton	\$ 274.17	\$ 1,370.85	\$ 274.00	\$ 1,370.00	\$ 200.00	\$ 1,000.00
137	Approach, CI II, LM	62	Cyd	\$ 152.98	\$ 9,484.76	\$ 140.00	\$ 8,680.00	\$ 45.00	\$ 2,790.00
138	Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 1,527.54	\$ 1,527.54	\$ 1,000.00	\$ 1,000.00	\$ 450.00	\$ 450.00
139	Erosion Control, Inlet Protection, Fabric Drop	16	Ea	\$ 202.78	\$ 3,244.48	\$ 155.00	\$ 2,480.00	\$ 150.00	\$ 2,400.00
140	Sanitary Serv Conflict	10	Ea	\$ 5,734.47	\$ 57,344.70	\$ 1,945.00	\$ 19,450.00	\$ 1,500.00	\$ 15,000.00
141	Abandoned Gas Main Conflict	10	Ea	\$ 2,620.56	\$ 26,205.60	\$ 510.00	\$ 5,100.00	\$ 50.00	\$ 500.00
142	Sign, Type III, Rem	10	Ea	\$ 83.25	\$ 832.50	\$ 100.00	\$ 1,000.00	\$ 25.00	\$ 250.00
143	Sign, Type III, Erect, Salv	10	Ea	\$ 83.25	\$ 832.50	\$ 100.00	\$ 1,000.00	\$ 25.00	\$ 250.00
144	Post, Steel, 3 lb	160	Ft	\$ 7.77	\$ 1,243.20	\$ 8.00	\$ 1,280.00	\$ 20.00	\$ 3,200.00
145	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	6	Ea	\$ 88.80	\$ 532.80	\$ 90.00	\$ 540.00	\$ 125.00	\$ 750.00
146	Pedestrian Type II Barricade, Temp	10	Ea	\$ 72.15	\$ 721.50	\$ 72.00	\$ 720.00	\$ 50.00	\$ 500.00
147	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 721.49	\$ 1,442.98	\$ 725.00	\$ 1,450.00	\$ 1,500.00	\$ 3,000.00
148	Minor Traf Devices, Max \$10,000	1	LSUM	\$ 9,264.32	\$ 9,264.32	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
149	Plastic Drum, High Intensity, Furn & Oper	25	Ea	\$ 22.20	\$ 555.00	\$ 25.00	\$ 625.00	\$ 50.00	\$ 1,250.00
150	Sign, Type B, Temp, Prismatic, Furn & Oper	254	Ea	\$ 3.33	\$ 845.82	\$ 4.00	\$ 1,016.00	\$ 10.00	\$ 2,540.00
151	Turf Establishment, Performance	1440	Syd	\$ 8.600	\$ 12,384.00	\$ 16.00	\$ 23,040.00	\$ 15.00	\$ 21,600.00
152	Maintenance Gravel	30	Ton	\$ 61.44	\$ 1,843.20	\$ 93.00	\$ 2,790.00	\$ 75.00	\$ 2,250.00
TOTAL WATER MAIN				\$	1,205,132.91	\$	1,359,019.00	\$	1,360,962.50
GRAND TOTAL				\$	1,460,284.82	\$	1,594,481.00	\$	1,630,352.75