



April 25, 2019

Mr. Gene Williams
Senior Staff Engineer
City of Lee's Summit
220 SE Green Street
Lee's Summit, MO 64063

**RE: Lee's Summit Medical Center – Medical Office Building
PL2017190 Engineer's Opinion of Probable Cost
Lee's Summit, Missouri**

Dear Mr. Williams:

Attached is a detailed opinion of probable construction cost of the proposed site work for the above-referenced project.

Site & General Conditions	QTY	UNITS	UNIT RATE	COST
Site Grading & Mass Ex	5.69	AC	\$ 62,150.00	\$ 353,633.50
Silt Fence	2,554	LF	\$ 2.00	\$ 5,108.00
Final Stabilization/Sodding	4,200	SY	\$ 2.15	\$ 9,030.00
Sub-total Site & General Conditions				\$ 367,771.50
Retaining Wall	QTY	UNITS	UNIT RATE	COST
Handrails	385	LF	\$ 200.00	\$ 77,000.00
Cast-in-place concrete wall	2,695	SF	\$ 100.00	\$ 269,500.00
Sub-total Retaining Wall				\$ 346,500.00
Drainage	QTY	UNITS	UNIT RATE	COST
Catch Basin	2	EA	\$ 2,500.00	\$ 5,000.00
Curb Inlet	9	EA	\$ 3,500.00	\$ 31,500.00
NDS Inlet	6	EA	\$ 96.00	\$ 576.00
Manhole	1	EA	\$ 3,470.00	\$ 3,470.00
Control Structure	1	EA	\$ 4,500.00	\$ 4,500.00
Roof Drain Connection	3	EA	\$ 380.00	\$ 1,140.00
Clean out	3	EA	\$ 100.00	\$ 300.00
4" Perforated HDPE	125	LF	\$ 1.50	\$ 187.50
4" PVC	218	LF	\$ 6.00	\$ 1,308.00
8" PVC	54	LF	\$ 12.00	\$ 648.00
12" PVC	232	LF	\$ 15.00	\$ 3,480.00
15" RCP	120	LF	\$ 18.00	\$ 2,160.00
18" RCP	565	LF	\$ 22.00	\$ 12,430.00
24" RCP	358	LF	\$ 25.00	\$ 8,950.00
30" RCP	200	LF	\$ 35.00	\$ 7,000.00
Sand Filter	850	CF	\$ 6.00	\$ 5,100.00
Bioretention	8,500	CF	\$ 5.00	\$ 42,500.00
Sub-total Drainage				\$ 130,249.50

Water	QTY	UNITS	UNIT RATE	COST
3" PVC	470	LF	\$ 4.00	\$ 1,880.00
6" PVC	203	LF	\$ 8.00	\$ 1,624.00
8" PVC	625	LF	\$ 12.00	\$ 7,500.00
Fire Hydrant Assembly	2	EA	\$ 2,805.00	\$ 5,610.00
6" PIV	1	EA	\$ 1,165.00	\$ 1,165.00
8" PIV	1	EA	\$ 2,275.00	\$ 2,275.00
6" DDCVA	1	EA	\$ 1,820.00	\$ 1,820.00
FDC	1	EA	\$ 280.00	\$ 280.00
Backflow Vault	1	EA	\$ 1,000.00	\$ 1,000.00
Misc. Fittings	1	LS	\$ 12,000.00	\$ 12,000.00
Relocation of Backflow Valuts	1	LS	\$ 1,000.00	\$ 1,000.00
Sub-total Water				\$ 36,154.00
Sanitary	QTY	UNITS	UNIT RATE	COST
Manhole	2	EA	\$ 3,500.00	\$ 7,000.00
8" PVC	700	LF	\$ 12.00	\$ 8,400.00
Clean Out	9	EA	\$ 50.00	\$ 450.00
Misc Fittings	1	LS	\$ 8,000.00	\$ 8,000.00
Sub-total Sanitary				\$ 23,850.00
Paving & Concrete	QTY	UNITS	UNIT RATE	COST
Light Duty Asphalt	56,272	SF	\$ 3.00	\$ 168,816.00
Heavy Duty Asphalt	63,587	SF	\$ 4.00	\$ 254,347.16
6" concrete pavement	651	SY	\$ 25.00	\$ 16,275.00
4" sidewalk	7,302	SF	\$ 3.00	\$ 21,906.00
Curb & Gutter	5,345	LF	\$ 16.00	\$ 85,520.00
Sub-total Paving & Concrete				\$ 546,864.16
Sub-total Site & General Conditions				\$ 367,771.50
Sub-total Retaining Wall				\$ 346,500.00
Sub-total Drainage				\$ 130,249.50
Sub-total Water				\$ 36,154.00
Sub-total Sanitary				\$ 23,850.00
Sub-total Paving & Concrete				\$ 546,864.16
Total Cost				\$ 1,451,389.16

Should you have any questions or concerns, please do not hesitate to contact me via phone (407-975-1273) or e-mail (ghuddleston@smeinc.com).

Sincerely,
S&ME, Inc.



George Huddleston, PE
Area Manager - Healthcare

