

Owner: City of Grand Haven
Project Name: Harbor Drive Reconstruction Project
Project Number: 17-1190
Date and Time: Wednesday, April 11, 10:00 AM

Legend: Low Bidder
Correction

Unit Price Bid Tabulation

Base Bid: Harbor Drive Reconstruction

| Item | Unit | Est. Quantity | Engineer's Estimate | | Jackson-Merkey Contractors, | | Kamminga & Roodvoets | | Al's Excavating Inc. | | Nagel Construction Inc. | | Schippers Excavating | | |
|------|--|---------------|---------------------|---------------|-----------------------------|---------------|----------------------|---------------|----------------------|---------------|-------------------------|---------------|----------------------|---------------|---------------|
| | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | |
| 1 | Mobilization, Max \$115,000 | LSUM | 1 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 115,000.00 | |
| 2 | Tree, Rem, 6 inch to 18 inch | Ea | 3 | \$ 850.00 | \$ 2,550.00 | \$ 455.00 | \$ 1,365.00 | \$ 650.00 | \$ 1,950.00 | \$ 300.00 | \$ 900.00 | \$ 625.00 | \$ 1,875.00 | \$ 800.00 | \$ 2,400.00 |
| 3 | Dr Structure, Rem | Ea | 25 | \$ 375.00 | \$ 9,375.00 | \$ 300.00 | \$ 7,500.00 | \$ 285.00 | \$ 7,125.00 | \$ 200.00 | \$ 5,000.00 | \$ 100.00 | \$ 2,500.00 | \$ 500.00 | \$ 12,500.00 |
| 4 | Sewer, Rem, Less than 24 inch | Ft | 3,555 | \$ 10.00 | \$ 35,550.00 | \$ 6.80 | \$ 24,174.00 | \$ 23.20 | \$ 82,476.00 | \$ 4.00 | \$ 14,220.00 | \$ 15.00 | \$ 53,325.00 | \$ 10.00 | \$ 35,550.00 |
| 5 | Sewer, Rem, 24 inch to 48 inch | Ft | 1,020 | \$ 15.00 | \$ 15,300.00 | \$ 7.60 | \$ 7,752.00 | \$ 26.75 | \$ 27,285.00 | \$ 6.00 | \$ 6,120.00 | \$ 50.00 | \$ 51,000.00 | \$ 15.00 | \$ 15,300.00 |
| 6 | Curb and Gutter, Rem | Ft | 2,045 | \$ 8.50 | \$ 17,382.50 | \$ 4.00 | \$ 8,180.00 | \$ 5.50 | \$ 11,247.50 | \$ 6.00 | \$ 12,270.00 | \$ 4.00 | \$ 8,180.00 | \$ 6.00 | \$ 12,270.00 |
| 7 | Masonry and Conc Structure, Rem | Cyd | 20 | \$ 150.00 | \$ 3,000.00 | \$ 66.00 | \$ 1,320.00 | \$ 35.50 | \$ 710.00 | \$ 50.00 | \$ 1,000.00 | \$ 350.00 | \$ 7,000.00 | \$ 100.00 | \$ 2,000.00 |
| 8 | Pavt, Rem | Syd | 4,670 | \$ 9.50 | \$ 44,365.00 | \$ 6.90 | \$ 32,223.00 | \$ 9.25 | \$ 43,197.50 | \$ 7.00 | \$ 32,690.00 | \$ 6.00 | \$ 28,020.00 | \$ 9.00 | \$ 42,030.00 |
| 9 | Sidewalk, Rem | Syd | 1,370 | \$ 9.00 | \$ 12,330.00 | \$ 4.70 | \$ 6,439.00 | \$ 6.25 | \$ 8,562.50 | \$ 6.00 | \$ 8,220.00 | \$ 3.00 | \$ 4,110.00 | \$ 7.00 | \$ 9,590.00 |
| 10 | Exploratory Investigation, Vertical | Ft | 50 | \$ 30.00 | \$ 1,500.00 | \$ 50.00 | \$ 2,500.00 | \$ 35.15 | \$ 1,757.50 | \$ 75.00 | \$ 3,750.00 | \$ 135.00 | \$ 6,750.00 | \$ 50.00 | \$ 2,500.00 |
| 11 | Asbestos Materials, Rem and Disposal | Dir | 5,000 | \$ 1.00 | \$ 5,000.00 | \$ 1.00 | \$ 5,000.00 | \$ 1.00 | \$ 5,000.00 | \$ 1.00 | \$ 5,000.00 | \$ 1.00 | \$ 5,000.00 | \$ 1.00 | \$ 5,000.00 |
| 12 | Machine Grading | Sta | 9 | \$ 2,500.00 | \$ 22,500.00 | \$ 5,360.00 | \$ 48,240.00 | \$ 3,780.00 | \$ 34,020.00 | \$ 2,500.00 | \$ 22,500.00 | \$ 7,500.00 | \$ 67,500.00 | \$ 5,000.00 | \$ 45,000.00 |
| 13 | Subgrade Undercutting, Type II | Cyd | 150 | \$ 15.00 | \$ 2,250.00 | \$ 0.10 | \$ 15.00 | \$ 18.00 | \$ 2,700.00 | \$ 1.00 | \$ 150.00 | \$ 17.00 | \$ 2,550.00 | \$ 14.00 | \$ 2,100.00 |
| 14 | Erosion Control, Inlet Protection, Fabric Drop | Ea | 20 | \$ 95.00 | \$ 1,900.00 | \$ 130.00 | \$ 2,600.00 | \$ 150.00 | \$ 3,000.00 | \$ 100.00 | \$ 2,000.00 | \$ 180.00 | \$ 3,600.00 | \$ 150.00 | \$ 3,000.00 |
| 15 | Erosion Control, Sand Fence | Ft | 500 | \$ 1.90 | \$ 950.00 | \$ 2.50 | \$ 1,250.00 | \$ 2.15 | \$ 1,075.00 | \$ 5.00 | \$ 2,500.00 | \$ 5.00 | \$ 2,500.00 | \$ 10.00 | \$ 5,000.00 |
| 16 | Erosion Control, Silt Fence | Ft | 500 | \$ 2.50 | \$ 1,250.00 | \$ 1.00 | \$ 500.00 | \$ 2.15 | \$ 1,075.00 | \$ 2.00 | \$ 1,000.00 | \$ 5.00 | \$ 2,500.00 | \$ 3.00 | \$ 1,500.00 |
| 17 | Subbase, CIP | Cyd | 1,710 | \$ 10.00 | \$ 17,100.00 | \$ 0.10 | \$ 171.00 | \$ 12.00 | \$ 20,520.00 | \$ 12.50 | \$ 21,375.00 | \$ 14.00 | \$ 23,940.00 | \$ 12.50 | \$ 21,375.00 |
| 18 | Aggregate Base, 8 inch | Syd | 5,130 | \$ 8.00 | \$ 41,040.00 | \$ 9.15 | \$ 46,939.50 | \$ 11.35 | \$ 58,225.50 | \$ 12.00 | \$ 61,560.00 | \$ 11.00 | \$ 56,430.00 | \$ 10.00 | \$ 51,300.00 |
| 19 | Maintenance Gravel, LM | Cyd | 500 | \$ 22.50 | \$ 11,250.00 | \$ 2.00 | \$ 1,000.00 | \$ 27.50 | \$ 13,750.00 | \$ 50.00 | \$ 25,000.00 | \$ 20.00 | \$ 10,000.00 | \$ 20.00 | \$ 10,000.00 |
| 20 | Steel Casing Pipe, 42 inch, Jacked in Place | Ft | 114 | \$ 425.00 | \$ 48,450.00 | \$ 410.00 | \$ 46,740.00 | \$ 485.00 | \$ 55,290.00 | \$ 460.00 | \$ 52,440.00 | \$ 800.00 | \$ 91,200.00 | \$ 600.00 | \$ 68,400.00 |
| 21 | Sewer, CI IV, 12 inch, Tr Det B | Ft | 672 | \$ 60.00 | \$ 40,320.00 | \$ 41.00 | \$ 27,552.00 | \$ 32.00 | \$ 21,504.00 | \$ 34.00 | \$ 22,848.00 | \$ 60.00 | \$ 40,320.00 | \$ 55.00 | \$ 36,960.00 |
| 22 | Sewer, CI IV, 30 inch, Tr Det B | Ft | 20 | \$ 150.00 | \$ 3,000.00 | \$ 150.00 | \$ 3,000.00 | \$ 106.50 | \$ 2,130.00 | \$ 150.00 | \$ 3,000.00 | \$ 175.00 | \$ 3,500.00 | \$ 120.00 | \$ 2,400.00 |
| 23 | Dewatering System | LSUM | 1 | \$ 40,000.00 | \$ 40,000.00 | \$ 75,000.00 | \$ 75,000.00 | \$ 50,000.00 | \$ 50,000.00 | \$ 30,000.00 | \$ 30,000.00 | \$ 50,000.00 | \$ 50,000.00 | \$ 100,000.00 | \$ 100,000.00 |
| 24 | Dr Structure Cover, Adj, Case 1 | Ea | 5 | \$ 450.00 | \$ 2,250.00 | \$ 440.00 | \$ 2,200.00 | \$ 365.00 | \$ 1,825.00 | \$ 450.00 | \$ 2,250.00 | \$ 500.00 | \$ 2,500.00 | \$ 600.00 | \$ 3,000.00 |
| 25 | Dr Structure Cover, Type K | Ea | 9 | \$ 650.00 | \$ 5,850.00 | \$ 500.00 | \$ 4,500.00 | \$ 485.00 | \$ 4,365.00 | \$ 700.00 | \$ 6,300.00 | \$ 1,300.00 | \$ 11,700.00 | \$ 1,000.00 | \$ 9,000.00 |
| 26 | Dr Structure, 48 inch dia | Ea | 14 | \$ 2,000.00 | \$ 28,000.00 | \$ 1,950.00 | \$ 27,300.00 | \$ 1,500.00 | \$ 21,000.00 | \$ 1,750.00 | \$ 24,500.00 | \$ 2,000.00 | \$ 28,000.00 | \$ 2,600.00 | \$ 36,400.00 |
| 27 | Dr Structure, 60 inch dia | Ea | 1 | \$ 2,750.00 | \$ 2,750.00 | \$ 2,965.00 | \$ 2,965.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 2,750.00 | \$ 2,750.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 3,000.00 | \$ 3,000.00 |
| 28 | Dr Structure Cover, Type B, Self Leveling | Ea | 10 | \$ 1,150.00 | \$ 11,500.00 | \$ 850.00 | \$ 8,500.00 | \$ 850.00 | \$ 8,500.00 | \$ 1,400.00 | \$ 14,000.00 | \$ 2,000.00 | \$ 20,000.00 | \$ 1,600.00 | \$ 16,000.00 |
| 29 | Dr Structure Cover, Type Q, Modified | Ea | 2 | \$ 650.00 | \$ 1,300.00 | \$ 350.00 | \$ 700.00 | \$ 375.00 | \$ 750.00 | \$ 500.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 2,000.00 | \$ 900.00 | \$ 1,800.00 |
| 30 | Dr Structure Cover, Type Q, Self Leveling | Ea | 7 | \$ 1,150.00 | \$ 8,050.00 | \$ 850.00 | \$ 5,950.00 | \$ 850.00 | \$ 5,950.00 | \$ 1,400.00 | \$ 9,800.00 | \$ 2,000.00 | \$ 14,000.00 | \$ 1,600.00 | \$ 11,200.00 |
| 31 | HMA, 4E1 | Ton | 785 | \$ 72.00 | \$ 56,520.00 | \$ 69.80 | \$ 54,793.00 | \$ 69.80 | \$ 54,793.00 | \$ 70.00 | \$ 54,950.00 | \$ 71.00 | \$ 55,735.00 | \$ 80.00 | \$ 62,800.00 |
| 32 | HMA, 5E1 | Ton | 520 | \$ 80.00 | \$ 41,600.00 | \$ 80.76 | \$ 41,995.20 | \$ 80.76 | \$ 41,995.20 | \$ 81.00 | \$ 42,120.00 | \$ 82.00 | \$ 42,640.00 | \$ 84.00 | \$ 43,680.00 |
| 33 | HMA Approach | Ton | 125 | \$ 110.00 | \$ 13,750.00 | \$ 80.76 | \$ 10,095.00 | \$ 80.76 | \$ 10,095.00 | \$ 81.00 | \$ 10,125.00 | \$ 81.00 | \$ 10,125.00 | \$ 95.00 | \$ 11,875.00 |
| 34 | Cement | Ton | 5 | \$ 175.00 | \$ 875.00 | \$ 175.00 | \$ 875.00 | \$ 175.00 | \$ 875.00 | \$ 200.00 | \$ 1,000.00 | \$ 175.00 | \$ 875.00 | \$ 200.00 | \$ 1,000.00 |
| 35 | Driveway, Nonreinf Conc, 8 inch | Syd | 290 | \$ 48.00 | \$ 13,920.00 | \$ 35.00 | \$ 10,150.00 | \$ 55.00 | \$ 15,950.00 | \$ 40.00 | \$ 11,600.00 | \$ 40.00 | \$ 11,600.00 | \$ 45.00 | \$ 13,050.00 |
| 36 | Curb and Gutter, Conc, Det C4 | Ft | 1,800 | \$ 20.00 | \$ 36,000.00 | \$ 12.00 | \$ 21,600.00 | \$ 18.25 | \$ 32,850.00 | \$ 14.00 | \$ 25,200.00 | \$ 14.00 | \$ 25,200.00 | \$ 16.00 | \$ 28,800.00 |
| 37 | Driveway Opening, Conc, Det M | Ft | 250 | \$ 22.00 | \$ 5,500.00 | \$ 15.00 | \$ 3,750.00 | \$ 23.25 | \$ 5,812.50 | \$ 16.00 | \$ 4,000.00 | \$ 16.00 | \$ 4,000.00 | \$ 20.00 | \$ 5,000.00 |
| 38 | Curb Ramp Opening, Conc | Ft | 153 | \$ 22.00 | \$ 3,366.00 | \$ 15.00 | \$ 2,295.00 | \$ 22.50 | \$ 3,442.50 | \$ 16.00 | \$ 2,448.00 | \$ 16.00 | \$ 2,448.00 | \$ 20.00 | \$ 3,060.00 |
| 39 | Sidewalk Ramp, Conc, 6 inch | Sft | 2,445 | \$ 6.00 | \$ 14,670.00 | \$ 4.45 | \$ 10,880.25 | \$ 6.20 | \$ 15,159.00 | \$ 5.00 | \$ 12,225.00 | \$ 4.50 | \$ 11,002.50 | \$ 6.00 | \$ 14,670.00 |
| 40 | Sidewalk, Conc, 4 inch | Sft | 10,495 | \$ 3.75 | \$ 39,356.25 | \$ 2.55 | \$ 26,762.25 | \$ 3.85 | \$ 40,405.75 | \$ 3.00 | \$ 31,485.00 | \$ 2.85 | \$ 29,910.75 | \$ 4.00 | \$ 41,980.00 |
| 41 | Detectable Warning Surface, Cast Iron | Ft | 135 | \$ 70.00 | \$ 9,450.00 | \$ 70.00 | \$ 9,450.00 | \$ 55.00 | \$ 7,425.00 | \$ 70.00 | \$ 9,450.00 | \$ 60.00 | \$ 8,100.00 | \$ 85.00 | \$ 11,475.00 |
| 42 | Post Hole Through Conc for Steel Post | Ea | 6 | \$ 75.00 | \$ 450.00 | \$ 150.00 | \$ 900.00 | \$ 75.00 | \$ 450.00 | \$ 100.00 | \$ 600.00 | \$ 75.00 | \$ 450.00 | \$ 100.00 | \$ 600.00 |
| 43 | Post, Steel, 3 lb | Ft | 390 | \$ 7.50 | \$ 2,925.00 | \$ 6.15 | \$ 2,398.50 | \$ 6.00 | \$ 2,340.00 | \$ 6.00 | \$ 2,340.00 | \$ 6.00 | \$ 2,340.00 | \$ 10.00 | \$ 3,900.00 |
| 44 | Sign, Type III, Erect, Salv | Ea | 4 | \$ 50.00 | \$ 200.00 | \$ 45.00 | \$ 180.00 | \$ 50.00 | \$ 200.00 | \$ 50.00 | \$ 200.00 | \$ 50.00 | \$ 200.00 | \$ 100.00 | \$ 400.00 |
| 45 | Sign, Type III, Rem | Ea | 12 | \$ 15.00 | \$ 180.00 | \$ 30.00 | \$ 360.00 | \$ 25.00 | \$ 300.00 | \$ 25.00 | \$ 300.00 | \$ 25.00 | \$ 300.00 | \$ 50.00 | \$ 600.00 |
| 46 | Sign, Type IIIA | Sft | 10 | \$ 15.00 | \$ 150.00 | \$ 15.75 | \$ 157.50 | \$ 18.00 | \$ 180.00 | \$ 18.00 | \$ 180.00 | \$ 18.00 | \$ 180.00 | \$ 25.00 | \$ 250.00 |
| 47 | Sign, Type IIIB | Sft | 121 | \$ 15.00 | \$ 1,815.00 | \$ 16.00 | \$ 1,936.00 | \$ 18.00 | \$ 2,178.00 | \$ 18.00 | \$ 2,178.00 | \$ 18.00 | \$ 2,178.00 | \$ 25.00 | \$ 3,025.00 |
| 48 | Sign, Custom, Erect, Salv | Ea | 4 | \$ 500.00 | \$ 2,000.00 | \$ 365.00 | \$ 1,460.00 | \$ 350.00 | \$ 1,400.00 | \$ 500.00 | \$ 2,000.00 | \$ 200.00 | \$ 800.00 | \$ 500.00 | \$ 2,000.00 |
| 49 | Pavt Mrkg, Polyurea, 4 inch, White | Ft | 635 | \$ 0.75 | \$ 476.25 | \$ 0.85 | \$ 539.75 | \$ 0.85 | \$ 539.75 | \$ 1.00 | \$ 635.00 | \$ 0.85 | \$ 539.75 | \$ 1.00 | \$ 635.00 |
| 50 | Pavt Mrkg, Polyurea, 4 inch, Yellow | Ft | 1,095 | \$ 0.75 | \$ 821.25 | \$ 0.85 | \$ 930.75 | \$ 0.85 | \$ 930.75 | \$ 1.00 | \$ 1,095.00 | \$ 0.85 | \$ 930.75 | \$ 1.00 | \$ 1,095.00 |
| 51 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White | Ft | 60 | \$ 8.00 | \$ 480.00 | \$ 5.95 | \$ 357.00 | \$ 5.95 | \$ 357.00 | \$ 6.00 | \$ 360.00 | \$ 5.95 | \$ 357.00 | \$ 8.00 | \$ 480.00 |
| 52 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | Ft | 530 | \$ 5.00 | \$ 2,650.00 | \$ 5.95 | \$ 3,153.50 | \$ 5.95 | \$ 3,153.50 | \$ 6.00 | \$ 3,180.00 | \$ 6.00 | \$ 3,180.00 | \$ 8.00 | \$ 4,240.00 |
| 53 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | Ft | 132 | \$ 9.50 | \$ 1,254.00 | \$ 12.50 | \$ 1,650.00 | \$ 12.50 | \$ 1,650.00 | \$ 12.50 | \$ 1,650.00 | \$ 12.50 | \$ 1,650.00 | \$ 15.00 | \$ 1,980.00 |
| 54 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym | Ea | 2 | \$ 175.00 | \$ 350.00 | \$ 165.00 | \$ 330.00 | \$ 165.00 | \$ 330.00 | \$ 165.00 | \$ 330.00 | \$ 165.00 | \$ 330.00 | \$ 200.00 | \$ 400.00 |

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Project Name: Harbor Drive Reconstruction Project
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Legend:

| |
|------------|
| Low Bidder |
| Correction |

Unit Price Bid Tabulation

| | | | | | | | | | | | | | | | |
|-----|--|------|---------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|---------------|---------------|
| 55 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym | Ea | 2 | \$ 175.00 | \$ 350.00 | \$ 165.00 | \$ 330.00 | \$ 165.00 | \$ 330.00 | \$ 165.00 | \$ 330.00 | \$ 165.00 | \$ 330.00 | \$ 200.00 | \$ 400.00 |
| 56 | Barricade, Type III, High Intensity, Lighted, Furn | Ea | 15 | \$ 175.00 | \$ 2,625.00 | \$ 110.00 | \$ 1,650.00 | \$ 65.00 | \$ 975.00 | \$ 95.00 | \$ 1,425.00 | \$ 95.00 | \$ 1,425.00 | \$ 120.00 | \$ 1,800.00 |
| 57 | Barricade, Type III, High Intensity, Lighted, Oper | Ea | 15 | \$ 25.00 | \$ 375.00 | \$ 5.00 | \$ 75.00 | \$ 1.00 | \$ 15.00 | \$ 1.00 | \$ 15.00 | \$ 1.00 | \$ 15.00 | \$ 1.00 | \$ 15.00 |
| 58 | Dust Palliative, Applied | Ton | 10 | \$ 750.00 | \$ 7,500.00 | \$ 100.00 | \$ 1,000.00 | \$ 325.00 | \$ 3,250.00 | \$ 400.00 | \$ 4,000.00 | \$ 100.00 | \$ 1,000.00 | \$ 300.00 | \$ 3,000.00 |
| 59 | Minor Traf Devices | LSUM | 1 | \$ 15,000.00 | \$ 15,000.00 | \$ 12,500.00 | \$ 12,500.00 | \$ 15,000.00 | \$ 15,000.00 | \$ 75,000.00 | \$ 75,000.00 | \$ 32,000.00 | \$ 32,000.00 | \$ 170,000.00 | \$ 170,000.00 |
| 60 | Plastic Drum, High Intensity, Furn | Ea | 100 | \$ 20.00 | \$ 2,000.00 | \$ 11.00 | \$ 1,100.00 | \$ 23.50 | \$ 2,350.00 | \$ 23.00 | \$ 2,300.00 | \$ 23.00 | \$ 2,300.00 | \$ 30.00 | \$ 3,000.00 |
| 61 | Plastic Drum, High Intensity, Oper | Ea | 100 | \$ 5.00 | \$ 500.00 | \$ 0.50 | \$ 50.00 | \$ 1.00 | \$ 100.00 | \$ 1.00 | \$ 100.00 | \$ 1.00 | \$ 100.00 | \$ 1.00 | \$ 100.00 |
| 62 | Sign, Type B, Temp, Prismatic, Furn | Sft | 531 | \$ 6.50 | \$ 3,451.50 | \$ 3.25 | \$ 1,725.75 | \$ 3.50 | \$ 1,858.50 | \$ 3.00 | \$ 1,593.00 | \$ 3.00 | \$ 1,593.00 | \$ 4.00 | \$ 2,124.00 |
| 63 | Sign, Type B, Temp, Prismatic, Oper | Sft | 531 | \$ 1.50 | \$ 796.50 | \$ 0.15 | \$ 79.65 | \$ 1.00 | \$ 531.00 | \$ 1.00 | \$ 531.00 | \$ 1.00 | \$ 531.00 | \$ 1.00 | \$ 531.00 |
| 64 | Sign, Type B, Temp, Prismatic, Special, Furn | Sft | 150 | \$ 7.50 | \$ 1,125.00 | \$ 3.50 | \$ 525.00 | \$ 12.00 | \$ 1,800.00 | \$ 7.00 | \$ 1,050.00 | \$ 7.00 | \$ 1,050.00 | \$ 8.00 | \$ 1,200.00 |
| 65 | Sign, Type B, Temp, Prismatic, Special, Oper | Sft | 150 | \$ 1.50 | \$ 225.00 | \$ 0.40 | \$ 60.00 | \$ 1.00 | \$ 150.00 | \$ 1.00 | \$ 150.00 | \$ 1.00 | \$ 150.00 | \$ 1.00 | \$ 150.00 |
| 66 | Traf Regulator Control | LSUM | 1 | \$ 10,000.00 | \$ 10,000.00 | \$ 7,750.00 | \$ 7,750.00 | \$ 500.00 | \$ 500.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 30,000.00 | \$ 30,000.00 |
| 67 | Pedestrian Type II Barricade, Temp | Ea | 10 | \$ 500.00 | \$ 5,000.00 | \$ 115.00 | \$ 1,150.00 | \$ 65.00 | \$ 650.00 | \$ 200.00 | \$ 2,000.00 | \$ 95.00 | \$ 950.00 | \$ 200.00 | \$ 2,000.00 |
| 68 | Fertilizer, Chemical Nutrient, CI A | Lb | 75 | \$ 3.00 | \$ 225.00 | \$ 1.20 | \$ 90.00 | \$ 1.00 | \$ 75.00 | \$ 5.00 | \$ 375.00 | \$ 2.00 | \$ 150.00 | \$ 50.00 | \$ 3,750.00 |
| 69 | Mulch Blanket | Syd | 1,500 | \$ 1.75 | \$ 2,625.00 | \$ 1.00 | \$ 1,500.00 | \$ 1.50 | \$ 2,250.00 | \$ 1.50 | \$ 2,250.00 | \$ 2.00 | \$ 3,000.00 | \$ 2.00 | \$ 3,000.00 |
| 70 | Seeding, Mixture TDS | Lb | 75 | \$ 5.50 | \$ 412.50 | \$ 12.00 | \$ 900.00 | \$ 3.00 | \$ 225.00 | \$ 7.00 | \$ 525.00 | \$ 4.00 | \$ 300.00 | \$ 30.00 | \$ 2,250.00 |
| 71 | Topsoil Surface, Furn, 4 inch | Syd | 1,500 | \$ 3.50 | \$ 5,250.00 | \$ 4.75 | \$ 7,125.00 | \$ 5.25 | \$ 7,875.00 | \$ 5.25 | \$ 7,875.00 | \$ 9.00 | \$ 13,500.00 | \$ 4.00 | \$ 6,000.00 |
| 72 | Hardwood Mulch, 4 inch | Syd | 100 | \$ 4.50 | \$ 450.00 | \$ 4.95 | \$ 495.00 | \$ 9.65 | \$ 965.00 | \$ 10.00 | \$ 1,000.00 | \$ 32.00 | \$ 3,200.00 | \$ 15.00 | \$ 1,500.00 |
| 73 | Conduit Repr, Under Pavt | Ft | 50 | \$ 25.00 | \$ 1,250.00 | \$ 0.01 | \$ 0.50 | \$ 0.01 | \$ 0.50 | \$ 10.00 | \$ 500.00 | \$ 0.01 | \$ 0.50 | \$ 10.00 | \$ 500.00 |
| 74 | Traf Loop, Presence | Ea | 1 | \$ 750.00 | \$ 750.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,600.00 | \$ 1,600.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 2,000.00 | \$ 2,000.00 |
| 75 | Traf Loop, Calling | Ea | 3 | \$ 750.00 | \$ 2,250.00 | \$ 1,500.00 | \$ 4,500.00 | \$ 1,500.00 | \$ 4,500.00 | \$ 1,600.00 | \$ 4,800.00 | \$ 1,500.00 | \$ 4,500.00 | \$ 1,800.00 | \$ 5,400.00 |
| 76 | Gate Valve and Box, 4 inch | Ea | 1 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,020.00 | \$ 1,020.00 | \$ 1,050.00 | \$ 1,050.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 900.00 | \$ 900.00 | \$ 1,200.00 | \$ 1,200.00 |
| 77 | Gate Valve and Box, 6 inch | Ea | 1 | \$ 1,250.00 | \$ 1,250.00 | \$ 1,145.00 | \$ 1,145.00 | \$ 1,160.00 | \$ 1,160.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 1,300.00 | \$ 1,300.00 |
| 78 | Gate Valve and Box, 8 inch | Ea | 1 | \$ 1,700.00 | \$ 1,700.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,450.00 | \$ 1,450.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,700.00 | \$ 1,700.00 |
| 79 | Gate Valve and Box, 12 inch | Ea | 2 | \$ 2,100.00 | \$ 4,200.00 | \$ 2,455.00 | \$ 4,910.00 | \$ 2,275.00 | \$ 4,550.00 | \$ 3,000.00 | \$ 6,000.00 | \$ 2,300.00 | \$ 4,600.00 | \$ 3,000.00 | \$ 6,000.00 |
| 80 | Hydrant, Rem | Ea | 2 | \$ 500.00 | \$ 1,000.00 | \$ 375.00 | \$ 750.00 | \$ 550.00 | \$ 1,100.00 | \$ 1,000.00 | \$ 2,000.00 | \$ 1,200.00 | \$ 2,400.00 | \$ 1,000.00 | \$ 2,000.00 |
| 81 | Water Main, DI, 12 inch, Tr Det G, Modified | Ft | 885 | \$ 85.00 | \$ 75,225.00 | \$ 112.00 | \$ 99,120.00 | \$ 101.35 | \$ 89,694.75 | \$ 110.00 | \$ 97,350.00 | \$ 142.00 | \$ 125,670.00 | \$ 140.00 | \$ 123,900.00 |
| 82 | Water Main, DI, 4 inch, Tr Det G, Modified | Ft | 50 | \$ 150.00 | \$ 7,500.00 | \$ 75.00 | \$ 3,750.00 | \$ 72.50 | \$ 3,625.00 | \$ 75.00 | \$ 3,750.00 | \$ 118.00 | \$ 5,900.00 | \$ 80.00 | \$ 4,000.00 |
| 83 | Water Main, DI, 6 inch, Tr Det G, Modified | Ft | 15 | \$ 125.00 | \$ 1,875.00 | \$ 195.00 | \$ 2,925.00 | \$ 163.00 | \$ 2,445.00 | \$ 200.00 | \$ 3,000.00 | \$ 122.00 | \$ 1,830.00 | \$ 80.00 | \$ 1,200.00 |
| 84 | Water Main, DI, 8 inch, Tr Det G, Modified | Ft | 70 | \$ 115.00 | \$ 8,050.00 | \$ 134.00 | \$ 9,380.00 | \$ 168.00 | \$ 11,760.00 | \$ 150.00 | \$ 10,500.00 | \$ 131.00 | \$ 9,170.00 | \$ 180.00 | \$ 12,600.00 |
| 85 | Water Main, Rem | Ft | 1,140 | \$ 11.00 | \$ 12,540.00 | \$ 6.75 | \$ 7,695.00 | \$ 19.50 | \$ 22,230.00 | \$ 4.00 | \$ 4,560.00 | \$ 50.00 | \$ 57,000.00 | \$ 8.00 | \$ 9,120.00 |
| 86 | Curb Stop and Box | Ea | 7 | \$ 450.00 | \$ 3,150.00 | \$ 560.00 | \$ 3,920.00 | \$ 500.00 | \$ 3,500.00 | \$ 1,000.00 | \$ 7,000.00 | \$ 650.00 | \$ 4,550.00 | \$ 800.00 | \$ 5,600.00 |
| 87 | Hydrant Assembly, Modified | Ea | 2 | \$ 3,750.00 | \$ 7,500.00 | \$ 4,310.00 | \$ 8,620.00 | \$ 3,925.00 | \$ 7,850.00 | \$ 5,000.00 | \$ 10,000.00 | \$ 5,000.00 | \$ 10,000.00 | \$ 4,000.00 | \$ 8,000.00 |
| 88 | Inline Water Valve, Temp, 12 inch | Ea | 1 | \$ 10,000.00 | \$ 10,000.00 | \$ 8,185.00 | \$ 8,185.00 | \$ 5,500.00 | \$ 5,500.00 | \$ 3,500.00 | \$ 3,500.00 | \$ 3,200.00 | \$ 3,200.00 | \$ 8,500.00 | \$ 8,500.00 |
| 89 | Inline Water Valve, Temp, 8 inch | Ea | 3 | \$ 6,750.00 | \$ 20,250.00 | \$ 5,900.00 | \$ 17,700.00 | \$ 4,250.00 | \$ 12,750.00 | \$ 2,700.00 | \$ 8,100.00 | \$ 2,200.00 | \$ 6,600.00 | \$ 6,000.00 | \$ 18,000.00 |
| 90 | Water Meter Pit, 1 inch | Ea | 3 | \$ 2,850.00 | \$ 8,550.00 | \$ 1,635.00 | \$ 4,905.00 | \$ 1,260.00 | \$ 3,780.00 | \$ 2,000.00 | \$ 6,000.00 | \$ 2,500.00 | \$ 7,500.00 | \$ 2,000.00 | \$ 6,000.00 |
| 91 | Water Meter Pit, 2 inch | Ea | 1 | \$ 4,000.00 | \$ 4,000.00 | \$ 4,060.00 | \$ 4,060.00 | \$ 3,300.00 | \$ 3,300.00 | \$ 4,000.00 | \$ 4,000.00 | \$ 5,500.00 | \$ 5,500.00 | \$ 3,000.00 | \$ 3,000.00 |
| 92 | Water Serv, 1 inch, Modified | Ea | 1 | \$ 900.00 | \$ 900.00 | \$ 1,065.00 | \$ 1,065.00 | \$ 1,600.00 | \$ 1,600.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 1,800.00 | \$ 1,800.00 | \$ 1,200.00 | \$ 1,200.00 |
| 93 | Water Serv, 2 inch, Modified | Ea | 1 | \$ 1,250.00 | \$ 1,250.00 | \$ 1,910.00 | \$ 1,910.00 | \$ 2,500.00 | \$ 2,500.00 | \$ 2,500.00 | \$ 2,500.00 | \$ 3,400.00 | \$ 3,400.00 | \$ 2,000.00 | \$ 2,000.00 |
| 94 | Water Serv, Long, 1 inch, Modified | Ea | 3 | \$ 900.00 | \$ 2,700.00 | \$ 1,825.00 | \$ 5,475.00 | \$ 2,575.00 | \$ 7,725.00 | \$ 2,000.00 | \$ 6,000.00 | \$ 2,500.00 | \$ 7,500.00 | \$ 1,700.00 | \$ 5,100.00 |
| 95 | Water Serv, Long, 2 inch, Modified | Ea | 2 | \$ 2,000.00 | \$ 4,000.00 | \$ 3,155.00 | \$ 6,310.00 | \$ 3,600.00 | \$ 7,200.00 | \$ 3,000.00 | \$ 6,000.00 | \$ 4,000.00 | \$ 8,000.00 | \$ 3,000.00 | \$ 6,000.00 |
| 96 | Sanitary Service, PVC, 6 inch | Ft | 565 | \$ 45.00 | \$ 25,425.00 | \$ 40.50 | \$ 22,882.50 | \$ 28.90 | \$ 16,328.50 | \$ 30.00 | \$ 16,950.00 | \$ 73.00 | \$ 41,245.00 | \$ 60.00 | \$ 33,900.00 |
| 97 | Sanitary Sewer, PVC C-900, 12 inch, Tr Det G, Modified | Ft | 5 | \$ 400.00 | \$ 2,000.00 | \$ 160.00 | \$ 800.00 | \$ 130.00 | \$ 650.00 | \$ 300.00 | \$ 1,500.00 | \$ 300.00 | \$ 1,500.00 | \$ 250.00 | \$ 1,250.00 |
| 98 | Sanitary Sewer, PVC C-900, 24 inch, Tr Det G, Modified | Ft | 202 | \$ 95.00 | \$ 19,190.00 | \$ 160.00 | \$ 32,320.00 | \$ 132.00 | \$ 26,664.00 | \$ 150.00 | \$ 30,300.00 | \$ 210.00 | \$ 42,420.00 | \$ 280.00 | \$ 56,560.00 |
| 99 | Sanitary Sewer, PVC, 10 inch, Tr Det G, Modified | Ft | 37 | \$ 90.00 | \$ 3,330.00 | \$ 107.00 | \$ 3,959.00 | \$ 72.00 | \$ 2,664.00 | \$ 80.00 | \$ 2,960.00 | \$ 145.00 | \$ 5,365.00 | \$ 140.00 | \$ 5,180.00 |
| 100 | Sanitary Sewer, PVC, 18 inch, Tr Det G, Modified | Ft | 50 | \$ 85.00 | \$ 4,250.00 | \$ 129.00 | \$ 6,450.00 | \$ 89.50 | \$ 4,475.00 | \$ 105.00 | \$ 5,250.00 | \$ 165.00 | \$ 8,250.00 | \$ 200.00 | \$ 10,000.00 |
| 101 | Sanitary Sewer, PVC, 24 inch, Jacked in Place | Ft | 114 | \$ 80.00 | \$ 9,120.00 | \$ 141.00 | \$ 16,074.00 | \$ 132.00 | \$ 15,048.00 | \$ 60.00 | \$ 6,840.00 | \$ 150.00 | \$ 17,100.00 | \$ 200.00 | \$ 22,800.00 |
| 102 | Sanitary Sewer, PVC, 24 inch, Tr Det G, Modified | Ft | 667 | \$ 90.00 | \$ 60,030.00 | \$ 193.00 | \$ 128,731.00 | \$ 128.00 | \$ 85,376.00 | \$ 165.00 | \$ 110,055.00 | \$ 180.00 | \$ 120,060.00 | \$ 240.00 | \$ 160,080.00 |
| 103 | Sanitary Sewer, PVC, 8 inch, Tr Det G, Modified | Ft | 21 | \$ 75.00 | \$ 1,575.00 | \$ 105.00 | \$ 2,205.00 | \$ 70.00 | \$ 1,470.00 | \$ 100.00 | \$ 2,100.00 | \$ 110.00 | \$ 2,310.00 | \$ 130.00 | \$ 2,730.00 |
| 104 | Sanitary Cleanout | Ea | 14 | \$ 450.00 | \$ 6,300.00 | \$ 635.00 | \$ 8,890.00 | \$ 425.00 | \$ 5,950.00 | \$ 3,000.00 | \$ 42,000.00 | \$ 3,500.00 | \$ 49,000.00 | \$ 400.00 | \$ 5,600.00 |
| 105 | Sanitary Cleanout Cover | Ea | 6 | \$ 275.00 | \$ 1,650.00 | \$ 205.00 | \$ 1,230.00 | \$ 300.00 | \$ 1,800.00 | \$ 300.00 | \$ 1,800.00 | \$ 300.00 | \$ 1,800.00 | \$ 300.00 | \$ 1,800.00 |
| 106 | Sanitary Manhole, 48 inch dia | Ea | 2 | \$ 3,000.00 | \$ 6,000.00 | \$ 3,850.00 | \$ 7,700.00 | \$ 3,850.00 | \$ 7,700.00 | \$ 3,200.00 | \$ 6,400.00 | \$ 3,500.00 | \$ 7,000.00 | \$ 4,500.00 | \$ 9,000.00 |
| 107 | Sanitary Manhole, 60 inch dia | Ea | 7 | \$ 5,750.00 | \$ 40,250.00 | \$ 5,240.00 | \$ 36,680.00 | \$ 5,000.00 | \$ 35,000.00 | \$ 5,500.00 | \$ 38,500.00 | \$ 6,000.00 | \$ 42,000.00 | \$ 5,500.00 | \$ 38,500.00 |
| 108 | Flowable Fill, Non-Structural | Cyd | 65 | \$ 155.00 | \$ 10,075.00 | \$ 190.00 | \$ 12,350.00 | \$ 150.00 | \$ 9,750.00 | \$ 175.00 | \$ 11,375.00 | \$ 150.00 | \$ 9,750.00 | \$ 150.00 | \$ 9,750.00 |
| 109 | Landscape Wall, Conc | Syd | 65 | \$ 150.00 | \$ 9,750.00 | \$ 150.00 | \$ 9,750.00 | \$ 265.00 | \$ 17,225.00 | \$ 200.00 | \$ 13,000.00 | \$ 740.00 | \$ 48,100.00 | \$ 80.00 | \$ 5,200.00 |
| 110 | Brick Paver, Rem and Salv | Sft | 450 | \$ 20.00 | \$ 9,000.00 | \$ 4.00 | \$ 1,800.00 | \$ 31.50 | \$ 14,175.00 | \$ 40.00 | \$ 18,000.00 | \$ 8.00 | \$ 3,600.00 | \$ 40.00 | \$ 18,000.00 |
| 111 | Snowmelt System Repair Allowance | Dlr | 40,000 | \$ 1.00 | \$ 40,000.00 | \$ 1.00 | \$ 40,000.00 | \$ 1.00 | \$ 40,000.00 | \$ 1.00 | \$ 40,000.00 | \$ 1.00 | \$ 40,000.00 | \$ 1.00 | \$ 40,000.00 |
| 112 | Groundwater Treatment and Contaminated Material Disposal Allowance | Dlr | 165,000 | \$ 1.00 | \$ 165,000.00 | \$ 1.00 | \$ 165,000.00 | \$ 1.00 | \$ 165,000.00 | \$ 1.00 | \$ 165,000.00 | \$ 1.00 | \$ 165,000.00 | \$ 1.00 | \$ 165,000.00 |

Owner: City of Grand Haven
Project Name: Harbor Drive Reconstruction Project
Project Number: 17-1190
Date and Time: Wednesday, April 11, 10:00 AM

Legend: **Low Bidder**
Correction

Unit Price Bid Tabulation

| | | | | | | | | | | | | |
|---|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
| Total: Base Bid: Harbor Drive Reconstruction | \$ | 1,452,066.75 | \$ | 1,458,846.60 | \$ | 1,543,747.70 | \$ | 1,545,203.00 | \$ | 1,876,186.25 | \$ | 1,989,060.00 |
| Bid Statistics | % of Estimate | 100.00% | % of Estimate | 100.47% | % of Estimate | 106.31% | % of Estimate | 106.41% | % of Estimate | 129.21% | % of Estimate | 136.98% |
| | % of Low Bid | 99.54% | % of Low Bid | 100.00% | % of Low Bid | 105.82% | % of Low Bid | 105.92% | % of Low Bid | 128.61% | % of Low Bid | 136.34% |

Alternate 1: Harbor at Franklin - Traffic Signal Improvements

| Item | Unit | Est. Quantity | Engineer's Estimate | | Jackson-Merkey Contractors, | | Kamminga & Roodvoets | | Al's Excavating Inc. | | Nagel Construction Inc. | | Schippers Excavating | | |
|------|---|---------------|---------------------|--------------|-----------------------------|--------------|----------------------|--------------|----------------------|--------------|-------------------------|--------------|----------------------|--------------|--------------|
| | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | |
| 1 | Exploratory Investigation, Vertical | Ft | 50 | \$ 30.00 | \$ 1,500.00 | \$ 105.00 | \$ 5,250.00 | \$ 102.50 | \$ 5,125.00 | \$ 100.00 | \$ 5,000.00 | \$ 100.00 | \$ 5,000.00 | \$ 20.00 | \$ 1,000.00 |
| 2 | Sign, Type III, Rem | Ea | 5 | \$ 15.00 | \$ 75.00 | \$ 26.25 | \$ 131.25 | \$ 25.63 | \$ 128.15 | \$ 30.00 | \$ 150.00 | \$ 25.00 | \$ 125.00 | \$ 50.00 | \$ 250.00 |
| 3 | Mast Arm Pole Fdn, 6 Bolt | Ft | 78 | \$ 450.00 | \$ 35,100.00 | \$ 472.50 | \$ 36,855.00 | \$ 461.25 | \$ 35,977.50 | \$ 500.00 | \$ 39,000.00 | \$ 450.00 | \$ 35,100.00 | \$ 550.00 | \$ 42,900.00 |
| 4 | Mast Arm, Rem | Ea | 3 | \$ 400.00 | \$ 1,200.00 | \$ 210.00 | \$ 630.00 | \$ 205.00 | \$ 615.00 | \$ 225.00 | \$ 675.00 | \$ 200.00 | \$ 600.00 | \$ 250.00 | \$ 750.00 |
| 5 | Mast Arm Std, Rem | Ea | 3 | \$ 600.00 | \$ 1,800.00 | \$ 210.00 | \$ 630.00 | \$ 205.00 | \$ 615.00 | \$ 225.00 | \$ 675.00 | \$ 200.00 | \$ 600.00 | \$ 250.00 | \$ 750.00 |
| 6 | Mast Arm Pole, Cat II, Modified, Install | Ea | 4 | \$ 1,200.00 | \$ 4,800.00 | \$ 1,050.00 | \$ 4,200.00 | \$ 1,025.00 | \$ 4,100.00 | \$ 1,200.00 | \$ 4,800.00 | \$ 1,000.00 | \$ 4,000.00 | \$ 1,200.00 | \$ 4,800.00 |
| 7 | Mast Arm, 25 foot, Cat II, Modified, Install | Ea | 1 | \$ 900.00 | \$ 900.00 | \$ 1,050.00 | \$ 1,050.00 | \$ 1,025.00 | \$ 1,025.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 1,200.00 | \$ 1,200.00 |
| 8 | Mast Arm, 30 foot, Cat II, Modified, Install | Ea | 1 | \$ 1,100.00 | \$ 1,100.00 | \$ 1,050.00 | \$ 1,050.00 | \$ 1,025.00 | \$ 1,025.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 1,200.00 | \$ 1,200.00 |
| 9 | Mast Arm, 35 foot, Cat II, Modified, Install | Ea | 2 | \$ 1,350.00 | \$ 2,700.00 | \$ 1,050.00 | \$ 2,100.00 | \$ 2,050.00 | \$ 4,100.00 | \$ 1,200.00 | \$ 2,400.00 | \$ 2,000.00 | \$ 4,000.00 | \$ 2,400.00 | \$ 4,800.00 |
| 10 | Conduit, DB, 1, 1 1/2 inch | Ft | 205 | \$ 10.00 | \$ 2,050.00 | \$ 8.40 | \$ 1,722.00 | \$ 8.20 | \$ 1,681.00 | \$ 8.00 | \$ 1,640.00 | \$ 8.00 | \$ 1,640.00 | \$ 10.00 | \$ 2,050.00 |
| 11 | Conduit, DB, 1, 3 inch | Ft | 270 | \$ 14.00 | \$ 3,780.00 | \$ 10.50 | \$ 2,835.00 | \$ 10.25 | \$ 2,767.50 | \$ 10.00 | \$ 2,700.00 | \$ 10.00 | \$ 2,700.00 | \$ 12.00 | \$ 3,240.00 |
| 12 | Conduit, DB, 2, 3 inch | Ft | 135 | \$ 17.50 | \$ 2,362.50 | \$ 12.60 | \$ 1,701.00 | \$ 12.30 | \$ 1,660.50 | \$ 12.00 | \$ 1,620.00 | \$ 12.00 | \$ 1,620.00 | \$ 15.00 | \$ 2,025.00 |
| 13 | Conduit, DB, 3, 3 inch | Ft | 60 | \$ 20.75 | \$ 1,245.00 | \$ 16.80 | \$ 1,008.00 | \$ 16.40 | \$ 984.00 | \$ 16.00 | \$ 960.00 | \$ 16.00 | \$ 960.00 | \$ 20.00 | \$ 1,200.00 |
| 14 | Conduit, DB, 4, 3 inch | Ft | 15 | \$ 25.00 | \$ 375.00 | \$ 21.00 | \$ 315.00 | \$ 20.50 | \$ 307.50 | \$ 20.00 | \$ 300.00 | \$ 20.00 | \$ 300.00 | \$ 24.00 | \$ 360.00 |
| 15 | Conduit, Rem | Ft | 210 | \$ 210.00 | \$ 44,100.00 | \$ 1.05 | \$ 220.50 | \$ 1.03 | \$ 216.30 | \$ 2.00 | \$ 420.00 | \$ 1.00 | \$ 210.00 | \$ 1.00 | \$ 210.00 |
| 16 | Hh, Polymer Conc | Ea | 2 | \$ 750.00 | \$ 1,500.00 | \$ 840.00 | \$ 1,680.00 | \$ 820.00 | \$ 1,640.00 | \$ 1,000.00 | \$ 2,000.00 | \$ 800.00 | \$ 1,600.00 | \$ 1,000.00 | \$ 2,000.00 |
| 17 | Hh, Rem | Ea | 5 | \$ 160.00 | \$ 800.00 | \$ 105.00 | \$ 525.00 | \$ 102.50 | \$ 512.50 | \$ 150.00 | \$ 750.00 | \$ 100.00 | \$ 500.00 | \$ 200.00 | \$ 1,000.00 |
| 18 | Hh, Round, 3 foot dia | Ea | 2 | \$ 1,600.00 | \$ 3,200.00 | \$ 2,310.00 | \$ 4,620.00 | \$ 2,255.00 | \$ 4,510.00 | \$ 2,500.00 | \$ 5,000.00 | \$ 2,200.00 | \$ 4,400.00 | \$ 2,700.00 | \$ 5,400.00 |
| 19 | Light Std Arm, Rem | Ea | 3 | \$ 100.00 | \$ 300.00 | \$ 105.00 | \$ 315.00 | \$ 102.50 | \$ 307.50 | \$ 125.00 | \$ 375.00 | \$ 100.00 | \$ 300.00 | \$ 120.00 | \$ 360.00 |
| 20 | Luminaire, Rem | Ea | 3 | \$ 75.00 | \$ 225.00 | \$ 105.00 | \$ 315.00 | \$ 102.50 | \$ 307.50 | \$ 125.00 | \$ 375.00 | \$ 100.00 | \$ 300.00 | \$ 120.00 | \$ 360.00 |
| 21 | Cable, Sec, 600V, 1, 3/C#6 | Ft | 175 | \$ 4.50 | \$ 787.50 | \$ 4.20 | \$ 735.00 | \$ 4.10 | \$ 717.50 | \$ 4.00 | \$ 700.00 | \$ 4.00 | \$ 700.00 | \$ 5.00 | \$ 875.00 |
| 22 | Wood Pole, Fit Up, Metered Sec Elec Serv | Ea | 1 | \$ 850.00 | \$ 850.00 | \$ 525.00 | \$ 525.00 | \$ 512.50 | \$ 512.50 | \$ 1,000.00 | \$ 1,000.00 | \$ 500.00 | \$ 500.00 | \$ 600.00 | \$ 600.00 |
| 23 | Light Std Arm, Decorative, Install | Ea | 4 | \$ 500.00 | \$ 2,000.00 | \$ 105.00 | \$ 420.00 | \$ 102.50 | \$ 410.00 | \$ 125.00 | \$ 500.00 | \$ 100.00 | \$ 400.00 | \$ 120.00 | \$ 480.00 |
| 24 | Luminaire, Decorative, LED, Install | Ea | 4 | \$ 500.00 | \$ 2,000.00 | \$ 262.50 | \$ 1,050.00 | \$ 256.25 | \$ 1,025.00 | \$ 300.00 | \$ 1,200.00 | \$ 250.00 | \$ 1,000.00 | \$ 300.00 | \$ 1,200.00 |
| 25 | Controller and Cabinet, Rem | Ea | 1 | \$ 250.00 | \$ 250.00 | \$ 262.50 | \$ 262.50 | \$ 256.25 | \$ 256.25 | \$ 300.00 | \$ 300.00 | \$ 250.00 | \$ 250.00 | \$ 300.00 | \$ 300.00 |
| 26 | Controller and Cabinet, Digital Type | Ea | 1 | \$ 21,000.00 | \$ 21,000.00 | \$ 33,625.00 | \$ 33,625.00 | \$ 23,062.50 | \$ 23,062.50 | \$ 23,000.00 | \$ 23,000.00 | \$ 22,500.00 | \$ 22,500.00 | \$ 25,000.00 | \$ 25,000.00 |
| 27 | Controller Fdn, Base Mount | Ea | 1 | \$ 1,450.00 | \$ 1,450.00 | \$ 1,260.00 | \$ 1,260.00 | \$ 1,230.00 | \$ 1,230.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,400.00 | \$ 1,400.00 |
| 28 | Fdn, Rem | Ea | 4 | \$ 650.00 | \$ 2,600.00 | \$ 1,050.00 | \$ 4,200.00 | \$ 1,025.00 | \$ 4,100.00 | \$ 1,250.00 | \$ 5,000.00 | \$ 1,000.00 | \$ 4,000.00 | \$ 1,200.00 | \$ 4,800.00 |
| 29 | Metered Serv | Ea | 1 | \$ 850.00 | \$ 850.00 | \$ 525.00 | \$ 525.00 | \$ 512.50 | \$ 512.50 | \$ 500.00 | \$ 500.00 | \$ 500.00 | \$ 500.00 | \$ 600.00 | \$ 600.00 |
| 30 | Metered Serv, Rem | Ea | 1 | \$ 125.00 | \$ 125.00 | \$ 105.00 | \$ 105.00 | \$ 102.50 | \$ 102.50 | \$ 100.00 | \$ 100.00 | \$ 100.00 | \$ 100.00 | \$ 150.00 | \$ 150.00 |
| 31 | Pedestal, Fdn | Ea | 5 | \$ 725.00 | \$ 3,625.00 | \$ 630.00 | \$ 3,150.00 | \$ 615.00 | \$ 3,075.00 | \$ 700.00 | \$ 3,500.00 | \$ 600.00 | \$ 3,000.00 | \$ 700.00 | \$ 3,500.00 |
| 32 | Pedestal, Underground Serv, Metered | Ea | 1 | \$ 1,900.00 | \$ 1,900.00 | \$ 2,625.00 | \$ 2,625.00 | \$ 2,562.50 | \$ 2,562.50 | \$ 2,750.00 | \$ 2,750.00 | \$ 2,500.00 | \$ 2,500.00 | \$ 3,000.00 | \$ 3,000.00 |
| 33 | Power Co. (Est. Cost to Contractor) | Dlr | 2000 | \$ 1.00 | \$ 2,000.00 | \$ 1.00 | \$ 2,000.00 | \$ 1.00 | \$ 2,000.00 | \$ 1.00 | \$ 2,000.00 | \$ 1.00 | \$ 2,000.00 | \$ 1.00 | \$ 2,000.00 |
| 34 | Push Button Station and Sign | Ea | 8 | \$ 1,050.00 | \$ 8,400.00 | \$ 1,050.00 | \$ 8,400.00 | \$ 1,025.00 | \$ 8,200.00 | \$ 1,250.00 | \$ 10,000.00 | \$ 1,000.00 | \$ 8,000.00 | \$ 1,200.00 | \$ 9,600.00 |
| 35 | Serv Disconnect | Ea | 1 | \$ 875.00 | \$ 875.00 | \$ 1,260.00 | \$ 1,260.00 | \$ 1,230.00 | \$ 1,230.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,400.00 | \$ 1,400.00 |
| 36 | Serv Disconnect, Rem | Ea | 1 | \$ 150.00 | \$ 150.00 | \$ 105.00 | \$ 105.00 | \$ 102.50 | \$ 102.50 | \$ 100.00 | \$ 100.00 | \$ 100.00 | \$ 100.00 | \$ 150.00 | \$ 150.00 |
| 37 | Steel Pole, Rem (Embedded) | Ea | 1 | \$ 1,000.00 | \$ 1,000.00 | \$ 787.50 | \$ 787.50 | \$ 768.75 | \$ 768.75 | \$ 1,000.00 | \$ 1,000.00 | \$ 750.00 | \$ 750.00 | \$ 900.00 | \$ 900.00 |
| 38 | TS, Bracket Arm Mtd, Rem | Ea | 2 | \$ 125.00 | \$ 250.00 | \$ 105.00 | \$ 210.00 | \$ 102.50 | \$ 205.00 | \$ 125.00 | \$ 250.00 | \$ 100.00 | \$ 200.00 | \$ 150.00 | \$ 300.00 |
| 39 | TS, Mast Arm Mtd, Rem | Ea | 6 | \$ 140.00 | \$ 840.00 | \$ 630.00 | \$ 3,780.00 | \$ 615.00 | \$ 3,690.00 | \$ 700.00 | \$ 4,200.00 | \$ 600.00 | \$ 3,600.00 | \$ 700.00 | \$ 4,200.00 |
| 40 | TS, Pedestal Mtd, Rem | Ea | 1 | \$ 110.00 | \$ 110.00 | \$ 105.00 | \$ 105.00 | \$ 102.50 | \$ 102.50 | \$ 125.00 | \$ 125.00 | \$ 100.00 | \$ 100.00 | \$ 150.00 | \$ 150.00 |
| 41 | TS, Pedestrian, Bracket Arm Mtd, Rem | Ea | 6 | \$ 110.00 | \$ 660.00 | \$ 105.00 | \$ 630.00 | \$ 102.50 | \$ 615.00 | \$ 125.00 | \$ 750.00 | \$ 100.00 | \$ 600.00 | \$ 150.00 | \$ 900.00 |
| 42 | TS, Pedestrian, Pedestal Mtd, Rem | Ea | 2 | \$ 110.00 | \$ 220.00 | \$ 210.00 | \$ 420.00 | \$ 205.00 | \$ 410.00 | \$ 200.00 | \$ 400.00 | \$ 200.00 | \$ 400.00 | \$ 250.00 | \$ 500.00 |
| 43 | Pedestrian Signal System, Accessible | Ea | 1 | \$ 4,750.00 | \$ 4,750.00 | \$ 4,200.00 | \$ 4,200.00 | \$ 4,100.00 | \$ 4,100.00 | \$ 4,500.00 | \$ 4,500.00 | \$ 4,000.00 | \$ 4,000.00 | \$ 4,800.00 | \$ 4,800.00 |
| 44 | TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown | Ea | 1 | \$ 1,000.00 | \$ 1,000.00 | \$ 1,260.00 | \$ 1,260.00 | \$ 1,230.00 | \$ 1,230.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,400.00 | \$ 1,400.00 |
| 45 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown | Ea | 3 | \$ 1,500.00 | \$ 4,500.00 | \$ 1,680.00 | \$ 5,040.00 | \$ 1,640.00 | \$ 4,920.00 | \$ 2,000.00 | \$ 6,000.00 | \$ 1,600.00 | \$ 4,800.00 | \$ 1,900.00 | \$ 5,700.00 |
| 46 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown | Ea | 1 | \$ 1,000.00 | \$ 1,000.00 | \$ 1,260.00 | \$ 1,260.00 | \$ 1,230.00 | \$ 1,230.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,400.00 | \$ 1,400.00 |
| 47 | TS, One Way Mast Arm Mtd (LED) | Ea | 9 | \$ 1,100.00 | \$ 9,900.00 | \$ 1,155.00 | \$ 10,395.00 | \$ 1,127.50 | \$ 10,147.50 | \$ 1,300.00 | \$ 11,700.00 | \$ 1,100.00 | \$ 9,900.00 | \$ 1,300.00 | \$ 11,700.00 |
| 48 | Wireless Vehicle Detection System | Ea | 1 | \$ 7,000.00 | \$ 7,000.00 | \$ 6,300.00 | \$ 6,300.00 | \$ 6,150.00 | \$ 6,150.00 | \$ 6,500.00 | \$ 6,500.00 | \$ 6,000.00 | \$ 6,000.00 | \$ 6,900.00 | \$ 6,900.00 |
| 49 | Wireless Vehicle Sensor Node | Ea | 9 | \$ 900.00 | \$ 8,100.00 | \$ 892.50 | \$ 8,032.50 | \$ 871.25 | \$ 7,841.25 | \$ 1,000.00 | \$ 9,000.00 | \$ 850.00 | \$ 7,650.00 | \$ 1,000.00 | \$ 9,000.00 |
| 50 | TS, Bag | Ea | 9 | \$ 95.00 | \$ 855.00 | \$ 105.00 | \$ 945.00 | \$ 102.50 | \$ 922.50 | \$ 100.00 | \$ 900.00 | \$ 100.00 | \$ 900.00 | \$ 150.00 | \$ 1,350.00 |
| 51 | TS, Bag, Rem | Ea | 9 | \$ 45.00 | \$ 405.00 | \$ 105.00 | \$ 945.00 | \$ 102.50 | \$ 922.50 | \$ 100.00 | \$ 900.00 | \$ 100.00 | \$ 900.00 | \$ 150.00 | \$ 1,350.00 |
| 52 | Casing | Ft | 66 | \$ 165.00 | \$ 10,890.00 | \$ 168.00 | \$ 11,088.00 | \$ 164.00 | \$ 10,824.00 | \$ 200.00 | \$ 13,200.00 | \$ 160.00 | \$ 10,560.00 | \$ 180.00 | \$ 11,880.00 |

Owner: City of Grand Haven
Project Name: Harbor Drive Reconstruction Project
Project Number: 17-1190
Date and Time: Wednesday, April 11, 10:00 AM

Legend:

| |
|------------|
| Low Bidder |
| Correction |

Unit Price Bid Tabulation

| | | | | | | | | | | | | | | | |
|---|---|----|---|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|
| 53 | TS Uninterruptible Power System | Ea | 1 | \$ 9,000.00 | \$ 9,000.00 | \$ 8,400.00 | \$ 8,400.00 | \$ 8,200.00 | \$ 8,200.00 | \$ 8,500.00 | \$ 8,500.00 | \$ 8,000.00 | \$ 8,000.00 | \$ 9,000.00 | \$ 9,000.00 |
| 54 | Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, Modified | Ea | 6 | \$ 1,750.00 | \$ 10,500.00 | \$ 1,470.00 | \$ 8,820.00 | \$ 1,435.00 | \$ 8,610.00 | \$ 1,600.00 | \$ 9,600.00 | \$ 1,400.00 | \$ 8,400.00 | \$ 1,600.00 | \$ 9,600.00 |
| 55 | Pedestal, Alum, Modified | Ea | 1 | \$ 750.00 | \$ 750.00 | \$ 840.00 | \$ 840.00 | \$ 820.00 | \$ 820.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 800.00 | \$ 800.00 | \$ 900.00 | \$ 900.00 |
| 56 | Pushbutton Pedestal, Alum, Modified | Ea | 4 | \$ 600.00 | \$ 2,400.00 | \$ 630.00 | \$ 2,520.00 | \$ 615.00 | \$ 2,460.00 | \$ 600.00 | \$ 2,400.00 | \$ 600.00 | \$ 2,400.00 | \$ 700.00 | \$ 2,800.00 |
| Total: Alternate 1: Harbor at Franklin - Traffic Signal Improvements | | | | \$ | 232,105.00 | \$ | 203,378.25 | \$ | 190,872.70 | \$ | 208,515.00 | \$ | 186,265.00 | \$ | 215,640.00 |

Alternate 2: Street Lighting and Conduits

| Item | Unit | Est. Quantity | Engineer's Estimate | | Jackson-Merkey Contractors, | | Kamminga & Roodvoets | | Al's Excavating Inc. | | Nagel Construction Inc. | | Schippers Excavating | | |
|---|---|---------------|---------------------|-------------|-----------------------------|-------------|----------------------|-------------|----------------------|-------------|-------------------------|-------------|----------------------|-------------|-------------------|
| | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | |
| 1 | Conduit, DB, 1, 1 1/2 inch | Ft | 1,325 | \$ 10.00 | \$ 13,250.00 | \$ 10.00 | \$ 13,250.00 | \$ 9.74 | \$ 12,905.50 | \$ 10.00 | \$ 13,250.00 | \$ 10.00 | \$ 13,250.00 | \$ 11.00 | \$ 14,575.00 |
| 2 | Conduit, DB, 1, 3 inch | Ft | 575 | \$ 14.00 | \$ 8,050.00 | \$ 10.50 | \$ 6,037.50 | \$ 10.25 | \$ 5,893.75 | \$ 11.00 | \$ 6,325.00 | \$ 10.00 | \$ 5,750.00 | \$ 12.00 | \$ 6,900.00 |
| 3 | Conduit, DB, 2, 3 inch | Ft | 200 | \$ 17.50 | \$ 3,500.00 | \$ 12.60 | \$ 2,520.00 | \$ 12.30 | \$ 2,460.00 | \$ 12.00 | \$ 2,400.00 | \$ 12.00 | \$ 2,400.00 | \$ 14.00 | \$ 2,800.00 |
| 4 | Conduit, DB, 2, 4 inch | Ft | 45 | \$ 20.00 | \$ 900.00 | \$ 21.00 | \$ 945.00 | \$ 20.50 | \$ 922.50 | \$ 21.00 | \$ 945.00 | \$ 20.00 | \$ 900.00 | \$ 23.00 | \$ 1,035.00 |
| 5 | Hh, Polymer Conc | Ea | 26 | \$ 750.00 | \$ 19,500.00 | \$ 630.00 | \$ 16,380.00 | \$ 615.00 | \$ 15,990.00 | \$ 700.00 | \$ 18,200.00 | \$ 600.00 | \$ 15,600.00 | \$ 700.00 | \$ 18,200.00 |
| 6 | Hh, Round, 3 foot dia | Ea | 2 | \$ 1,600.00 | \$ 3,200.00 | \$ 1,260.00 | \$ 2,520.00 | \$ 1,230.00 | \$ 2,460.00 | \$ 1,300.00 | \$ 2,600.00 | \$ 1,200.00 | \$ 2,400.00 | \$ 1,400.00 | \$ 2,800.00 |
| 7 | Light Std Fdn | Ea | 11 | \$ 1,050.00 | \$ 11,550.00 | \$ 1,050.00 | \$ 11,550.00 | \$ 1,025.00 | \$ 11,275.00 | \$ 1,300.00 | \$ 14,300.00 | \$ 1,000.00 | \$ 11,000.00 | \$ 1,200.00 | \$ 13,200.00 |
| 8 | Wood Pole, Fit Up, Metered Sec Elec Serv | Ea | 1 | \$ 850.00 | \$ 850.00 | \$ 787.50 | \$ 787.50 | \$ 768.75 | \$ 768.75 | \$ 1,000.00 | \$ 1,000.00 | \$ 750.00 | \$ 750.00 | \$ 850.00 | \$ 850.00 |
| 9 | Conduit, Directional Bore, 2, 3 inch | Ft | 150 | \$ 17.50 | \$ 2,625.00 | \$ 21.00 | \$ 3,150.00 | \$ 20.50 | \$ 3,075.00 | \$ 25.00 | \$ 3,750.00 | \$ 20.00 | \$ 3,000.00 | \$ 23.00 | \$ 3,450.00 |
| 10 | Hh, Polymer Conc, Large | Ea | 1 | \$ 1,450.00 | \$ 1,450.00 | \$ 892.50 | \$ 892.50 | \$ 871.25 | \$ 871.25 | \$ 1,000.00 | \$ 1,000.00 | \$ 850.00 | \$ 850.00 | \$ 1,000.00 | \$ 1,000.00 |
| 11 | Lighting Control and Power Feed | Ea | 1 | \$ 3,500.00 | \$ 3,500.00 | \$ 7,875.00 | \$ 7,875.00 | \$ 7,687.50 | \$ 7,687.50 | \$ 8,000.00 | \$ 8,000.00 | \$ 7,500.00 | \$ 7,500.00 | \$ 8,600.00 | \$ 8,600.00 |
| 12 | Street Light Pole and Luminaire, Decorative | Ea | 11 | \$ 8,300.00 | \$ 91,300.00 | \$ 6,615.00 | \$ 72,765.00 | \$ 6,457.50 | \$ 71,032.50 | \$ 6,800.00 | \$ 74,800.00 | \$ 6,300.00 | \$ 69,300.00 | \$ 7,200.00 | \$ 79,200.00 |
| 13 | Metered Serv | Ea | 1 | \$ 850.00 | \$ 850.00 | \$ 525.00 | \$ 525.00 | \$ 512.50 | \$ 512.50 | \$ 600.00 | \$ 600.00 | \$ 500.00 | \$ 500.00 | \$ 600.00 | \$ 600.00 |
| 14 | Riser | Ea | 1 | \$ 250.00 | \$ 250.00 | \$ 525.00 | \$ 525.00 | \$ 512.50 | \$ 512.50 | \$ 600.00 | \$ 600.00 | \$ 500.00 | \$ 500.00 | \$ 600.00 | \$ 600.00 |
| 15 | Serv Disconnect | Ea | 1 | \$ 875.00 | \$ 875.00 | \$ 1,260.00 | \$ 1,260.00 | \$ 1,230.00 | \$ 1,230.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,400.00 | \$ 1,400.00 |
| Total: Alternate 2: Street Lighting and Conduits | | | | \$ | 161,650.00 | \$ | 140,982.50 | \$ | 137,596.75 | \$ | 149,270.00 | \$ | 134,900.00 | \$ | 155,210.00 |

| | | | | | | | | | | | | |
|----------------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
| Total Combined Bids | \$ | 1,845,821.75 | \$ | 1,803,207.35 | \$ | 1,872,217.15 | \$ | 1,902,988.00 | \$ | 2,197,351.25 | \$ | 2,359,910.00 |
| Bid Statistics | % of Estimate | 100.00% | % of Estimate | 97.69% | % of Estimate | 101.43% | % of Estimate | 103.10% | % of Estimate | 119.04% | % of Estimate | 127.85% |
| | % of Low Bid | 102.36% | % of Low Bid | 100.00% | % of Low Bid | 103.83% | % of Low Bid | 105.53% | % of Low Bid | 121.86% | % of Low Bid | 130.87% |