



SCHLAGEL ASSOCIATES, P.A.

Engineers, Planners, Surveyors, Landscape Architects

COLEMAN EQUIPMENT - LEE'S SUMMIT

CIVIL/SITE

ENGINEER'S OPINION OF PROBABLE COST

December 4, 2017

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | EXTENSION |
|------|----------------------------------|----------|------|------------|--------------|
| 1 | Site Grading | 1.0 | LS | 265,000.00 | \$265,000.00 |
| 2 | 8" Asphalt Pavement | 4,100.0 | SY | 42.00 | \$172,200.00 |
| 3 | 6" Asphalt Pavement | 4,400.0 | SY | 39.00 | \$171,600.00 |
| 4 | Concrete Pavement | 2,100.0 | SF | 10.00 | \$21,000.00 |
| 5 | Concrete Apron | 1,000.0 | SF | 10.00 | \$10,000.00 |
| 6 | Concrete Sidewalk | 4,900.0 | SF | 5.00 | \$24,500.00 |
| 7 | Concrete Curb | 2,200.0 | LF | 15.00 | \$33,000.00 |
| 8 | Retaining Walls | 2,000.0 | SF | 45.00 | \$90,000.00 |
| 9 | 30" RCP | 50.0 | LF | 75.00 | \$3,750.00 |
| 10 | 24" RCP | 25.0 | LF | 70.00 | \$1,750.00 |
| 11 | 30" HDPE | 558.0 | LF | 65.00 | \$36,270.00 |
| 12 | 24" HDPE | 392.0 | LF | 60.00 | \$23,520.00 |
| 13 | 15" HDPE | 35.0 | LF | 50.00 | \$1,750.00 |
| 14 | Sanitary Sewer Service | 110.0 | LF | 75.00 | \$8,250.00 |
| 15 | 6" Sanitary Wye Fitting | 1.0 | EA. | 500.00 | \$500.00 |
| 16 | Detention Structure | 1.0 | EA. | 5,000.00 | \$5,000.00 |
| 17 | Water Quality Structure | 1.0 | EA. | 3,500.00 | \$3,500.00 |
| 18 | Storm Sewer End Section | 3.0 | EA. | 2,000.00 | \$6,000.00 |
| 19 | 6'x4' Area Inlet | 1.0 | EA. | 3,000.00 | \$3,000.00 |
| 20 | 6'x4' Curb Inlet | 6.0 | EA. | 3,000.00 | \$18,000.00 |
| 21 | 4'x4' Junction Box | 2.0 | EA. | 3,000.00 | \$6,000.00 |
| 22 | Water Service | 120.0 | LF | 45.00 | \$5,400.00 |
| 23 | Fire Line | 120.0 | LF | 65.00 | \$7,800.00 |
| 24 | Fire Hydrant | 1.0 | EA. | 3,500.00 | \$3,500.00 |
| 25 | Fire Line Vault & DCDA | 1.0 | LS | 12,500.00 | \$12,500.00 |
| 26 | Silt Fence | 1.0 | IS | 25,000.00 | \$25,000.00 |
| 27 | Stabilized Construction Entrance | 1.0 | EA. | 5,000.00 | \$5,000.00 |

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|----|----------------------------------|-----|----|-----------------|---------------------|
| 28 | Erosion Control Inlet Protection | 1.0 | LS | 10,000.00 | \$10,000.00 |
| | | | | SUBTOTAL | \$973,790.00 |

Disclaimers:

- 1 Since Engineer has no control over the cost of labor, materials, or equipment, or over contractor's(s') methods of determining prices, or over competitive bidding or market conditions, the estimate of construction cost and schedule provided for herein is to be made on the basis of Engineer's experience and qualifications and represents Engineer's best judgment as a professional engineer familiar with the construction industry, but Engineer cannot and does not guarantee that the bids or the Project construction cost or schedule will not vary from the Engineer's Opinion of Probabl Cost and schedule prepared by Engineer.
- 2 The Engineer's Opinion of Probable Cost is based upon reasonable assumptions from a conceptual plan.
- 3 The format of this document may not be the same as the final format used to obtain competitive bids.
- 4 Any use of this document other than for preliminary cost analysis is not recommended.