

CITY OF OWOSSO BID TABULATION SHEET

DATE 2/13/2024

DEPT. Engineering

SUBJECT: 2024 Water Main Replacement Project

Page 1 of 6

Water Main Items 1-51:

Engineer's Estimate

Glaeser Dawes Corporation  
4130 Commerce Drive  
Flushing, MI 48433

Inner City Contracting, LLC  
18715 Grand River Ave  
Detroit, MI 48223  
313-272-5031

| ITEM # | DESCRIPTION  | EST. QTY | UNIT | Engineer's Estimate |               | Glaeser Dawes Corporation |               | Inner City Contracting, LLC |               |
|--------|--|----------|------|---------------------|---------------|---------------------------|---------------|-----------------------------|---------------|
|        |  |          |      | UNIT PRICE          | TOTAL         | UNIT PRICE                | TOTAL         | UNIT PRICE                  | TOTAL         |
| 1      | Mobilization, Max \$184,200, Water Main                        | 1        | LSUM | \$ 184,200.00       | \$ 184,200.00 | \$ 181,386.44             | \$ 181,386.44 | \$ 62,057.00                | \$ 62,057.00  |
| 2      | Curb and Gutter, Rem   | 959      | Ft   | \$ 15.00            | \$ 14,385.00  | \$ 7.48                   | \$ 7,173.32   | \$ 4.25                     | \$ 4,075.75   |
| 3      | Pavt, Rem  | 2,078    | Syd  | \$ 15.00            | \$ 31,170.00  | \$ 6.94                   | \$ 14,421.32  | \$ 8.35                     | \$ 17,351.30  |
| 4      | Sidewalk, Rem  | 795      | Syd  | \$ 15.00            | \$ 11,925.00  | \$ 5.66                   | \$ 4,499.70   | \$ 4.90                     | \$ 3,895.50   |
| 5      | Erosion Control, Inlet Protection, Fabric Drop                 | 45       | Ea   | \$ 100.00           | \$ 4,500.00   | \$ 46.45                  | \$ 2,090.25   | \$ 150.00                   | \$ 6,750.00   |
| 6      | Subbase, CIP   | 56       | Cyd  | \$ 50.00            | \$ 2,800.00   | \$ 3.28                   | \$ 183.68     | \$ 92.00                    | \$ 5,152.00   |
| 7      | Aggregate Base, 8 inch, Modified                               | 1822     | Syd  | \$ 20.00            | \$ 36,440.00  | \$ 29.80                  | \$ 54,295.60  | \$ 28.90                    | \$ 52,655.80  |
| 8      | Dr Structure Cover, Adj, Case 1                                | 11       | Ea   | \$ 750.00           | \$ 8,250.00   | \$ 359.19                 | \$ 3,951.09   | \$ 435.00                   | \$ 4,785.00   |
| 9      | Dr Structure Cover, Type EJ 5100 w/ ADA Grate                  | 1        | Ea   | \$ 1,000.00         | \$ 1,000.00   | \$ 938.45                 | \$ 938.45     | \$ 660.00                   | \$ 660.00     |
| 10     | HMA, 13A   | 651      | Ton  | \$ 165.00           | \$ 107,415.00 | \$ 205.00                 | \$ 133,455.00 | \$ 141.00                   | \$ 91,791.00  |
| 11     | Driveway, Nonreinf Conc, 6 inch                                | 165      | Syd  | \$ 55.00            | \$ 9,075.00   | \$ 66.86                  | \$ 11,031.90  | \$ 66.60                    | \$ 10,989.00  |
| 12     | Driveway, Nonreinf Conc, 7 inch                                | 93       | Syd  | \$ 65.00            | \$ 6,045.00   | \$ 77.30                  | \$ 7,188.90   | \$ 74.60                    | \$ 6,937.80   |
| 13     | Curb and Gutter, Conc, Det F4, Modified                        | 959      | Ft   | \$ 40.00            | \$ 38,360.00  | \$ 38.58                  | \$ 36,998.22  | \$ 39.65                    | \$ 38,024.35  |
| 14     | Detectable Warning Surface, Modified                           | 75       | Ft   | \$ 100.00           | \$ 7,500.00   | \$ 85.00                  | \$ 6,375.00   | \$ 49.00                    | \$ 3,675.00   |
| 15     | Curb Ramp Opening, Conc  | 105      | Ft   | \$ 40.00            | \$ 4,200.00   | \$ 27.00                  | \$ 2,835.00   | \$ 25.00                    | \$ 2,625.00   |
| 16     | Curb Ramp, Conc, 4 inch  | 1,292    | Sft  | \$ 8.00             | \$ 10,336.00  | \$ 8.08                   | \$ 10,439.36  | \$ 6.50                     | \$ 8,398.00   |
| 17     | Curb Ramp, Conc, 7 inch  | 531      | Sft  | \$ 10.00            | \$ 5,310.00   | \$ 9.49                   | \$ 5,039.19   | \$ 7.25                     | \$ 3,849.75   |
| 18     | Sidewalk, Conc, 4 inch   | 4,627    | Sft  | \$ 6.50             | \$ 30,075.50  | \$ 6.01                   | \$ 27,808.27  | \$ 7.00                     | \$ 32,389.00  |
| 19     | Sidewalk, Conc, 6 inch   | 1,516    | Sft  | \$ 7.50             | \$ 11,370.00  | \$ 7.09                   | \$ 10,748.44  | \$ 8.00                     | \$ 12,128.00  |
| 20     | Sanitary Serv Conflict   | 10       | Ea   | \$ 1,500.00         | \$ 15,000.00  | \$ 436.06                 | \$ 4,360.60   | \$ 2,320.00                 | \$ 23,200.00  |
| 21     | Abandoned Gas Main Conflict                                    | 10       | Ea   | \$ 750.00           | \$ 7,500.00   | \$ 131.53                 | \$ 1,315.30   | \$ 50.00                    | \$ 500.00     |
| 22     | Sign, Type III, Rem  | 10       | Ea   | \$ 50.00            | \$ 500.00     | \$ 50.00                  | \$ 500.00     | \$ 10.00                    | \$ 100.00     |
| 23     | Sign, Type III, Erect, Salv                                    | 10       | Ea   | \$ 75.00            | \$ 750.00     | \$ 100.00                 | \$ 1,000.00   | \$ 10.00                    | \$ 100.00     |
| 24     | Post, Steel, 3 Pound   | 160      | Ft   | \$ 10.00            | \$ 1,600.00   | \$ 9.00                   | \$ 1,440.00   | \$ 9.00                     | \$ 1,440.00   |
| 25     | Turf Establishment, Performance                                | 3000     | Syd  | \$ 7.00             | \$ 21,000.00  | \$ 12.79                  | \$ 38,370.00  | \$ 13.75                    | \$ 41,250.00  |
| 26     | Maintenance Gravel   | 300      | Ton  | \$ 40.00            | \$ 12,000.00  | \$ 34.84                  | \$ 10,452.00  | \$ 25.00                    | \$ 7,500.00   |
| 27     | Barricade, Type III, High Intensity, Double Sided, Furn & Oper | 19       | Ea   | \$ 150.00           | \$ 2,850.00   | \$ 25.00                  | \$ 475.00     | \$ 65.00                    | \$ 1,235.00   |
| 28     | Pedestrian Type II Barricade, Temp                             | 30       | Ea   | \$ 100.00           | \$ 3,000.00   | \$ 35.00                  | \$ 1,050.00   | \$ 75.00                    | \$ 2,250.00   |
| 29     | Lighted Arrow, Type C, Furn & Oper                             | 5        | Ea   | \$ 750.00           | \$ 3,750.00   | \$ 150.00                 | \$ 750.00     | \$ 450.00                   | \$ 2,250.00   |
| 30     | Minor Traf Devices, Max \$20,000                               | 1        | LSUM | \$ 20,000.00        | \$ 20,000.00  | \$ 3,000.00               | \$ 3,000.00   | \$ 9,950.00                 | \$ 9,950.00   |
| 31     | Plastic Drum, High Intensity, Furn & Oper                      | 250      | Ea   | \$ 25.00            | \$ 6,250.00   | \$ 5.00                   | \$ 1,250.00   | \$ 16.00                    | \$ 4,000.00   |
| 32     | Sign, Type B, Temp, Prismatic, Furn & Oper                     | 997      | Sft  | \$ 5.00             | \$ 4,985.00   | \$ 2.00                   | \$ 1,994.00   | \$ 2.00                     | \$ 1,994.00   |
| 33     | Traf Regulator Control   | 1        | LSUM | \$ 5,000.00         | \$ 5,000.00   | \$ 428.85                 | \$ 428.85     | \$ 1,000.00                 | \$ 1,000.00   |
| 34     | Testing and Chlorination of Water Main                         | 1        | LSUM | \$ 15,000.00        | \$ 15,000.00  | \$ 5,926.13               | \$ 5,926.13   | \$ 15,400.00                | \$ 15,400.00  |
| 35     | Connect to Ex. Water Main                                      | 18       | Ea   | \$ 5,000.00         | \$ 90,000.00  | \$ 4,358.43               | \$ 78,451.74  | \$ 7,797.50                 | \$ 140,355.00 |
| 36     | Water Main, Rem  | 140      | Ft   | \$ 30.00            | \$ 4,200.00   | \$ 7.94                   | \$ 1,111.60   | \$ 5.00                     | \$ 700.00     |
| 37     | Existing Valve with Valve Box Abandonment                      | 15       | Ea   | \$ 500.00           | \$ 7,500.00   | \$ 280.04                 | \$ 4,200.60   | \$ 855.00                   | \$ 12,825.00  |
| 38     | Hydrant, Rem   | 1        | Ea   | \$ 1,000.00         | \$ 1,000.00   | \$ 586.22                 | \$ 586.22     | \$ 855.00                   | \$ 855.00     |
| 39     | Water Main, C909 PVC, 6 inch, Tr Det G, Modified               | 1066     | Ft   | \$ 120.00           | \$ 127,920.00 | \$ 84.46                  | \$ 90,034.36  | \$ 128.40                   | \$ 136,874.40 |
| 40     | Water Main, C909 PVC, 8 inch, Tr Det G, Modified               | 520      | Ft   | \$ 140.00           | \$ 72,800.00  | \$ 102.31                 | \$ 53,201.20  | \$ 140.30                   | \$ 72,956.00  |
| 41     | Water Main, C900 PVC, 6 inch, Bore                             | 1790     | Ft   | \$ 160.00           | \$ 286,400.00 | \$ 88.42                  | \$ 158,271.80 | \$ 131.71                   | \$ 235,760.90 |

CITY OF OWOSSO BID TABULATION SHEET

DATE 2/13/2024

DEPT. Engineering

SUBJECT: 2024 Water Main Replacement Project  
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Water Main Items 1-51:

|                            |  |   |
|----------------------------|--|---|
| <b>Engineer's Estimate</b> | Glaeser Dawes Corporation<br>4130 Commerce Drive<br>Flushing, MI 48433 | Inner City Contracting, LLC<br>18715 Grand River Ave<br>Detroit, MI 48223<br>313-272-5031 |
|----------------------------|--|---|

| ITEM #                  | DESCRIPTION  | EST. QTY | UNIT | UNIT PRICE  | TOTAL                  | UNIT PRICE  | TOTAL                  | UNIT PRICE  | TOTAL                  |
|-------------------------|--|----------|------|-------------|------------------------|-------------|------------------------|-------------|------------------------|
| 42                      | Water Main, C900 PVC, 8 inch, Bore                               | 1700     | Ft   | \$ 180.00   | \$ 306,000.00          | \$ 105.56   | \$ 179,452.00          | \$ 149.01   | \$ 253,317.00          |
| 43                      | Water Main, 4 inch, Cut and Plug, Modified                       | 9        | Ea   | \$ 1,000.00 | \$ 9,000.00            | \$ 963.75   | \$ 8,673.75            | \$ 210.00   | \$ 1,890.00            |
| 44                      | Water Main, 6 inch, Cut and Plug, Modified                       | 8        | Ea   | \$ 1,250.00 | \$ 10,000.00           | \$ 1,032.54 | \$ 8,260.32            | \$ 260.00   | \$ 2,080.00            |
| 45                      | Gate Valve and Box, 6 inch, Modified                             | 15       | Ea   | \$ 2,000.00 | \$ 30,000.00           | \$ 2,203.72 | \$ 33,055.80           | \$ 3,859.00 | \$ 57,885.00           |
| 46                      | Gate Valve and Box, 8 inch, Modified                             | 4        | Ea   | \$ 2,750.00 | \$ 11,000.00           | \$ 2,584.17 | \$ 10,336.68           | \$ 4,391.00 | \$ 17,564.00           |
| 47                      | Fire Hydrant and Valve Assembly                                  | 11       | Ea   | \$ 7,500.00 | \$ 82,500.00           | \$ 7,755.26 | \$ 85,307.86           | \$ 8,027.00 | \$ 88,297.00           |
| 48                      | 1 inch Copper Service Lead, Type "K", Modified                   | 2700     | Ft   | \$ 70.00    | \$ 189,000.00          | \$ 55.64    | \$ 150,228.00          | \$ 67.30    | \$ 181,710.00          |
| 49                      | Curb Box, Stop, 1 inch Corporation Stop and Connection, Modified | 78       | Ea   | \$ 1,500.00 | \$ 117,000.00          | \$ 1,768.84 | \$ 137,969.52          | \$ 937.00   | \$ 73,086.00           |
| 50                      | Supply & Install Meter Pit, Complete                             | 25       | Ea   | \$ 1,000.00 | \$ 25,000.00           | \$ 544.39   | \$ 13,609.75           | \$ 434.00   | \$ 10,850.00           |
| 51                      | Water Meter Pit, Rem   | 25       | Ea   | \$ 500.00   | \$ 12,500.00           | \$ 87.54    | \$ 2,188.50            | \$ 198.00   | \$ 4,950.00            |
| <b>TOTAL WATER MAIN</b> |  |          |      |             | <b>\$ 2,025,361.50</b> |             | <b>\$ 1,608,110.71</b> |             | <b>\$ 1,772,313.55</b> |

Sanitary Sewer Items 101-109:

| ITEM #                      | DESCRIPTION                                | EST. QTY | UNIT | UNIT PRICE   | TOTAL                  | UNIT PRICE   | TOTAL                  | UNIT PRICE  | TOTAL                  |
|-----------------------------|--|----------|------|--------------|------------------------|--------------|------------------------|-------------|------------------------|
| 101                         | Mobilization, Max \$12,400, Sanitary Sewer | 1        | LSUM | \$ 12,400.00 | \$ 12,400.00           | \$ 12,043.74 | \$ 12,043.74           | \$ 5,000.00 | \$ 5,000.00            |
| 102                         | Sewer, Rem, Less than 24 inch              | 276      | Ft   | \$ 30.00     | \$ 8,280.00            | \$ 16.37     | \$ 4,518.12            | \$ 62.90    | \$ 17,360.40           |
| 103                         | Pavt, Rem                                  | 475      | Syd  | \$ 15.00     | \$ 7,125.00            | \$ 5.72      | \$ 2,717.00            | \$ 8.35     | \$ 3,966.25            |
| 104                         | Maintenance Gravel                         | 175      | Ton  | \$ 40.00     | \$ 7,000.00            | \$ 34.84     | \$ 6,097.00            | \$ 25.00    | \$ 4,375.00            |
| 105                         | Aggregate Base, 8 inch, Modified           | 475      | Syd  | \$ 20.00     | \$ 9,500.00            | \$ 29.82     | \$ 14,164.50           | \$ 207.85   | \$ 98,728.75           |
| 106                         | Sewer, SDR-26, 8 inch, Tr Det B, Modified  | 276      | Ft   | \$ 200.00    | \$ 55,200.00           | \$ 92.83     | \$ 25,621.08           | \$ 207.85   | \$ 57,366.60           |
| 107                         | Dr Structure Tap, 8 inch                   | 2        | Ea   | \$ 1,500.00  | \$ 3,000.00            | \$ 1,126.23  | \$ 2,252.46            | \$ 1,445.00 | \$ 2,890.00            |
| 108                         | Sanitary Sewer, Bypass Pumping             | 1        | LSUM | \$ 5,000.00  | \$ 5,000.00            | \$ 829.21    | \$ 829.21              | \$ 1,500.00 | \$ 1,500.00            |
| 109                         | HMA, 13A                                   | 175      | Ton  | \$ 165.00    | \$ 28,875.00           | \$ 200.00    | \$ 35,000.00           | \$ 140.00   | \$ 24,500.00           |
| <b>TOTAL SANITARY SEWER</b> |  |          |      |              | <b>\$ 136,380.00</b>   |              | <b>\$ 103,243.11</b>   |             | <b>\$ 215,687.00</b>   |
| <b>GRAND TOTAL</b>          |  |          |      |              | <b>\$ 2,161,741.50</b> |              | <b>\$ 1,711,353.82</b> |             | <b>\$ 1,988,000.55</b> |

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 2/13/2024

DEPT. Engineering

SUBJECT: 2024 Water Main Replacement Project

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Bid Contained Math Error

Water Main Items 1-51:

Waldorf and Sons Inc.  
9118 N Dort Hwy  
Mt Morris, MI 48458  
810-564-5000

C & D Hughes, Inc.  
3097 Lansing Rd  
Charlotte, MI 48813  
517-645-0111

Rohde Bros. Excavating, Inc.  
1240 N Outer Drive  
Saginaw, MI 48601  
989-753-0294

| ITEM # | DESCRIPTION  | EST. QTY | UNIT | UNIT PRICE    | TOTAL         | UNIT PRICE    | TOTAL         | UNIT PRICE    | TOTAL         |
|--------|--|----------|------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1      | Mobilization, Max \$184,200, Water Main                        | 1        | LSUM | \$ 175,000.00 | \$ 175,000.00 | \$ 178,000.00 | \$ 178,000.00 | \$ 184,200.00 | \$ 184,200.00 |
| 2      | Curb and Gutter, Rem   | 959      | Ft   | \$ 10.00      | \$ 9,590.00   | \$ 15.00      | \$ 14,385.00  | \$ 15.00      | \$ 14,385.00  |
| 3      | Pavt, Rem  | 2,078    | Syd  | \$ 6.50       | \$ 13,507.00  | \$ 25.00      | \$ 51,950.00  | \$ 15.00      | \$ 31,170.00  |
| 4      | Sidewalk, Rem  | 795      | Syd  | \$ 6.50       | \$ 5,167.50   | \$ 15.00      | \$ 11,925.00  | \$ 15.00      | \$ 11,925.00  |
| 5      | Erosion Control, Inlet Protection, Fabric Drop                 | 45       | Ea   | \$ 105.00     | \$ 4,725.00   | \$ 150.00     | \$ 6,750.00   | \$ 150.00     | \$ 6,750.00   |
| 6      | Subbase, CIP   | 56       | Cyd  | \$ 75.00      | \$ 4,200.00   | \$ 50.00      | \$ 2,800.00   | \$ 50.00      | \$ 2,800.00   |
| 7      | Aggregate Base, 8 inch, Modified                               | 1822     | Syd  | \$ 25.00      | \$ 45,550.00  | \$ 25.00      | \$ 45,550.00  | \$ 30.00      | \$ 54,660.00  |
| 8      | Dr Structure Cover, Adj, Case 1                                | 11       | Ea   | \$ 1,800.00   | \$ 19,800.00  | \$ 600.00     | \$ 6,600.00   | \$ 1,800.00   | \$ 19,800.00  |
| 9      | Dr Structure Cover, Type EJ 5100 w/ ADA Grate                  | 1        | Ea   | \$ 2,500.00   | \$ 2,500.00   | \$ 1,500.00   | \$ 1,500.00   | \$ 1,100.00   | \$ 1,100.00   |
| 10     | HMA, 13A   | 651      | Ton  | \$ 212.00     | \$ 138,012.00 | \$ 175.00     | \$ 113,925.00 | \$ 210.00     | \$ 136,710.00 |
| 11     | Driveway, Nonreinf Conc, 6 inch                                | 165      | Syd  | \$ 100.00     | \$ 16,500.00  | \$ 54.00      | \$ 8,910.00   | \$ 60.00      | \$ 9,900.00   |
| 12     | Driveway, Nonreinf Conc, 7 inch                                | 93       | Syd  | \$ 110.00     | \$ 10,230.00  | \$ 63.00      | \$ 5,859.00   | \$ 66.00      | \$ 6,138.00   |
| 13     | Curb and Gutter, Conc, Det F4, Modified                        | 959      | Ft   | \$ 55.00      | \$ 52,745.00  | \$ 27.00      | \$ 25,893.00  | \$ 33.00      | \$ 31,647.00  |
| 14     | Detectable Warning Surface, Modified                           | 75       | Ft   | \$ 55.00      | \$ 4,125.00   | \$ 85.00      | \$ 6,375.00   | \$ 87.00      | \$ 6,525.00   |
| 15     | Curb Ramp Opening, Conc  | 105      | Ft   | \$ 45.00      | \$ 4,725.00   | \$ 27.00      | \$ 2,835.00   | \$ 33.00      | \$ 3,465.00   |
| 16     | Curb Ramp, Conc, 4 inch  | 1,292    | Sft  | \$ 18.00      | \$ 23,256.00  | \$ 7.20       | \$ 9,302.40   | \$ 9.00       | \$ 11,628.00  |
| 17     | Curb Ramp, Conc, 7 inch  | 531      | Sft  | \$ 20.00      | \$ 10,620.00  | \$ 8.40       | \$ 4,460.40   | \$ 10.00      | \$ 5,310.00   |
| 18     | Sidewalk, Conc, 4 inch   | 4,627    | Sft  | \$ 18.00      | \$ 83,286.00  | \$ 4.60       | \$ 21,284.20  | \$ 6.00       | \$ 27,762.00  |
| 19     | Sidewalk, Conc, 6 inch   | 1,516    | Sft  | \$ 18.00      | \$ 27,288.00  | \$ 6.00       | \$ 9,096.00   | \$ 7.00       | \$ 10,612.00  |
| 20     | Sanitary Serv Conflict   | 10       | Ea   | \$ 2,650.00   | \$ 26,500.00  | \$ 1,500.00   | \$ 15,000.00  | \$ 2,100.00   | \$ 21,000.00  |
| 21     | Abandoned Gas Main Conflict                                    | 10       | Ea   | \$ 2,500.00   | \$ 25,000.00  | \$ 1,000.00   | \$ 10,000.00  | \$ 200.00     | \$ 2,000.00   |
| 22     | Sign, Type III, Rem  | 10       | Ea   | \$ 80.00      | \$ 800.00     | \$ 35.00      | \$ 350.00     | \$ 55.00      | \$ 550.00     |
| 23     | Sign, Type III, Erect, Salv                                    | 10       | Ea   | \$ 80.00      | \$ 800.00     | \$ 85.00      | \$ 850.00     | \$ 110.00     | \$ 1,100.00   |
| 24     | Post, Steel, 3 Pound   | 160      | Ft   | \$ 15.00      | \$ 2,400.00   | \$ 11.00      | \$ 1,760.00   | \$ 10.00      | \$ 1,600.00   |
| 25     | Turf Establishment, Performance                                | 3000     | Syd  | \$ 8.00       | \$ 24,000.00  | \$ 10.00      | \$ 30,000.00  | \$ 12.00      | \$ 36,000.00  |
| 26     | Maintenance Gravel   | 300      | Ton  | \$ 90.00      | \$ 27,000.00  | \$ 1.00       | \$ 300.00     | \$ 40.00      | \$ 12,000.00  |
| 27     | Barricade, Type III, High Intensity, Double Sided, Furn & Oper | 19       | Ea   | \$ 70.00      | \$ 1,330.00   | \$ 80.00      | \$ 1,520.00   | \$ 100.00     | \$ 1,900.00   |
| 28     | Pedestrian Type II Barricade, Temp                             | 30       | Ea   | \$ 80.00      | \$ 2,400.00   | \$ 5.15       | \$ 154.50     | \$ 100.00     | \$ 3,000.00   |
| 29     | Lighted Arrow, Type C, Furn & Oper                             | 5        | Ea   | \$ 160.00     | \$ 800.00     | \$ 620.00     | \$ 3,100.00   | \$ 450.00     | \$ 2,250.00   |
| 30     | Minor Traf Devices, Max \$20,000                               | 1        | LSUM | \$ 10,500.00  | \$ 10,500.00  | \$ 20,000.00  | \$ 20,000.00  | \$ 20,000.00  | \$ 20,000.00  |
| 31     | Plastic Drum, High Intensity, Furn & Oper                      | 250      | Ea   | \$ 20.00      | \$ 5,000.00   | \$ 33.00      | \$ 8,250.00   | \$ 16.00      | \$ 4,000.00   |
| 32     | Sign, Type B, Temp, Prismatic, Furn & Oper                     | 997      | Sft  | \$ 5.00       | \$ 4,985.00   | \$ 5.00       | \$ 4,985.00   | \$ 2.00       | \$ 1,994.00   |
| 33     | Traf Regulator Control   | 1        | LSUM | \$ 5,000.00   | \$ 5,000.00   | \$ 5,000.00   | \$ 5,000.00   | \$ 6,000.00   | \$ 6,000.00   |
| 34     | Testing and Chlorination of Water Main                         | 1        | LSUM | \$ 15,000.00  | \$ 15,000.00  | \$ 5,000.00   | \$ 5,000.00   | \$ 20,000.00  | \$ 20,000.00  |
| 35     | Connect to Ex. Water Main                                      | 18       | Ea   | \$ 8,500.00   | \$ 153,000.00 | \$ 6,600.00   | \$ 118,800.00 | \$ 7,500.00   | \$ 135,000.00 |
| 36     | Water Main, Rem  | 140      | Ft   | \$ 45.00      | \$ 6,300.00   | \$ 10.00      | \$ 1,400.00   | \$ 20.00      | \$ 2,800.00   |
| 37     | Existing Valve with Valve Box Abandonment                      | 15       | Ea   | \$ 1,800.00   | \$ 27,000.00  | \$ 700.00     | \$ 10,500.00  | \$ 500.00     | \$ 7,500.00   |
| 38     | Hydrant, Rem   | 1        | Ea   | \$ 900.00     | \$ 900.00     | \$ 600.00     | \$ 600.00     | \$ 1,000.00   | \$ 1,000.00   |
| 39     | Water Main, C909 PVC, 6 inch, Tr Det G, Modified               | 1066     | Ft   | \$ 115.00     | \$ 122,590.00 | \$ 150.00     | \$ 159,900.00 | \$ 150.00     | \$ 159,900.00 |
| 40     | Water Main, C909 PVC, 8 inch, Tr Det G, Modified               | 520      | Ft   | \$ 130.00     | \$ 67,600.00  | \$ 180.00     | \$ 93,600.00  | \$ 165.00     | \$ 85,800.00  |
| 41     | Water Main, C900 PVC, 6 inch, Bore                             | 1790     | Ft   | \$ 100.00     | \$ 179,000.00 | \$ 130.00     | \$ 232,700.00 | \$ 150.00     | \$ 268,500.00 |

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DATE 2/13/2024

DEPT. Engineering

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**Bid Contained Math Error**

Water Main Items 1-51:

|   |  |   |
|---|--|---|
| Waldorf and Sons Inc.<br>9118 N Dort Hwy<br>Mt Morris, MI 48458<br>810-564-5000 | C & D Hughes, Inc.<br>3097 Lansing Rd<br>Charlotte, MI 48813<br>517-645-0111 | Rohde Bros. Excavating, Inc.<br>1240 N Outer Drive<br>Saginaw, MI 48601<br>989-753-0294 |
|---|--|---|

| ITEM #                  | DESCRIPTION  | EST. QTY | UNIT | UNIT PRICE  | TOTAL                  | UNIT PRICE  | TOTAL                  | UNIT PRICE  | TOTAL                  |
|-------------------------|--|----------|------|-------------|------------------------|-------------|------------------------|-------------|------------------------|
| 42                      | Water Main, C900 PVC, 8 inch, Bore                               | 1700     | Ft   | \$ 120.00   | \$ 204,000.00          | \$ 160.00   | \$ 272,000.00          | \$ 165.00   | \$ 280,500.00          |
| 43                      | Water Main, 4 inch, Cut and Plug, Modified                       | 9        | Ea   | \$ 2,350.00 | \$ 21,150.00           | \$ 800.00   | \$ 7,200.00            | \$ 3,000.00 | \$ 27,000.00           |
| 44                      | Water Main, 6 inch, Cut and Plug, Modified                       | 8        | Ea   | \$ 2,450.00 | \$ 19,600.00           | \$ 800.00   | \$ 6,400.00            | \$ 3,000.00 | \$ 24,000.00           |
| 45                      | Gate Valve and Box, 6 inch, Modified                             | 15       | Ea   | \$ 3,000.00 | \$ 45,000.00           | \$ 4,000.00 | \$ 60,000.00           | \$ 2,900.00 | \$ 43,500.00           |
| 46                      | Gate Valve and Box, 8 inch, Modified                             | 4        | Ea   | \$ 3,350.00 | \$ 13,400.00           | \$ 5,000.00 | \$ 20,000.00           | \$ 3,700.00 | \$ 14,800.00           |
| 47                      | Fire Hydrant and Valve Assembly                                  | 11       | Ea   | \$ 8,500.00 | \$ 93,500.00           | \$ 8,500.00 | \$ 93,500.00           | \$ 8,500.00 | \$ 93,500.00           |
| 48                      | 1 inch Copper Service Lead, Type "K", Modified                   | 2700     | Ft   | \$ 40.00    | \$ 108,000.00          | \$ 80.00    | \$ 216,000.00          | \$ 20.00    | \$ 54,000.00           |
| 49                      | Curb Box, Stop, 1 inch Corporation Stop and Connection, Modified | 78       | Ea   | \$ 1,500.00 | \$ 117,000.00          | \$ 1,600.00 | \$ 124,800.00          | \$ 2,946.00 | \$ 229,788.00          |
| 50                      | Supply & Install Meter Pit, Complete                             | 25       | Ea   | \$ 4,800.00 | \$ 120,000.00          | \$ 1,000.00 | \$ 25,000.00           | \$ 800.00   | \$ 20,000.00           |
| 51                      | Water Meter Pit, Rem   | 25       | Ea   | \$ 600.00   | \$ 15,000.00           | \$ 500.00   | \$ 12,500.00           | \$ 300.00   | \$ 7,500.00            |
| <b>TOTAL WATER MAIN</b> |  |          |      |             | <b>\$ 2,115,381.50</b> |             | <b>\$ 2,088,569.50</b> |             | <b>\$ 2,164,969.00</b> |

Sanitary Sewer Items 101-109:

| ITEM #                      | DESCRIPTION                                | EST. QTY | UNIT | UNIT PRICE   | TOTAL                  | UNIT PRICE   | TOTAL                  | UNIT PRICE   | TOTAL                  |
|-----------------------------|--|----------|------|--------------|------------------------|--------------|------------------------|--------------|------------------------|
| 101                         | Mobilization, Max \$12,400, Sanitary Sewer | 1        | LSUM | \$ 12,000.00 | \$ 12,000.00           | \$ 12,400.00 | \$ 12,400.00           | \$ 12,400.00 | \$ 12,400.00           |
| 102                         | Sewer, Rem, Less than 24 inch              | 276      | Ft   | \$ 25.00     | \$ 6,900.00            | \$ 25.00     | \$ 6,900.00            | \$ 20.00     | \$ 5,520.00            |
| 103                         | Pavt, Rem                                  | 475      | Syd  | \$ 14.00     | \$ 6,650.00            | \$ 25.00     | \$ 11,875.00           | \$ 15.00     | \$ 7,125.00            |
| 104                         | Maintenance Gravel                         | 175      | Ton  | \$ 90.00     | \$ 15,750.00           | \$ 1.00      | \$ 175.00              | \$ 40.00     | \$ 7,000.00            |
| 105                         | Aggregate Base, 8 inch, Modified           | 475      | Syd  | \$ 25.00     | \$ 11,875.00           | \$ 25.00     | \$ 11,875.00           | \$ 30.00     | \$ 14,250.00           |
| 106                         | Sewer, SDR-26, 8 inch, Tr Det B, Modified  | 276      | Ft   | \$ 155.00    | \$ 42,780.00           | \$ 350.00    | \$ 96,600.00           | \$ 250.00    | \$ 69,000.00           |
| 107                         | Dr Structure Tap, 8 inch                   | 2        | Ea   | \$ 1,350.00  | \$ 2,700.00            | \$ 2,500.00  | \$ 5,000.00            | \$ 5,000.00  | \$ 10,000.00           |
| 108                         | Sanitary Sewer, Bypass Pumping             | 1        | LSUM | \$ 25,000.00 | \$ 25,000.00           | \$ 1,000.00  | \$ 1,000.00            | \$ 19,937.00 | \$ 19,937.00           |
| 109                         | HMA, 13A                                   | 175      | Ton  | \$ 205.00    | \$ 35,875.00           | \$ 250.00    | \$ 43,750.00           | \$ 210.00    | \$ 36,750.00           |
| <b>TOTAL SANITARY SEWER</b> |  |          |      |              | <b>\$ 159,530.00</b>   |              | <b>\$ 189,575.00</b>   |              | <b>\$ 181,982.00</b>   |
| <b>GRAND TOTAL</b>          |  |          |      |              | <b>\$ 2,274,911.50</b> |              | <b>\$ 2,278,144.50</b> |              | <b>\$ 2,346,951.00</b> |

CITY OF OWOSSO BID TABULATION SHEET

DATE 2/13/2024

DEPT. Engineering

SUBJECT: 2024 Water Main Replacement Project

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Eric Construction, Inc.  
7550 S Graham Rd  
St. Charles, MI 48655  
989-864-9904

Water Main Items 1-51:

| ITEM # | DESCRIPTION  | EST. QTY | UNIT | UNIT PRICE    | TOTAL         | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
|--------|--|----------|------|---------------|---------------|------------|-------|------------|-------|
| 1      | Mobilization, Max \$184,200, Water Main                        | 1        | LSUM | \$ 184,000.00 | \$ 184,000.00 |            | \$ -  |            | \$ -  |
| 2      | Curb and Gutter, Rem   | 959      | Ft   | \$ 30.00      | \$ 28,770.00  |            | \$ -  |            | \$ -  |
| 3      | Pavt, Rem  | 2,078    | Syd  | \$ 17.00      | \$ 35,326.00  |            | \$ -  |            | \$ -  |
| 4      | Sidewalk, Rem  | 795      | Syd  | \$ 17.00      | \$ 13,515.00  |            | \$ -  |            | \$ -  |
| 5      | Erosion Control, Inlet Protection, Fabric Drop                 | 45       | Ea   | \$ 150.00     | \$ 6,750.00   |            | \$ -  |            | \$ -  |
| 6      | Subbase, CIP   | 56       | Cyd  | \$ 25.00      | \$ 1,400.00   |            | \$ -  |            | \$ -  |
| 7      | Aggregate Base, 8 inch, Modified                               | 1822     | Syd  | \$ 16.00      | \$ 29,152.00  |            | \$ -  |            | \$ -  |
| 8      | Dr Structure Cover, Adj, Case 1                                | 11       | Ea   | \$ 960.00     | \$ 10,560.00  |            | \$ -  |            | \$ -  |
| 9      | Dr Structure Cover, Type EJ 5100 w/ ADA Grate                  | 1        | Ea   | \$ 1,760.00   | \$ 1,760.00   |            | \$ -  |            | \$ -  |
| 10     | HMA, 13A   | 651      | Ton  | \$ 205.00     | \$ 133,455.00 |            | \$ -  |            | \$ -  |
| 11     | Driveway, Nonreinf Conc, 6 inch                                | 165      | Syd  | \$ 81.00      | \$ 13,365.00  |            | \$ -  |            | \$ -  |
| 12     | Driveway, Nonreinf Conc, 7 inch                                | 93       | Syd  | \$ 85.50      | \$ 7,951.50   |            | \$ -  |            | \$ -  |
| 13     | Curb and Gutter, Conc, Det F4, Modified                        | 959      | Ft   | \$ 75.00      | \$ 71,925.00  |            | \$ -  |            | \$ -  |
| 14     | Detectable Warning Surface, Modified                           | 75       | Ft   | \$ 160.00     | \$ 12,000.00  |            | \$ -  |            | \$ -  |
| 15     | Curb Ramp Opening, Conc  | 105      | Ft   | \$ 75.00      | \$ 7,875.00   |            | \$ -  |            | \$ -  |
| 16     | Curb Ramp, Conc, 4 inch  | 1,292    | Sft  | \$ 8.00       | \$ 10,336.00  |            | \$ -  |            | \$ -  |
| 17     | Curb Ramp, Conc, 7 inch  | 531      | Sft  | \$ 9.50       | \$ 5,044.50   |            | \$ -  |            | \$ -  |
| 18     | Sidewalk, Conc, 4 inch   | 4,627    | Sft  | \$ 8.00       | \$ 37,016.00  |            | \$ -  |            | \$ -  |
| 19     | Sidewalk, Conc, 6 inch   | 1,516    | Sft  | \$ 9.00       | \$ 13,644.00  |            | \$ -  |            | \$ -  |
| 20     | Sanitary Serv Conflict   | 10       | Ea   | \$ 3,000.00   | \$ 30,000.00  |            | \$ -  |            | \$ -  |
| 21     | Abandoned Gas Main Conflict                                    | 10       | Ea   | \$ 500.00     | \$ 5,000.00   |            | \$ -  |            | \$ -  |
| 22     | Sign, Type III, Rem  | 10       | Ea   | \$ 50.00      | \$ 500.00     |            | \$ -  |            | \$ -  |
| 23     | Sign, Type III, Erect, Salv                                    | 10       | Ea   | \$ 100.00     | \$ 1,000.00   |            | \$ -  |            | \$ -  |
| 24     | Post, Steel, 3 Pound   | 160      | Ft   | \$ 9.00       | \$ 1,440.00   |            | \$ -  |            | \$ -  |
| 25     | Turf Establishment, Performance                                | 3000     | Syd  | \$ 15.00      | \$ 45,000.00  |            | \$ -  |            | \$ -  |
| 26     | Maintenance Gravel   | 300      | Ton  | \$ 34.00      | \$ 10,200.00  |            | \$ -  |            | \$ -  |
| 27     | Barricade, Type III, High Intensity, Double Sided, Furn & Oper | 19       | Ea   | \$ 65.00      | \$ 1,235.00   |            | \$ -  |            | \$ -  |
| 28     | Pedestrian Type II Barricade, Temp                             | 30       | Ea   | \$ 75.00      | \$ 2,250.00   |            | \$ -  |            | \$ -  |
| 29     | Lighted Arrow, Type C, Furn & Oper                             | 5        | Ea   | \$ 450.00     | \$ 2,250.00   |            | \$ -  |            | \$ -  |
| 30     | Minor Traf Devices, Max \$20,000                               | 1        | LSUM | \$ 9,950.00   | \$ 9,950.00   |            | \$ -  |            | \$ -  |
| 31     | Plastic Drum, High Intensity, Furn & Oper                      | 250      | Ea   | \$ 16.00      | \$ 4,000.00   |            | \$ -  |            | \$ -  |
| 32     | Sign, Type B, Temp, Prismatic, Furn & Oper                     | 997      | Sft  | \$ 2.00       | \$ 1,994.00   |            | \$ -  |            | \$ -  |
| 33     | Traf Regulator Control   | 1        | LSUM | \$ 5,000.00   | \$ 5,000.00   |            | \$ -  |            | \$ -  |
| 34     | Testing and Chlorination of Water Main                         | 1        | LSUM | \$ 20,000.00  | \$ 20,000.00  |            | \$ -  |            | \$ -  |
| 35     | Connect to Ex. Water Main                                      | 18       | Ea   | \$ 6,500.00   | \$ 117,000.00 |            | \$ -  |            | \$ -  |
| 36     | Water Main, Rem  | 140      | Ft   | \$ 48.00      | \$ 6,720.00   |            | \$ -  |            | \$ -  |
| 37     | Existing Valve with Valve Box Abandonment                      | 15       | Ea   | \$ 243.00     | \$ 3,645.00   |            | \$ -  |            | \$ -  |
| 38     | Hydrant, Rem   | 1        | Ea   | \$ 720.00     | \$ 720.00     |            | \$ -  |            | \$ -  |
| 39     | Water Main, C909 PVC, 6 inch, Tr Det G, Modified               | 1066     | Ft   | \$ 149.00     | \$ 158,834.00 |            | \$ -  |            | \$ -  |
| 40     | Water Main, C909 PVC, 8 inch, Tr Det G, Modified               | 520      | Ft   | \$ 165.00     | \$ 85,800.00  |            | \$ -  |            | \$ -  |
| 41     | Water Main, C900 PVC, 6 inch, Bore                             | 1790     | Ft   | \$ 164.00     | \$ 293,560.00 |            | \$ -  |            | \$ -  |

CITY OF OWOSSO BID TABULATION SHEET

DATE 2/13/2024

DEPT. Engineering

SUBJECT: 2024 Water Main Replacement Project  
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Eric Construction, Inc.  
 7550 S Graham Rd  
 St. Charles, MI 48655  
 989-864-9904

**Water Main Items 1-51:**

| ITEM #                  | DESCRIPTION  | EST. QTY | UNIT | UNIT PRICE  | TOTAL                  | UNIT PRICE | TOTAL       | UNIT PRICE | TOTAL       |
|-------------------------|--|----------|------|-------------|------------------------|------------|-------------|------------|-------------|
| 42                      | Water Main, C900 PVC, 8 inch, Bore                               | 1700     | Ft   | \$ 171.00   | \$ 290,700.00          |            | \$ -        |            | \$ -        |
| 43                      | Water Main, 4 inch, Cut and Plug, Modified                       | 9        | Ea   | \$ 5,000.00 | \$ 45,000.00           |            | \$ -        |            | \$ -        |
| 44                      | Water Main, 6 inch, Cut and Plug, Modified                       | 8        | Ea   | \$ 5,000.00 | \$ 40,000.00           |            | \$ -        |            | \$ -        |
| 45                      | Gate Valve and Box, 6 inch, Modified                             | 15       | Ea   | \$ 1,800.00 | \$ 27,000.00           |            | \$ -        |            | \$ -        |
| 46                      | Gate Valve and Box, 8 inch, Modified                             | 4        | Ea   | \$ 2,600.00 | \$ 10,400.00           |            | \$ -        |            | \$ -        |
| 47                      | Fire Hydrant and Valve Assembly                                  | 11       | Ea   | \$ 6,500.00 | \$ 71,500.00           |            | \$ -        |            | \$ -        |
| 48                      | 1 inch Copper Service Lead, Type "K", Modified                   | 2700     | Ft   | \$ 60.00    | \$ 162,000.00          |            | \$ -        |            | \$ -        |
| 49                      | Curb Box, Stop, 1 inch Corporation Stop and Connection, Modified | 78       | Ea   | \$ 2,500.00 | \$ 195,000.00          |            | \$ -        |            | \$ -        |
| 50                      | Supply & Install Meter Pit, Complete                             | 25       | Ea   | \$ 3,000.00 | \$ 75,000.00           |            | \$ -        |            | \$ -        |
| 51                      | Water Meter Pit, Rem   | 25       | Ea   | \$ 480.00   | \$ 12,000.00           |            | \$ -        |            | \$ -        |
| <b>TOTAL WATER MAIN</b> |  |          |      |             | <b>\$ 2,358,543.00</b> |            | <b>\$ -</b> |            | <b>\$ -</b> |

**Sanitary Sewer Items 101-109:**

| ITEM #                      | DESCRIPTION                                | EST. QTY | UNIT | UNIT PRICE   | TOTAL                  | UNIT PRICE | TOTAL       | UNIT PRICE | TOTAL       |
|-----------------------------|--|----------|------|--------------|------------------------|------------|-------------|------------|-------------|
| 101                         | Mobilization, Max \$12,400, Sanitary Sewer | 1        | LSUM | \$ 12,400.00 | \$ 12,400.00           |            | \$ -        |            | \$ -        |
| 102                         | Sewer, Rem, Less than 24 inch              | 276      | Ft   | \$ 35.00     | \$ 9,660.00            |            | \$ -        |            | \$ -        |
| 103                         | Pavt, Rem                                  | 475      | Syd  | \$ 15.00     | \$ 7,125.00            |            | \$ -        |            | \$ -        |
| 104                         | Maintenance Gravel                         | 175      | Ton  | \$ 35.00     | \$ 6,125.00            |            | \$ -        |            | \$ -        |
| 105                         | Aggregate Base, 8 inch, Modified           | 475      | Syd  | \$ 15.00     | \$ 7,125.00            |            | \$ -        |            | \$ -        |
| 106                         | Sewer, SDR-26, 8 inch, Tr Det B, Modified  | 276      | Ft   | \$ 380.00    | \$ 104,880.00          |            | \$ -        |            | \$ -        |
| 107                         | Dr Structure Tap, 8 inch                   | 2        | Ea   | \$ 2,500.00  | \$ 5,000.00            |            | \$ -        |            | \$ -        |
| 108                         | Sanitary Sewer, Bypass Pumping             | 1        | LSUM | \$ 20,000.00 | \$ 20,000.00           |            | \$ -        |            | \$ -        |
| 109                         | HMA, 13A                                   | 175      | Ton  | \$ 200.00    | \$ 35,000.00           |            | \$ -        |            | \$ -        |
| <b>TOTAL SANITARY SEWER</b> |  |          |      |              | <b>\$ 207,315.00</b>   |            | <b>\$ -</b> |            | <b>\$ -</b> |
| <b>GRAND TOTAL</b>          |  |          |      |              | <b>\$ 2,565,858.00</b> |            | <b>\$ -</b> |            | <b>\$ -</b> |