

Church Street
 Bid Opening Cost Estimate
 City of Olathe, Kansas
 City Project No. 3-R-001-19

Date April 24, 2019

Quantities DMB/EAB
 Estimate DLB/EAB

Engineer's Opinion of Probable Cost

| Item No. | Item Description | Unit | Approx. Quantity | Unit Price | Item Total |
|-------------------------------|--|-----------|------------------|-------------|--------------|
| Project No. 3-R-001-19 | | | | | |
| 1 | Mobilization | Lump Sum | 1 | \$80,000.00 | \$80,000.00 |
| 2 | Pre-Construction Survey | Each | 2 | \$500.00 | \$1,000.00 |
| 3 | Remove Existing Pavement | Sq. Yds. | 9878 | \$9.00 | \$88,902.00 |
| 4 | Remove Existing Driveway | Sq. Yds. | 2157 | \$9.00 | \$19,413.00 |
| 5 | Remove Existing Sidewalk | Sq. Yds. | 1026 | \$7.00 | \$7,182.00 |
| 6 | Remove Existing Structures | Lump Sum | 1 | \$15,000.00 | \$15,000.00 |
| 7 | Tree Removal | Lump Sum | 1 | \$10,000.00 | \$10,000.00 |
| 8 | Linear Grading | Lin. Ft. | 3040 | \$50.00 | \$152,000.00 |
| 9 | Subgrade Repair (EST) | Sq. Yds. | 2800 | \$5.00 | \$14,000.00 |
| 10 | Full Width Milling (2") | Sq. Yds. | 115 | \$20.00 | \$2,300.00 |
| 11 | Concrete Curb & Gutter (Type B) | Lin. Ft. | 6176 | \$18.00 | \$111,168.00 |
| 12 | Concrete Curb & Gutter (Type C) | Lin. Ft. | 186 | \$20.00 | \$3,720.00 |
| 13 | Asphaltic Concrete Surface (2") (BM-2FR) | Tons | 1042 | \$72.00 | \$75,024.00 |
| 14 | Asphaltic Concrete Base (6") (BM-2BFR) | Tons | 3088 | \$69.00 | \$213,072.00 |
| 15 | Aggregate Base Course (6") (AB-3 O.P. Modified) | Sq. Yds. | 11057 | \$8.00 | \$88,456.00 |
| 16 | Temporary Surfacing Material (2") (AB-3) | Sq. Yds. | 2314 | \$3.00 | \$6,942.00 |
| 17 | Concrete Drive (6") (Residential) | Sq. Yds. | 1921 | \$50.00 | \$96,050.00 |
| 18 | Concrete Drive (7") (Commercial) | Sq. Yds. | 385 | \$58.00 | \$22,330.00 |
| 19 | Concrete Sidewalk (4") | Sq. Yds. | 1535 | \$42.00 | \$64,470.00 |
| 20 | Concrete Sidewalk (6") Reinforced | Sq. Yds. | 135 | \$65.00 | \$8,775.00 |
| 21 | Sidewalk Ramp (Type 1) | Each | 18 | \$1,100.00 | \$19,800.00 |
| 22 | Sidewalk Ramp (Type 2) | Each | 3 | \$1,900.00 | \$5,700.00 |
| 23 | Sidewalk Ramp (Mid-Block) | Each | 2 | \$1,500.00 | \$3,000.00 |
| 24 | Concrete Steps | Each | 4 | \$3,000.00 | \$12,000.00 |
| 25 | Pipe Underdrain (6") (PVC) (EST) | Lin. Ft. | 350 | \$25.00 | \$8,750.00 |
| 26 | Storm Sewer (12") (RCP) | Lin. Ft. | 62 | \$70.00 | \$4,340.00 |
| 27 | Storm Sewer (15") (RCP) | Lin. Ft. | 1644 | \$80.00 | \$131,520.00 |
| 28 | Curb Inlet (6' x 4') (Setback) | Each | 8 | \$5,400.00 | \$43,200.00 |
| 29 | Curb Inlet (6' x 6') (Setback) | Each | 2 | \$6,500.00 | \$13,000.00 |
| 30 | Curb Inlet (6' x 8') (Setback w/ Area Inlet Opening) | Each | 1 | \$7,000.00 | \$7,000.00 |
| 31 | Curb Inlet (8' x 4') (Setback) | Each | 1 | \$6,500.00 | \$6,500.00 |
| 32 | Junction Box (4' x 4') | Each | 3 | \$3,900.00 | \$11,700.00 |
| 33 | Curb Inlet Repair (6'x4') | Each | 2 | \$2,750.00 | \$5,500.00 |
| 34 | RCP Connection to Existing Structure | Each | 3 | \$1,500.00 | \$4,500.00 |
| 35 | End Section (15") (RCP) | Each | 2 | \$1,200.00 | \$2,400.00 |
| 36 | Riprap (Light Stone) (100) | Cu. Yds. | 15 | \$100.00 | \$1,500.00 |
| 37 | Adjust Existing Storm Sewer Junction Box | Each | 1 | \$1,200.00 | \$1,200.00 |
| 38 | Drain Tile Connection (EST) | Lin. Ft. | 350 | \$30.00 | \$10,500.00 |
| 39 | 4' Dia. Standard Manhole, 0'-6' Deep | Each | 4 | \$5,000.00 | \$20,000.00 |
| 40 | 4' Dia. Manhole Extra Depth | Vert. Ft. | 7 | \$250.00 | \$1,750.00 |
| 41 | Sanitary Sewer Pipe (8") (PVC) (SDR-26) | Lin. Ft. | 1451 | \$130.00 | \$188,630.00 |
| 42 | Sanitary Sewer Pipe (10") (PVC) (SDR-26) | Lin. Ft. | 353 | \$140.00 | \$49,420.00 |
| 43 | Connect Sanitary Sewer Main to Existing Manhole | Each | 3 | \$1,000.00 | \$3,000.00 |
| 44 | PVC/VCP Coupler w/ Shear Guard | Each | 1 | \$250.00 | \$250.00 |
| 45 | Sanitary Sewer Service Reconnections | Each | 44 | \$500.00 | \$22,000.00 |
| 46 | Sanitary Sewer Lateral (6") (PVC) (EST) | Lin. Ft. | 1200 | \$50.00 | \$60,000.00 |
| 47 | Concrete Encasement (Sanitary) | Lin. Ft. | 56 | \$155.00 | \$8,680.00 |
| 48 | Adjust Existing Sanitary Sewer Manhole | Each | 4 | \$1,200.00 | \$4,800.00 |
| 49 | By-Pass Pumping | Lump Sum | 1 | \$10,750.00 | \$10,750.00 |
| 50 | Water Main Relocation (6") (HDPE) (EST) | Lin. Ft. | 500 | \$140.00 | \$70,000.00 |
| 51 | Water Service Line Reconnection (EST) | Each | 12 | \$1,800.00 | \$21,600.00 |
| 52 | Relocate Existing Fire Hydrant Assembly | Each | 3 | \$3,000.00 | \$9,000.00 |

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| 53 | Relocate Existing Water Meter | Each | 5 | \$900.00 | \$4,500.00 |
| 54 | Adjust Existing Water Valve | Each | 1 | \$250.00 | \$250.00 |
| 55 | Install 6" Gate Valve | Each | 5 | \$1,200.00 | \$6,000.00 |
| 56 | Permanent Traffic Control Signs (MEP) | Sq. Ft. | 98 | \$24.00 | \$2,352.00 |
| 57 | 2" x 2" Sign Posts | Lin. Ft. | 150 | \$15.00 | \$2,250.00 |
| 58 | 2-1/4" x 2-1/4" Sign Post Anchors | Lin. Ft. | 42 | \$11.00 | \$462.00 |
| 59 | Traffic Control | Lump Sum | 1 | \$20,000.00 | \$20,000.00 |
| 60 | Street Lighting Installation | Lump Sum | 1 | \$155,000.00 | \$155,000.00 |
| 61 | Fence (Temporary) (Construction) (EST) | Lin. Ft. | 2000 | \$5.00 | \$10,000.00 |
| 62 | Fence (Temporary) (Chain Link) | Lin. Ft. | 42 | \$12.00 | \$504.00 |
| 63 | Fence (Permanent) (42" Chain Link) | Lin. Ft. | 44 | \$30.00 | \$1,320.00 |
| 64 | Tree Replacement | Each | 11 | \$425.00 | \$4,675.00 |
| 65 | Shrub Replacement (EST) | Each | 33 | \$70.00 | \$2,310.00 |
| 66 | Lawn Sprinkler System (EST) | Each | 5 | \$1,800.00 | \$9,000.00 |
| 67 | Temporary Inlet Protection | Each | 23 | \$70.00 | \$1,610.00 |
| 68 | Temporary Slope Barrier (Silt Fence) (EST) | Lin. Ft. | 1795 | \$1.50 | \$2,692.50 |
| 69 | Temporary Slope Barrier (Straw Wattle) (EST) | Lin. Ft. | 4648 | \$2.50 | \$11,620.00 |
| 70 | Sodding (EST) | Sq. Yds. | 10000 | \$5.50 | \$55,000.00 |
| 71 | Construction Staking | Lump Sum | 1 | \$16,000.00 | \$16,000.00 |
| Engineer's Total Estimate Amount: | | | | | \$2,147,339.50 |
| Owner's Contingency Allowance: | | | | | \$50,000.00 |
| Total: | | | | | \$2,197,339.50 |

