



VILLAGE OF: Maywood
 BID DATE AND TIME: March 19, 2021 @ 11:00 AM
 PROJECT: 1st Avenue Water Main Improvements
 ENGINEER'S ESTIMATE OF COST: \$2,131,805.00

| No. | Items | Unit | Quantity | ENGINEER'S EOC | | SWALLOW CONSTRUCTION CORPORATION | | J. CONGDON SEWER SERVICE, INC. | | UNIQUE PLUMBING COMPANY | | ACQUA CONTRACTORS CORPORATION | | H. LINDEN & SONS SEWER AND WATER, INC. | |
|-----|--|-------|----------|----------------|------------|----------------------------------|------------|--------------------------------|------------|-------------------------|------------|-------------------------------|------------|--|------------|
| | | | | Unit Price | Total Cost | Unit Price | Total Cost | Unit Price | Total Cost | Unit Price | Total Cost | Unit Price | Total Cost | Unit Price | Total Cost |
| 1 | 10" Diameter, Ductile Iron Pipe, Class 52, Water Main (HDD) | Foot | 2550 | 200.00 | 510,000.00 | 130.00 | 331,500.00 | 200.00 | 510,000.00 | 175.00 | 446,250.00 | 185.00 | 471,750.00 | 230.00 | 586,500.00 |
| 2 | 6" Diameter, Ductile Iron Pipe, Class 52, Water Main (HDD) | Foot | 225 | 180.00 | 40,500.00 | 133.00 | 29,925.00 | 140.00 | 31,500.00 | 118.00 | 26,550.00 | 160.00 | 36,000.00 | 174.00 | 39,150.00 |
| 3 | 12" Diameter, Ductile Iron Pipe, Class 52, Water Main (Trench) | Foot | 35 | 100.00 | 3,500.00 | 58.00 | 2,030.00 | 140.00 | 4,900.00 | 135.45 | 4,740.75 | 160.00 | 5,600.00 | 189.00 | 6,615.00 |
| 4 | 10" Diameter, Ductile Iron Pipe, Class 52, Water Main (Trench) | Foot | 490 | 95.00 | 46,550.00 | 76.00 | 37,240.00 | 180.00 | 88,200.00 | 116.50 | 57,085.00 | 130.00 | 63,700.00 | 129.00 | 63,210.00 |
| 5 | 8" Diameter, Ductile Iron Pipe, Class 52, Water Main (Trench) | Foot | 30 | 90.00 | 2,700.00 | 39.00 | 1,170.00 | 120.00 | 3,600.00 | 118.45 | 3,553.50 | 140.00 | 4,200.00 | 115.00 | 3,450.00 |
| 6 | 6" Diameter, Ductile Iron Pipe, Class 52, Water Main (Trench) | Foot | 425 | 85.00 | 36,125.00 | 31.00 | 13,175.00 | 110.00 | 46,750.00 | 119.00 | 50,575.00 | 86.00 | 36,550.00 | 92.00 | 39,100.00 |
| 7 | 12" Gate Valve | Each | 1 | 2,000.00 | 2,000.00 | 7,000.00 | 7,000.00 | 3,000.00 | 3,000.00 | 3,330.00 | 3,330.00 | 3,750.00 | 3,750.00 | 4,000.00 | 4,000.00 |
| 8 | 10" Gate Valve | Each | 8 | 1,800.00 | 14,400.00 | 6,500.00 | 52,000.00 | 2,800.00 | 22,400.00 | 2,835.00 | 22,680.00 | 3,650.00 | 29,200.00 | 3,500.00 | 28,000.00 |
| 9 | 8" Gate Valve | Each | 1 | 1,500.00 | 1,500.00 | 5,500.00 | 5,500.00 | 2,600.00 | 2,600.00 | 2,195.00 | 2,195.00 | 3,550.00 | 3,550.00 | 3,000.00 | 3,000.00 |
| 10 | 6" Gate Valve | Each | 6 | 1,500.00 | 9,000.00 | 4,500.00 | 27,000.00 | 2,500.00 | 15,000.00 | 1,770.00 | 10,620.00 | 3,450.00 | 20,700.00 | 2,000.00 | 12,000.00 |
| 11 | Valve Vault, Type A, 5' Diameter, Type 1 Frame, Closed Lid | Each | 2 | 3,500.00 | 7,000.00 | 1,900.00 | 3,800.00 | 2,500.00 | 5,000.00 | 4,500.00 | 9,000.00 | 1,300.00 | 2,600.00 | 4,000.00 | 8,000.00 |
| 12 | Valve Vault, Type A, 4' Diameter, Type 1 Frame Closed Lid | Each | 13 | 3,000.00 | 39,000.00 | 1,900.00 | 24,700.00 | 1,500.00 | 19,500.00 | 3,600.00 | 46,800.00 | 1,500.00 | 19,500.00 | 3,800.00 | 49,400.00 |
| 13 | Valve Box | Each | 6 | 750.00 | 4,500.00 | 250.00 | 1,500.00 | 125.00 | 750.00 | 300.00 | 1,800.00 | 800.00 | 4,800.00 | 325.00 | 1,950.00 |
| 14 | Fire Hydrant with Auxiliary Valve and Box | Each | 13 | 6,000.00 | 78,000.00 | 7,350.00 | 95,550.00 | 7,500.00 | 97,500.00 | 4,970.00 | 64,610.00 | 6,000.00 | 78,000.00 | 6,000.00 | 78,000.00 |
| 15 | Special Ductile Iron Fittings | Pound | 4500 | 3.50 | 15,750.00 | 6.50 | 29,250.00 | 0.01 | 45.00 | 4.83 | 21,735.00 | 1.00 | 4,500.00 | 8.00 | 36,000.00 |
| 16 | Restrained Joint, 12" | Each | 15 | 80.00 | 1,200.00 | 100.00 | 1,500.00 | 51.00 | 765.00 | 57.00 | 855.00 | 110.00 | 1,650.00 | 400.00 | 6,000.00 |
| 17 | Restrained Joint, 10" | Each | 75 | 75.00 | 5,625.00 | 75.50 | 5,662.50 | 28.00 | 2,100.00 | 31.00 | 2,325.00 | 84.00 | 6,300.00 | 300.00 | 22,500.00 |
| 18 | Restrained Joint, 8" | Each | 20 | 70.00 | 1,400.00 | 52.75 | 1,055.00 | 24.00 | 480.00 | 27.00 | 540.00 | 60.00 | 1,200.00 | 240.00 | 4,800.00 |
| 19 | Restrained Joint, 6" | Each | 85 | 65.00 | 5,525.00 | 39.50 | 3,357.50 | 16.00 | 1,360.00 | 18.00 | 1,530.00 | 45.00 | 3,825.00 | 70.00 | 5,950.00 |
| 20 | Viton Gasket, 12" | Each | 9 | 225.00 | 2,025.00 | 120.00 | 1,080.00 | 139.00 | 1,251.00 | 115.00 | 1,035.00 | 360.00 | 3,240.00 | 150.00 | 1,350.00 |
| 21 | Viton Gasket, 10" | Each | 129 | 200.00 | 25,800.00 | 94.00 | 12,126.00 | 119.00 | 15,351.00 | 256.25 | 33,056.25 | 270.00 | 34,830.00 | 135.00 | 17,415.00 |
| 22 | Viton Gasket, 8" | Each | 10 | 175.00 | 1,750.00 | 75.00 | 750.00 | 98.00 | 980.00 | 139.00 | 1,390.00 | 210.00 | 2,100.00 | 110.00 | 1,100.00 |
| 23 | Viton Gasket, 6" | Each | 73 | 150.00 | 10,950.00 | 45.00 | 3,285.00 | 79.00 | 5,767.00 | 110.00 | 8,030.00 | 110.00 | 8,030.00 | 95.00 | 6,935.00 |
| 24 | Fire Hydrant Removal | Each | 11 | 750.00 | 8,250.00 | 675.00 | 7,425.00 | 800.00 | 8,800.00 | 600.00 | 6,600.00 | 200.00 | 2,200.00 | 1,000.00 | 11,000.00 |
| 25 | Fire Hydrant Removal (Special) | Each | 2 | 2,500.00 | 5,000.00 | 1,250.00 | 2,500.00 | 1,000.00 | 2,000.00 | 1,905.00 | 3,810.00 | 1,200.00 | 2,400.00 | 1,000.00 | 2,000.00 |
| 26 | Short Water Service, 1" | Each | 25 | 2,000.00 | 50,000.00 | 1,700.00 | 42,500.00 | 3,000.00 | 75,000.00 | 2,170.00 | 54,250.00 | 1,600.00 | 40,000.00 | 2,000.00 | 50,000.00 |
| 27 | Short Water Service, 1-1/2" | Each | 2 | 2,500.00 | 5,000.00 | 2,500.00 | 5,000.00 | 3,200.00 | 6,400.00 | 3,000.00 | 6,000.00 | 2,400.00 | 4,800.00 | 4,000.00 | 8,000.00 |
| 28 | Short Water Service, 2" | Each | 1 | 3,500.00 | 3,500.00 | 3,500.00 | 3,500.00 | 3,500.00 | 3,500.00 | 3,900.00 | 3,900.00 | 3,300.00 | 3,300.00 | 5,000.00 | 5,000.00 |
| 29 | Long Water Service, 1" (Directional Bore) | Each | 7 | 5,000.00 | 35,000.00 | 3,700.00 | 25,900.00 | 3,800.00 | 26,600.00 | 3,720.00 | 26,040.00 | 3,000.00 | 21,000.00 | 4,000.00 | 28,000.00 |
| 30 | Long Water Service, 1-1/2" (Directional Bore) | Each | 1 | 5,500.00 | 5,500.00 | 4,600.00 | 4,600.00 | 4,000.00 | 4,000.00 | 5,000.00 | 5,000.00 | 4,000.00 | 4,000.00 | 7,000.00 | 7,000.00 |
| 31 | Long Water Service, 2" (Directional Bore) | Each | 2 | 6,000.00 | 12,000.00 | 5,500.00 | 11,000.00 | 4,500.00 | 9,000.00 | 6,000.00 | 12,000.00 | 5,000.00 | 10,000.00 | 10,000.00 | 20,000.00 |
| 32 | Water Main Connection at Harrison Street | Each | 1 | 7,000.00 | 7,000.00 | 20,000.00 | 20,000.00 | 9,000.00 | 9,000.00 | 18,400.00 | 18,400.00 | 20,000.00 | 20,000.00 | 5,000.00 | 5,000.00 |
| 33 | Water Main Disconnection At Harrison Street | Each | 1 | 6,000.00 | 6,000.00 | 15,000.00 | 15,000.00 | 9,000.00 | 9,000.00 | 15,040.00 | 15,040.00 | 5,000.00 | 5,000.00 | 3,000.00 | 3,000.00 |
| 34 | Water Main Connection between Harrison Street and Congress Street | Each | 1 | 8,000.00 | 8,000.00 | 25,000.00 | 25,000.00 | 9,000.00 | 9,000.00 | 18,400.00 | 18,400.00 | 30,000.00 | 30,000.00 | 5,000.00 | 5,000.00 |
| 35 | Water Main Connection at Madison Street | Each | 1 | 7,000.00 | 7,000.00 | 30,000.00 | 30,000.00 | 9,000.00 | 9,000.00 | 15,040.00 | 15,040.00 | 26,000.00 | 26,000.00 | 20,000.00 | 20,000.00 |
| 36 | Water Main Connection/Disconnection at Proviso East High School | Each | 1 | 7,000.00 | 7,000.00 | 15,000.00 | 15,000.00 | 9,000.00 | 9,000.00 | 15,040.00 | 15,040.00 | 30,000.00 | 30,000.00 | 10,000.00 | 10,000.00 |
| 37 | Water Main Connection at Warren Street | Each | 1 | 7,000.00 | 7,000.00 | 25,000.00 | 25,000.00 | 9,000.00 | 9,000.00 | 15,040.00 | 15,040.00 | 16,000.00 | 16,000.00 | 20,000.00 | 20,000.00 |
| 38 | Water Main Connection/Disconnection at Washington Boulevard | Each | 1 | 7,000.00 | 7,000.00 | 20,000.00 | 20,000.00 | 9,000.00 | 9,000.00 | 18,400.00 | 18,400.00 | 24,000.00 | 24,000.00 | 20,000.00 | 20,000.00 |
| 39 | Water Main Connection at 2nd Avenue | Each | 1 | 7,000.00 | 7,000.00 | 15,000.00 | 15,000.00 | 9,000.00 | 9,000.00 | 14,500.00 | 14,500.00 | 24,000.00 | 24,000.00 | 20,000.00 | 20,000.00 |
| 40 | 16"x10" Pressure Connection | Each | 1 | 7,000.00 | 7,000.00 | 15,000.00 | 15,000.00 | 10,000.00 | 10,000.00 | 13,660.00 | 13,660.00 | 18,000.00 | 18,000.00 | 20,000.00 | 20,000.00 |
| 41 | Pressure Testing and Disinfection | LS | 1 | 7,500.00 | 7,500.00 | 15,000.00 | 15,000.00 | 6,500.00 | 6,500.00 | 13,350.00 | 13,350.00 | 5,000.00 | 5,000.00 | 10,000.00 | 10,000.00 |
| 42 | Basic Cleaning of 10" Diameter Sewer | Foot | 915 | 4.00 | 3,660.00 | 2.50 | 2,287.50 | 4.00 | 3,660.00 | 4.50 | 4,117.50 | 4.50 | 4,117.50 | 5.00 | 4,575.00 |
| 43 | Heavy Cleaning of 10" Diameter Sewer | Foot | 915 | 8.00 | 7,320.00 | 0.50 | 457.50 | 1.10 | 1,006.50 | 1.25 | 1,143.75 | 1.25 | 1,143.75 | 2.00 | 1,830.00 |
| 44 | Basic Cleaning of 12" Diameter Sewer | Foot | 2300 | 4.00 | 9,200.00 | 3.00 | 6,900.00 | 4.00 | 9,200.00 | 4.50 | 10,350.00 | 4.50 | 10,350.00 | 5.00 | 11,500.00 |
| 45 | Heavy Cleaning of 12" Diameter Sewer | Foot | 2300 | 8.00 | 18,400.00 | 0.75 | 1,725.00 | 1.10 | 2,530.00 | 1.25 | 2,875.00 | 1.25 | 2,875.00 | 2.00 | 4,600.00 |
| 46 | Basic Cleaning of 24" Diameter Sewer | Foot | 125 | 4.00 | 500.00 | 20.00 | 2,500.00 | 15.00 | 1,875.00 | 16.80 | 2,100.00 | 15.50 | 1,937.50 | 20.00 | 2,500.00 |
| 47 | Heavy Cleaning of 24" Diameter Sewer | Foot | 125 | 8.00 | 1,000.00 | 4.00 | 500.00 | 6.50 | 812.50 | 7.30 | 912.50 | 7.00 | 875.00 | 10.00 | 1,250.00 |
| 48 | Basic Cleaning of 48" Diameter Sewer | Foot | 250 | 4.00 | 1,000.00 | 25.00 | 6,250.00 | 15.00 | 3,750.00 | 16.80 | 4,200.00 | 15.50 | 3,875.00 | 20.00 | 5,000.00 |
| 49 | Heavy Cleaning of 48" Diameter Sewer | Foot | 250 | 8.00 | 2,000.00 | 5.00 | 1,250.00 | 5.00 | 1,250.00 | 5.60 | 1,400.00 | 5.50 | 1,375.00 | 10.00 | 2,500.00 |
| 50 | Televising Sewers | Foot | 5200 | 2.00 | 10,400.00 | 5.00 | 26,000.00 | 3.75 | 19,500.00 | 4.20 | 21,840.00 | 4.00 | 20,800.00 | 5.00 | 26,000.00 |
| 51 | Removal and Disposal of Waste Materials | Ton | 25 | 200.00 | 5,000.00 | 100.00 | 2,500.00 | 100.00 | 2,500.00 | 100.00 | 2,500.00 | 45.00 | 1,125.00 | 40.00 | 1,000.00 |
| 52 | 8" Diameter PVC Sewer Pipe Replacement | Foot | 15 | 250.00 | 3,750.00 | 130.00 | 1,950.00 | 65.00 | 975.00 | 99.50 | 1,492.50 | 140.00 | 2,100.00 | 142.00 | 2,130.00 |
| 53 | 12" Diameter PVC Sewer Pipe Replacement | Foot | 55 | 250.00 | 13,750.00 | 94.00 | 5,170.00 | 75.00 | 4,125.00 | 112.55 | 6,190.25 | 155.00 | 8,525.00 | 155.00 | 8,525.00 |
| 54 | Additional 8" Diameter PVC Sewer Pipe Replacement | Foot | 10 | 80.00 | 800.00 | 66.00 | 528.00 | 50.00 | 400.00 | 85.00 | 680.00 | 150.00 | 1,200.00 | 142.00 | 1,140.00 |
| 55 | Additional 12" Diameter PVC Sewer Pipe Replacement | Foot | 25 | 80.00 | 2,000.00 | 53.00 | 1,325.00 | 60.00 | 1,500.00 | 90.00 | 2,250.00 | 160.00 | 4,000.00 | 155.00 | 3,875.00 |
| 56 | 6" Diameter PVC Sanitary Sewer Service Pipe | Foot | 85 | 55.00 | 4,675.00 | 103.00 | 8,755.00 | 50.00 | 4,250.00 | 40.00 | 3,400.00 | 100.00 | 8,500.00 | 114.00 | 9,690.00 |
| 57 | 10" Diameter DIP Storm Sewer Pipe | Foot | 20 | 70.00 | 1,400.00 | 130.00 | 2,600.00 | 85.00 | 1,700.00 | 90.00 | 1,800.00 | 150.00 | 3,000.00 | 93.00 | 1,860.00 |
| 58 | 10" Diameter PVC Storm Sewer Pipe | Foot | 430 | 55.00 | 23,650.00 | 53.00 | 22,790.00 | 70.00 | 30,100.00 | 70.00 | 30,100.00 | 145.00 | 62,350.00 | 85.00 | 36,550.00 |
| 59 | Trench Backfill | CuYd | 1000 | 40.00 | 40,000.00 | 37.00 | 37,000.00 | 0.01 | 10.00 | 42.00 | 42,000.00 | 35.00 | 35,000.00 | 49.00 | 49,000.00 |
| 60 | Restricted Depth Catch Basin, 4' Diameter, Type 1 Frame, Open Lid | Each | 17 | 3,800.00 | 64,600.00 | 2,500.00 | 42,500.00 | 3,500.00 | 59,500.00 | 3,600.00 | 61,200.00 | 3,500.00 | 59,500.00 | 8,000.00 | 136,000.00 |
| 61 | 10"x4" Catch Basin Trap and Restrictor | Each | 13 | 750.00 | 9,750.00 | 400.00 | 5,200.00 | 500.00 | 6,500.00 | 350.00 | 4,550.00 | 1,500.00 | 19,500.00 | 10,000.00 | 130,000.00 |
| 62 | Restricted Depth Sanitary Manhole, 4' Diameter, Type 1 Frame, Closed Lid | Each | 6 | 7,000.00 | 42,000.00 | 3,300.00 | 19,800.00 | 4,500.00 | 27,000.00 | 4,600.00 | 27,600.00 | 10,000.00 | 60,000.00 | 20,000.00 | 120,000.00 |
| 63 | Connection to Existing Structure | Each | 3 | 600.00 | 1,800.00 | 3,100.00 | 9,300.00 | 500.00 | 1,500.00 | 450.00 | 1,350.00 | 2,000.00 | 6,000.00 | 2,000.00 | 6,000.00 |
| 64 | Frames & Lids to be Adjusted | Each | 1 | 400.00 | 400.00 | 1,000.00 | 1, | | | | | | | | |