



**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: SLE Hospital - ASC Expansion & Renovation
Site Improvements**

Date: January 11, 2023

No.	Bid Item	Units	Quantity*	Unit Cost	Total Cost
Erosion Control					
1	Storm Inlet Protection	EA	15	\$200.00	\$3,000.00
2	Concrete Washout	EA	2	\$500.00	\$1,000.00
3	Sediment Fence	LF	1,600	\$2.50	\$4,000.00
4	Temporary Construction Entrance	EA	2	\$600.00	\$1,200.00
5	Temporary Seeding	AC	1.4	\$2,000.00	\$2,800.00
6	Maintenance of Erosion Control Measures	LS	1	\$15,000.00	\$15,000.00
7	Erosion Control Blanket	SY	2,800.0	\$5.00	\$14,000.00
				Subtotal:	\$41,000.00
Grading & Drainage					
1	Earthwork (cut)	CY	2,468	\$3.00	\$7,404.00
2	Earthwork (fill)	CY	21,876	\$3.00	\$65,628.00
3	Earthwork (hauling in)	CY	19,409	\$20.00	\$388,180.00
4	Retaining Wall	Face SF	10,000	\$45.00	\$450,000.00
5	Wall Fence	LF	610	\$90.00	\$54,900.00
6	Detention Basin Grading	EA	1	\$15,000.00	\$15,000.00
7	Storm Structure - 4x4 Box	EA	4	\$5,000.00	\$20,000.00
8	Storm Structure - 3x3 Box	EA	1	\$4,500.00	\$4,500.00
9	Storm Structure - 8x8 Box	EA	3	\$15,000.00	\$45,000.00
10	Storm Structure - 6x9 Box	EA	1	\$15,000.00	\$15,000.00
11	Storm Structure - 6x6 Box	EA	1	\$12,000.00	\$12,000.00
12	Storm Structure - 3x5 Box	EA	1	\$9,000.00	\$9,000.00
13	Storm Structure - 3x5 Inlet	EA	1	\$5,000.00	\$5,000.00
14	Storm Structure - 24" PVC Drain Basin	EA	1	\$4,500.00	\$4,500.00
15	Storm Structure Modification	EA	2	\$12,000.00	\$24,000.00
16	Flared End Section	EA	2	\$2,000.00	\$4,000.00
17	8" HDPE	LF	20	\$25.00	\$500.00
18	12" HDPE	LF	90	\$35.00	\$3,150.00
19	15" HDPE	LF	410	\$45.00	\$18,450.00
20	24" HDPE	LF	600	\$115.00	\$69,000.00
21	36" RCP	LF	100	\$250.00	\$25,000.00
22	48" RCP	LF	210	\$450.00	\$94,500.00
23	60" HDPE	LF	240	\$315.00	\$75,600.00
24	44x72" RCB	LF	30	\$500.00	\$15,000.00
25	RipRap	Ton	50	\$25.00	\$1,250.00
				Subtotal:	\$1,426,562.00

No.	Bid Item	Units	Quantity*	Unit Cost	Total Cost
Paving					
1	Construction fence	LF	1,600	\$10.00	\$16,000.00
2	Site handrails	LF	12	\$100.00	\$1,200.00
3	Concrete curb and gutter	LF	2,750	\$40.00	\$110,000.00
4	Concrete sidewalk	SF	5,310	\$5.00	\$26,550.00
5	ADA ramp	EA	12	\$1,400.00	\$16,800.00
6	Concrete Stairs	EA	1	\$2,500.00	\$2,500.00
7	Heavy duty asphalt pavement (7")	SY	120	\$24.00	\$2,880.00
8	Medium duty asphalt pavement (6")	SY	9,720	\$20.00	\$194,400.00
9	Heavy duty concrete pavement (7")	SY	580	\$75.00	\$43,500.00
10	Medium duty concrete pavement (6")	SY	380	\$65.00	\$24,700.00
11	Aggregate base (6")	SY	12,030	\$8.00	\$96,240.00
12	Geogrid Base	SY	12,030	\$4.00	\$48,120.00
				Subtotal:	\$582,890.00
Private Utilities					
1	Sanitary Connection	EA	1	\$500.00	\$500.00
2	6" PVC	LF	20	\$30.00	\$600.00
3	Sanitary Manhole - 4 ft diameter	EA	3	\$7,500.00	\$22,500.00
4	Sanitary Pipe - 8" PVC	LF	170	\$85.00	\$14,450.00
				Subtotal:	\$38,050.00
Public Sanitary Main Improvements					
1	Manhole Modifications	EA	3	\$6,000.00	\$18,000.00
				Subtotal:	\$18,000.00
Landscaping					
1	Tree	EA	24	\$500.00	\$12,000.00
2	Shrub	EA	82	\$100.00	\$8,200.00
3	Perennials	EA	315	\$20.00	\$6,300.00
4	Rock mulch	SY	300	\$12.00	\$3,600.00
5	Wood mulch	SY	460	\$9.00	\$4,140.00
6	Sod	SY	6,300	\$4.00	\$25,200.00
7	Topsoil	SY	7,060	\$3.00	\$21,180.00
				Subtotal:	\$80,620.00
				TOTAL:	\$2,187,122.00

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.