



ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

7101 College Blvd., Suite 400

Overland Park, KS 66210

(913) 663-1900 - p

(913) 663-1633 - f

Project: Lee's Summit Police Substation

Date: January 8, 2024

No.	Bid Item	Units	Quantity*	Unit Cost	Total Cost
Demolition					
1	Existing Pavement Removal	SF	29,000	\$2.00	\$58,000.00
Subtotal					\$58,000.00
Erosion Control					
1	Silt fence	LF	1,280	\$1.50	\$1,920.00
2	Inlet protection	EA	12	\$250.00	\$3,000.00
3	Construction entrance	EA	1	\$2,000.00	\$2,000.00
4	Steep slope blanket	SF	28,370	\$0.40	\$11,348.00
5	Temporary Sediment Pond	EA	1	\$20,000.00	\$20,000.00
6	Rip Rap Outlets				
Subtotal					\$38,268.00
Grading					
1	Site Stripping	SF	16,000	\$0.50	\$8,000.00
2	Site Grading (on-site material)	CY	5,000	\$10.25	\$51,250.00
3	Site Grading (Exported Material)	CY	6,000	\$52.50	\$315,000.00
Subtotal					\$374,250.00
Paving					
2	Construction fence	LF	1,800	\$10.00	\$18,000.00
3	Concrete curb and gutter	LF	5,580	\$28.00	\$156,240.00
4	Concrete sidewalk	SF	7,340	\$8.00	\$58,720.00
5	Medium duty asphalt pavement (7") *Includes subgrade treatment	SF	38,000	\$8.50	\$323,000.00
6	Medium duty concrete pavement (6") *Includes subgrade treatment	SF	14,000	\$14.00	\$196,000.00
7	Concrete dumpster pad (7")	SF	300	\$50.00	\$15,000.00
Subtotal					\$766,960.00
Utilities					
1	Domestic Waterline (6")	LF	645	\$40.00	\$25,800.00
2	Domestic Waterline (2")	LS	360	\$25.00	\$9,000.00
3	Gate Valve (6")	EA	2	\$2,500.00	\$5,000.00
4	Backflow Preventer and Vault (6")	EA	1	\$9,500.00	\$9,500.00
5	Sanitary Sewer Service Line	LF	150	\$60.00	\$9,000.00
6	Curb Inlet/Area Inlets	EA	6	\$10,000.00	\$60,000.00
7	Curb Inlet Modifications	EA	2	\$3,500.00	\$7,000.00
8	Outlet Control Structure	EA	1	\$18,000.00	\$18,000.00
9	Storm Sewer (15" HDPE)	LF	340	\$70.00	\$23,800.00
10	Storm Sewer (18" HDPE)	LF	170	\$85.00	\$14,450.00
11	Storm Sewer (24" HDPE)	LF	75	\$100.00	\$7,500.00
12	Storm Sewer (36" HDPE)	LF	85	\$140.00	\$11,900.00

13	Site Electrical (includes site lighting)	LS	1	\$370,000.00	\$370,000.00
	Subtotal				\$570,950.00
	Landscaping				
1	Deciduous Tree	EA	32	\$1,500.00	\$48,000.00
2	Evergreen Tree	EA	13	\$1,250.00	\$16,250.00
3	Ornamental Tree	EA	31	\$1,000.00	\$31,000.00
4	Shrubs	EA	623	\$90.00	\$56,070.00
5	Grasses & Perennials	EA	468	\$50.00	\$23,400.00
6	Turf Sod	SF	35,017	\$1.15	\$40,269.55
7	Decorative Gravel	SF	22,445	\$3.25	\$72,946.25
8	Turf Seed	SF	39,770	\$0.15	\$5,965.50
10	Native Wetland Seed Mix	SF	26,125	\$1.30	\$33,962.50
11	Irrigation	LS	1	\$115,000.00	\$115,000.00
	Subtotal				\$442,863.80
				Total:	\$2,251,291.80

Note: The costs shown on this estimate represent an estimate of probable costs prepared in good faith and with reasonable care. BHC has no control over the costs of construction labor, materials, or equipment, nor over competitive bidding or negotiating methods and does not make any commitment or assume any duty to assure that bids or negotiated prices will not vary from this estimate. This estimate does not include costs for right-of-way, utility relocation, and engineering administration.

