

CITY OF MUSKEGON
9th Street Area Sewer Improvements
Bid Tabulations



| | | | | Hallack Contracting | | Jackson-Merkey Contractors, Inc. | | Kamminga & Roodvoets, Inc. | |
|----------|--|------|--------------------|---------------------|----------------|----------------------------------|----------------|----------------------------|----------------|
| ITEM NO. | ITEM DESCRIPTION | UNIT | ESTIMATED QUANTITY | BID UNIT PRICE | BID AMOUNT | BID UNIT PRICE | BID AMOUNT | BID UNIT PRICE | BID AMOUNT |
| 1 | Mobilization, Bonds & Insurance (5% Max.) | LSum | 1 | \$75,000.00 | \$75,000.00 | \$90,000.00 | \$90,000.00 | \$110,000.00 | \$110,000.00 |
| 2 | Above Ground Video Survey | LSum | 1 | \$5,600.00 | \$5,600.00 | \$1,720.00 | \$1,720.00 | \$9,385.00 | \$9,385.00 |
| 3 | Cold Milling HMA | Syd | 9,170 | \$1.50 | \$13,755.00 | \$3.20 | \$29,344.00 | \$3.20 | \$29,344.00 |
| 4 | Tree, Rem, 6 inch to 18 inch | Ea | 3 | \$320.00 | \$960.00 | \$750.00 | \$2,250.00 | \$750.00 | \$2,250.00 |
| 5 | Curb and Gutter, Rem | LFt | 1,980 | \$2.00 | \$3,960.00 | \$4.50 | \$8,910.00 | \$5.00 | \$9,900.00 |
| 6 | Sidewalk, Rem | Syd | 102 | \$4.00 | \$408.00 | \$9.40 | \$958.80 | \$10.00 | \$1,020.00 |
| 7 | Dr Structure, Rem | Ea | 23 | \$385.00 | \$8,855.00 | \$655.00 | \$15,065.00 | \$250.00 | \$5,750.00 |
| 8 | Concrete Pavt, Rem | Syd | 1,140 | \$5.00 | \$5,700.00 | \$8.30 | \$9,462.00 | \$7.00 | \$7,980.00 |
| 9 | HMA Driveway, Rem | Syd | 441 | \$4.00 | \$1,764.00 | \$7.80 | \$3,439.80 | \$4.50 | \$1,984.50 |
| 10 | Salvage & Replace, Wooden Ramp | Ea | 2 | \$250.00 | \$500.00 | \$190.00 | \$380.00 | \$1,500.00 | \$3,000.00 |
| 11 | Abandon & Fill Existing Sanitary Manhole | Ea | 7 | \$850.00 | \$5,950.00 | \$785.00 | \$5,495.00 | \$2,500.00 | \$17,500.00 |
| 12 | Abandon & Fill Existing Sanitary Sewer | Cyd | 200 | \$125.00 | \$25,000.00 | \$125.00 | \$25,000.00 | \$300.00 | \$60,000.00 |
| 13 | Sanitary/Storm Sewer, Rem, 18 inch or less | Ft | 2,231 | \$5.00 | \$11,155.00 | \$5.00 | \$11,155.00 | \$18.00 | \$40,158.00 |
| 14 | Contaminated Soils Testing | Dir | 4,000 | \$1.00 | \$4,000.00 | \$1.00 | \$4,000.00 | \$1.00 | \$4,000.00 |
| 15 | Non-Hazardous Contaminated Material Handling and Disposal | Ton | 1,000 | \$22.50 | \$22,500.00 | \$40.00 | \$40,000.00 | \$36.50 | \$36,500.00 |
| 16 | Subgrade Undercutting, Type II | Cyd | 100 | \$15.00 | \$1,500.00 | \$1.00 | \$100.00 | \$18.00 | \$1,800.00 |
| 17 | Trench Undercutting and Backfill | Cyd | 500 | \$15.00 | \$7,500.00 | \$1.00 | \$500.00 | \$35.00 | \$17,500.00 |
| 18 | Maintenance Gravel, LM | Cyd | 100 | \$15.00 | \$1,500.00 | \$10.00 | \$1,000.00 | \$33.50 | \$3,350.00 |
| 19 | Subbase, 12 inch, CIP | Cyd | 2,934 | \$12.50 | \$36,675.00 | \$1.00 | \$2,934.00 | \$6.50 | \$19,071.00 |
| 20 | Roadway Grading | Sta | 36.25 | \$5,250.00 | \$190,312.50 | \$2,920.00 | \$105,850.00 | \$6,410.00 | \$232,362.50 |
| 21 | Aggregate Base, 8 inch, 22A | Syd | 7,120 | \$10.00 | \$71,200.00 | \$10.50 | \$74,760.00 | \$13.50 | \$96,120.00 |
| 22 | Aggregate Base, 4 inch, 22A | Syd | 365 | \$8.50 | \$3,102.50 | \$8.00 | \$2,920.00 | \$11.00 | \$4,015.00 |
| 23 | Driveway Aggregate, 6 inch, 22A | Syd | 551 | \$10.00 | \$5,510.00 | \$9.00 | \$4,959.00 | \$13.35 | \$7,355.85 |
| 24 | Aggregate Surface Course, 8 inch, 21AA | Syd | 1,165 | \$15.00 | \$17,475.00 | \$10.00 | \$11,650.00 | \$17.75 | \$20,678.75 |
| 25 | Driveway Surface Aggregate, 6 inch, 21AA | Syd | 103 | \$12.50 | \$1,287.50 | \$9.00 | \$927.00 | \$15.00 | \$1,545.00 |
| 26 | Dr Structure Cover, Adj | Ea | 29 | \$450.00 | \$13,050.00 | \$675.00 | \$19,575.00 | \$600.00 | \$17,400.00 |
| 27 | Valve Box, Adjust | Ea | 15 | \$425.00 | \$6,375.00 | \$335.00 | \$5,025.00 | \$400.00 | \$6,000.00 |
| 28 | Driveway, HMA 36A, 3" (2 Lifts) | Ton | 106 | \$156.00 | \$16,536.00 | \$155.00 | \$16,430.00 | \$160.00 | \$16,960.00 |
| 29 | HMA, LVSP - 2" Leveling | Ton | 1,044 | \$101.00 | \$105,444.00 | \$101.00 | \$105,444.00 | \$105.82 | \$110,476.08 |
| 30 | HMA, LVSP - 2" Surface | Ton | 1,044 | \$105.00 | \$109,620.00 | \$105.00 | \$109,620.00 | \$109.74 | \$114,568.56 |
| 31 | HMA, LVSP - 1.5" (Alley) | Ton | 30 | \$171.00 | \$5,130.00 | \$170.00 | \$5,100.00 | \$175.00 | \$5,250.00 |
| 32 | HMA, LVSP - 1.5" (Alley) | Ton | 30 | \$176.00 | \$5,280.00 | \$175.00 | \$5,250.00 | \$180.00 | \$5,400.00 |
| 33 | Curb and Gutter, Conc, Det F4 | LFt | 2,640 | \$16.00 | \$42,240.00 | \$12.00 | \$31,680.00 | \$18.00 | \$47,520.00 |
| 34 | Concrete Pavt, Nonreinf, 6 inch | Sft | 7,475 | \$5.50 | \$41,112.50 | \$3.00 | \$22,425.00 | \$4.75 | \$35,506.25 |
| 35 | Concrete Sidewalk, 4 inch | Sft | 510 | \$5.00 | \$2,550.00 | \$3.10 | \$1,581.00 | \$4.50 | \$2,295.00 |
| 36 | Concrete Sidewalk Ramp, 6 inch | Sft | 560 | \$7.50 | \$4,200.00 | \$5.00 | \$2,800.00 | \$6.40 | \$3,584.00 |
| 37 | Detectable Warning Surface | LFt | 50 | \$35.00 | \$1,750.00 | \$72.00 | \$3,600.00 | \$45.00 | \$2,250.00 |
| 38 | Bore and Jack, 36" Steel Casing (180 +/- LFT) | LSum | 1 | \$115,000.00 | \$115,000.00 | \$192,500.00 | \$192,500.00 | \$95,000.00 | \$95,000.00 |
| 39 | Pipe Insulation | LFt | 265 | \$5.00 | \$1,325.00 | \$13.50 | \$3,577.50 | \$11.30 | \$2,994.50 |
| 40 | 8" Sanitary Sewer | LFt | 1,692 | \$100.00 | \$169,200.00 | \$78.50 | \$132,822.00 | \$97.00 | \$164,124.00 |
| 41 | 10" Sanitary Sewer | LFt | 10 | \$105.00 | \$1,050.00 | \$76.50 | \$765.00 | \$110.00 | \$1,100.00 |
| 42 | 12" Sanitary Sewer | LFt | 10 | \$110.00 | \$1,100.00 | \$80.50 | \$805.00 | \$115.00 | \$1,150.00 |
| 43 | 18" Sanitary Sewer | LFt | 2,110 | \$115.00 | \$242,650.00 | \$88.00 | \$185,680.00 | \$135.00 | \$284,850.00 |
| 44 | 24" Sanitary Sewer | LFt | 194 | \$120.00 | \$23,280.00 | \$90.50 | \$17,557.00 | \$145.00 | \$28,130.00 |
| 45 | 30" Sanitary Sewer | LFt | 317 | \$125.00 | \$39,625.00 | \$105.00 | \$33,285.00 | \$179.00 | \$56,743.00 |
| 46 | 6" Sanitary Lateral | LFt | 496 | \$20.00 | \$9,920.00 | \$65.00 | \$32,240.00 | \$80.00 | \$39,680.00 |
| 47 | 18" X 6" Wye | Ea | 29 | \$850.00 | \$24,650.00 | \$500.00 | \$14,500.00 | \$425.00 | \$12,325.00 |
| 48 | Dewatering | LFt | 3,275 | \$5.50 | \$18,012.50 | \$10.00 | \$32,750.00 | \$77.00 | \$252,175.00 |
| 49 | Dr Structure Cover, Type Q | Ea | 21 | \$985.00 | \$20,685.00 | \$365.00 | \$7,665.00 | \$450.00 | \$9,450.00 |
| 50 | 4' Sanitary Manhole | Ea | 16 | \$4,550.00 | \$72,800.00 | \$3,990.00 | \$63,840.00 | \$4,135.00 | \$66,160.00 |
| 51 | 4' Sanitary Manhole, Outside Drop | Ea | 3 | \$6,000.00 | \$18,000.00 | \$18,300.00 | \$54,900.00 | \$8,000.00 | \$24,000.00 |
| 52 | 5' Sanitary Manhole | Ea | 1 | \$5,700.00 | \$5,700.00 | \$5,090.00 | \$5,090.00 | \$5,000.00 | \$5,000.00 |
| 53 | 7' Sanitary Manhole, "Doghouse" | Ea | 1 | \$9,850.00 | \$9,850.00 | \$12,200.00 | \$12,200.00 | \$7,750.00 | \$7,750.00 |
| 54 | Connect to Existing Sanitary Sewer | Ea | 8 | \$1,050.00 | \$8,400.00 | \$695.00 | \$5,560.00 | \$650.00 | \$5,200.00 |
| 55 | Bypass Pumping | LSum | 1 | \$35,000.00 | \$35,000.00 | \$97,500.00 | \$97,500.00 | \$75,000.00 | \$75,000.00 |
| 56 | Storm CB, 24 inch Dia | Ea | 3 | \$1,850.00 | \$5,550.00 | \$1,500.00 | \$4,500.00 | \$1,250.00 | \$3,750.00 |
| 57 | Dr Structure Cover, Type C | Ea | 3 | \$1,200.00 | \$3,600.00 | \$525.00 | \$1,575.00 | \$550.00 | \$1,650.00 |
| 58 | 12" Storm Sewer, Conc. | LFt | 252 | \$50.00 | \$12,600.00 | \$66.00 | \$16,632.00 | \$45.00 | \$11,340.00 |
| 59 | Dr Structure Tap, 12 inch | Ea | 3 | \$400.00 | \$1,200.00 | \$640.00 | \$1,920.00 | \$250.00 | \$750.00 |
| 60 | Hold Utility Pole | Ea | 1 | \$500.00 | \$500.00 | \$1,220.00 | \$1,220.00 | \$1,250.00 | \$1,250.00 |
| 61 | 16" Watermain, DI | LFt | 25 | \$165.00 | \$4,125.00 | \$125.00 | \$3,125.00 | \$170.00 | \$4,250.00 |
| 62 | 16" x 45" Bend | Ea | 4 | \$1,650.00 | \$6,600.00 | \$1,690.00 | \$6,760.00 | \$2,250.00 | \$9,000.00 |
| 63 | Connect to Existing Watermain | Ea | 2 | \$4,000.00 | \$8,000.00 | \$2,800.00 | \$5,600.00 | \$2,500.00 | \$5,000.00 |
| 64 | Cut & Plug Existing Watermain | Ea | 2 | \$1,500.00 | \$3,000.00 | \$500.00 | \$1,000.00 | \$1,250.00 | \$2,500.00 |
| 65 | Exploratory Digging | Hrs | 10 | \$400.00 | \$4,000.00 | \$100.00 | \$1,000.00 | \$650.00 | \$6,500.00 |
| 66 | Erosion Control, Silt Fence | LFt | 825 | \$2.00 | \$1,650.00 | \$2.70 | \$2,227.50 | \$2.40 | \$1,980.00 |
| 67 | Inlet Protection Fabric Drop | Ea | 31 | \$85.00 | \$2,635.00 | \$125.00 | \$3,875.00 | \$130.00 | \$4,030.00 |
| 68 | Surface Restoration | Syd | 3,300 | \$5.00 | \$16,500.00 | \$4.00 | \$13,200.00 | \$6.75 | \$22,275.00 |
| 69 | Irrigation Repair (Allowance) | Dir | 2,000 | \$1.00 | \$2,000.00 | \$1.00 | \$2,000.00 | \$1.00 | \$2,000.00 |
| 70 | Pavt Mrkg, Cold Plastic, 24 inch Stop Bar | LFt | 130 | \$11.00 | \$1,430.00 | \$12.50 | \$1,625.00 | \$12.50 | \$1,625.00 |
| 71 | Pavt Mrkg, Cold Plastic, 6 inch Crosswalk | LFt | 400 | \$2.50 | \$1,000.00 | \$2.95 | \$1,180.00 | \$2.95 | \$1,180.00 |
| 72 | Pavt Mrkg, Waterborne, 4 inch Yellow | LFt | 2,470 | \$0.40 | \$988.00 | \$0.45 | \$1,111.50 | \$0.45 | \$1,111.50 |
| 73 | Pavt Mrkg, Waterborne, 4 inch White | LFt | 715 | \$0.40 | \$286.00 | \$0.45 | \$321.75 | \$0.45 | \$321.75 |
| 74 | Barricade, Type III, High Intensity, Lighted, Double Sided, Furn | Ea | 11 | \$125.00 | \$1,375.00 | \$60.00 | \$660.00 | \$70.00 | \$770.00 |
| 75 | Barricade, Type III, High Intensity, Lighted, Double Sided, Oper | Ea | 11 | \$1.50 | \$16.50 | \$1.00 | \$11.00 | \$1.00 | \$11.00 |
| 76 | Sign, Type B, Temp, Prismatic, Furn | Sft | 215 | \$5.00 | \$1,075.00 | \$4.00 | \$860.00 | \$4.00 | \$860.00 |
| 77 | Sign, Type B, Temp, Prismatic, Oper | Sft | 215 | \$1.50 | \$322.50 | \$1.00 | \$215.00 | \$1.00 | \$215.00 |
| 78 | Plastic Drum, High Intensity, Furn | Ea | 100 | \$19.00 | \$1,900.00 | \$16.00 | \$1,600.00 | \$26.00 | \$2,600.00 |
| 79 | Plastic Drum, High Intensity, Oper | Ea | 100 | \$1.50 | \$150.00 | \$1.00 | \$100.00 | \$1.00 | \$100.00 |
| 80 | Minor Traffic Devices | LSum | 1 | \$23,550.00 | \$23,550.00 | \$77,600.00 | \$77,600.00 | \$45,000.00 | \$45,000.00 |
| 81 | Railroad Flagger | Dir | 3,200 | \$1.00 | \$3,200.00 | \$1.00 | \$3,200.00 | \$1.00 | \$3,200.00 |
| | | | | Actual Total: | \$1,797,957.50 | Actual Total: | \$1,827,664.85 | Actual Total: | \$2,373,880.24 |
| | | | | As-Read Total: | \$1,797,957.50 | As-Read Total: | \$1,827,664.85 | As-Read Total: | \$2,373,880.24 |

Getty Street Forcemain Replacement
Bid Tabulations

| ITEM NO. | ITEM DESCRIPTION | UNIT | ESTIMATED QUANTITY | Hallack Contracting | | Jackson-Merkey Contractors, Inc. | | Kamminga & Roodvoets, Inc. | |
|--------------------------|--|------|--------------------|---------------------|----------------|----------------------------------|----------------|----------------------------|----------------|
| | | | | BID UNIT PRICE | BID AMOUNT | BID UNIT PRICE | BID AMOUNT | BID UNIT PRICE | BID AMOUNT |
| 1 | Mobilization | LSum | 1 | \$15,000.00 | \$15,000.00 | \$5,000.00 | \$5,000.00 | \$4,500.00 | \$4,500.00 |
| 2 | Above Ground Video Survey | LSum | 1 | \$2,045.00 | \$2,045.00 | \$935.00 | \$935.00 | \$1,250.00 | \$1,250.00 |
| 3 | Cold Milling HMA | Syd | 450 | \$3.00 | \$1,350.00 | \$6.50 | \$2,925.00 | \$7.40 | \$3,330.00 |
| 4 | Cold Milling HMA (SRF Inelgible) | Syd | 630 | \$5.00 | \$3,150.00 | \$5.30 | \$3,339.00 | \$5.40 | \$3,402.00 |
| 5 | Curb & Gutter, Remove | LFt | 250 | \$5.50 | \$1,375.00 | \$4.80 | \$1,200.00 | \$5.00 | \$1,250.00 |
| 6 | Roadway Grading | Sta | 3.0 | \$2,705.00 | \$8,115.00 | \$2,500.00 | \$7,500.00 | \$1,250.00 | \$3,750.00 |
| 7 | Subgrade Undercutting, Type II | Cyd | 50 | \$14.00 | \$700.00 | \$1.00 | \$50.00 | \$18.00 | \$900.00 |
| 8 | Subbase, 12 inch, CIP | Cyd | 150 | \$14.00 | \$2,100.00 | \$1.00 | \$150.00 | \$7.65 | \$1,147.50 |
| 9 | Aggregate Base, 8 inch, 22A | Syd | 450 | \$7.00 | \$3,150.00 | \$13.50 | \$6,075.00 | \$13.00 | \$5,850.00 |
| 10 | Drainage Structure Cover, Adjust | Ea | 1 | \$331.00 | \$331.00 | \$675.00 | \$675.00 | \$650.00 | \$650.00 |
| 11 | Valve Box, Adjust (SRF Inelgible) | Ea | 2 | \$501.00 | \$1,002.00 | \$335.00 | \$670.00 | \$300.00 | \$600.00 |
| 12 | HMA, LVSP - 2" Leveling | Ton | 55 | \$110.00 | \$6,050.00 | \$107.00 | \$5,885.00 | \$112.00 | \$6,160.00 |
| 13 | HMA, LVSP - 2" Surface | Ton | 55 | \$116.00 | \$6,380.00 | \$112.00 | \$6,160.00 | \$117.00 | \$6,435.00 |
| 14 | HMA, LVSP - 2" Leveling (SRF Inelgible) | Ton | 75 | \$110.00 | \$8,250.00 | \$107.00 | \$8,025.00 | \$112.00 | \$8,400.00 |
| 15 | HMA, LVSP - 2" Surface (SRF Inelgible) | Ton | 75 | \$116.00 | \$8,700.00 | \$112.00 | \$8,400.00 | \$117.00 | \$8,775.00 |
| 16 | Curb & Gutter, Concrete, Det F4 | Ft | 250 | \$20.50 | \$5,125.00 | \$18.00 | \$4,500.00 | \$20.00 | \$5,000.00 |
| 17 | Exploratory Digging | Hrs | 4 | \$340.00 | \$1,360.00 | \$100.00 | \$400.00 | \$650.00 | \$2,600.00 |
| 18 | 8" Forcemain, D.I. | LFt | 245 | \$43.00 | \$10,535.00 | \$62.50 | \$15,312.50 | \$75.00 | \$18,375.00 |
| 19 | 8" x 45° Bend | Ea | 2 | \$932.00 | \$1,864.00 | \$565.00 | \$1,130.00 | \$500.00 | \$1,000.00 |
| 20 | Forcemain Inside Drop, 8 inch | Ea | 1 | \$2,110.00 | \$2,110.00 | \$5,720.00 | \$5,720.00 | \$3,000.00 | \$3,000.00 |
| 21 | Cut and Plug Ex. Forcemain | Ea | 2 | \$1,580.00 | \$3,160.00 | \$750.00 | \$1,500.00 | \$500.00 | \$1,000.00 |
| 22 | Connect to Ex. Forcemain | Ea | 1 | \$1,450.00 | \$1,450.00 | \$2,340.00 | \$2,340.00 | \$1,500.00 | \$1,500.00 |
| 23 | Connect to Ex. Sanitary Manhole | Ea | 1 | \$1,450.00 | \$1,450.00 | \$1,840.00 | \$1,840.00 | \$1,500.00 | \$1,500.00 |
| 24 | Erosion Control, Silt Fence | LFt | 110 | \$2.00 | \$220.00 | \$3.00 | \$330.00 | \$2.70 | \$297.00 |
| 25 | Surface Restoration | Syd | 450 | \$3.00 | \$1,350.00 | \$4.00 | \$1,800.00 | \$7.50 | \$3,375.00 |
| 26 | Erosion Control, Inlet Protection | Ea | 5 | \$85.00 | \$425.00 | \$125.00 | \$625.00 | \$150.00 | \$750.00 |
| 27 | Pvt Mrkg, Waterborne, 4", Yellow | LFt | 755 | \$1.00 | \$755.00 | \$1.75 | \$1,321.25 | \$1.75 | \$1,321.25 |
| 28 | Barricade, Type III, High Intensity, Lighted, Double Sided, Furn | Ea | 3 | \$103.00 | \$309.00 | \$60.00 | \$180.00 | \$17.00 | \$51.00 |
| 29 | Barricade, Type III, High Intensity, Lighted, Double Sided, Oper | Ea | 3 | \$1.00 | \$3.00 | \$1.00 | \$3.00 | \$1.00 | \$3.00 |
| 30 | Sign, Type B, Temp, Prismatic, Furn | Sft | 100 | \$4.00 | \$400.00 | \$3.50 | \$350.00 | \$3.50 | \$350.00 |
| 31 | Sign, Type B, Temp, Prismatic, Oper | Sft | 100 | \$1.00 | \$100.00 | \$1.00 | \$100.00 | \$1.00 | \$100.00 |
| 32 | Plastic Drum, High Intensity, Furn | Ea | 50 | \$15.50 | \$775.00 | \$16.00 | \$800.00 | \$20.00 | \$1,000.00 |
| 33 | Plastic Drum, High Intensity, Oper | Ea | 50 | \$1.00 | \$50.00 | \$1.00 | \$50.00 | \$1.00 | \$50.00 |
| 34 | Minor Traffic Devices | LSum | 1 | \$2,875.00 | \$2,875.00 | \$8,700.00 | \$8,700.00 | \$6,500.00 | \$6,500.00 |
| Actual Total: | | | | | \$102,014.00 | Actual Total: | \$103,990.75 | Actual Total: | \$104,171.75 |
| As-Read Total: | | | | | \$102,014.00 | As-Read Total: | \$103,990.75 | As-Read Total: | \$104,171.75 |
| TOTAL OF ALL BID PRICES: | | | | | \$1,899,971.50 | TOTAL OF ALL BID PRICES: | \$1,931,655.60 | TOTAL OF ALL BID PRICES: | \$2,478,051.99 |