



7101 College Blvd., Suite 400
Overland Park, KS 66210
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Project: HCA LSMC ASC Private Improvements

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Date: February 10, 2023

No.	Bid Item	Units	Quantity*	Unit Cost	Total Cost
Erosion Control					
1	Silt fence	LF	1,300	\$1.50	\$1,950.00
2	Inlet protection	EA	10	\$150.00	\$1,500.00
3	Construction entrance	EA	1	\$2,000.00	\$2,000.00
4	Steep slope blanket	SF	20,000	\$0.50	\$10,000.00
	Subtotal				\$15,450.00
Grading					
1	18" LVC Material	Ton	2,000	\$20.00	\$40,000.00
2	Cut/Fill operations	CY	10,000	\$2.00	\$20,000.00
	Subtotal				\$60,000.00
Paving					
1	Traffic control	LS	1	\$5,000.00	\$5,000.00
2	Construction fence	LF	1,600	\$10.00	\$16,000.00
3	Signage	EA	10	\$500.00	\$5,000.00
4	Concrete curb and gutter	LF	2,840	\$25.00	\$71,000.00
5	Concrete sidewalk	SF	7,050	\$7.00	\$49,350.00
6	ADA ramp	EA	6	\$1,500.00	\$9,000.00
7	Medium duty asphalt pavement (7")	SY	3,230	\$27.00	\$87,210.00
8	Light duty asphalt pavement (6")	SY	1,750	\$22.00	\$38,500.00
9	Concrete drive entrance (8")	SF	1,090	\$12.00	\$13,080.00
10	Medium duty concrete pavement (6")	SF	10,580	\$8.00	\$84,640.00
11	Concrete dumpster pad (7")	SF	960	\$10.00	\$9,600.00
12	Aggregate base (6")	SY	4,980	\$15.00	\$74,700.00
13	Aggregate base (4")	SY	2,187	\$10.00	\$21,866.67
14	Flyash treatment (6")	SY	7,167	\$5.00	\$35,833.33
	Subtotal				\$520,780.00
Utilities					
1	Fire hydrant	EA	1	\$5,000.00	\$5,000.00
2	Fire service line	LF	350	\$60.00	\$21,000.00
3	Domestic water line	LF	305	\$25.00	\$7,625.00
4	Water valves	EA	2	\$1,500.00	\$3,000.00
5	Domestic service tap	EA	1	\$1,000.00	\$1,000.00
6	Fire service tee	EA	1	\$2,000.00	\$2,000.00
7	Irrigation backflow	EA	1	\$1,500.00	\$1,500.00
8	Curb inlet	EA	3	\$5,000.00	\$15,000.00
9	Junction box	EA	2	\$3,000.00	\$6,000.00
10	4" HDPE storm pipe	LF	100	\$35.00	\$3,500.00
11	12" HDPE storm pipe	LF	55	\$40.00	\$2,200.00
12	15" HDPE storm pipe	LF	455	\$45.00	\$20,475.00
13	18" HDPE storm pipe	LF	15	\$50.00	\$750.00
14	24" HDPE storm pipe	LF	30	\$70.00	\$2,100.00
15	Detention outlet structure	EA	2	\$8,000.00	\$16,000.00
16	Flared end section	EA	6	\$2,000.00	\$12,000.00
17	Rip rap apron	CY	75	\$75.00	\$5,625.00
18	6" PVC sanitary service	LF	160	\$70.00	\$11,200.00
19	Sanitary wye connection	EA	1	\$500.00	\$500.00
20	Sanitary cleanout	EA	2	\$1,000.00	\$2,000.00
	Subtotal				\$138,475.00
Landscaping					
1	Tree	EA	44	\$500.00	\$22,000.00
2	Shrub	EA	250	\$100.00	\$25,000.00
3	Rock mulch	SY	100	\$12.00	\$1,200.00
4	Wood mulch	SY	1,400	\$9.00	\$12,600.00
5	Sod	SY	7,500	\$4.00	\$30,000.00
	Subtotal				\$90,800.00
	Total:				\$825,505.00

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.