



KAW VALLEY ENGINEERING

14700 W. 114th Terrace
Lenexa, KS 66215
TEL: 913-894-5150

Job:

Lee's Summit High School Additions and Renovation

No.

C20D0496

Calculated By:

David Wood

Date:

11/20/2020

Checked By:

Title:

Engineer's Preliminary Estimate of Probable Construction Cost

This ENGINEER'S opinion of probable construction cost is made on the basis of ENGINEER'S experience and qualifications and represents the ENGINEER'S best judgment as an experienced and qualified professional generally familiar with the industry. However, since the ENGINEER has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, ENGINEER cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from opinions of probable construction cost as prepared by ENGINEER. If OWNER wishes greater assurance as to probable construction costs, OWNER shall employ an independent cost estimator or contractor.

Lee's Summit HS Additions and Renovations & Athletics - DCM Related Infrastructure

No.	Description	Unit	Quantity	Unit Price	Total
1	Erosion Control	AC	16.58	\$ 3,500.00	\$ 58,030.00
2	Mass Grading (Cut/Fill)	CY	9,400	\$ 6.00	\$ 56,400.00
3	Subgrade Preparation	SY	18,780	\$ 5.00	\$ 93,900.00
4	6" Compacted Aggregate Base	SY	18,780	\$ 6.75	\$ 126,765.00
5	Asphalt Pavement Heavy Duty	SY	12,540	\$ 25.31	\$ 317,387.40
6	Asphalt Pavement Light Duty	SY	1,906	\$ 9.00	\$ 17,154.00
7	Asphalt Overlay	SY	5,160	\$ 9.00	\$ 46,440.00
8	Concrete Paving (8")	SY	2,500	\$ 90.00	\$ 225,000.00
9	Curb and Gutter (CG-1)	LF	5,320	\$ 22.50	\$ 119,700.00
10	Concrete Sidewalk/Ramps (4" on Rock)	SF	78,020	\$ 6.25	\$ 487,625.00
11	Storm Sewer Structures Concrete	EA	3	\$ 4,000.00	\$ 12,000.00
12	Storm Sewer Structures PVC	EA	30	\$ 1,500.00	\$ 45,000.00
13	12" HDPE	LF	1,450	\$ 45.00	\$ 65,250.00
14	15" HDPE	LF	1,170	\$ 50.00	\$ 58,500.00
15	18" HDPE	LF	384	\$ 55.00	\$ 21,120.00
16	24" HDPE	LF	366	\$ 65.00	\$ 23,790.00
17	30" HDPE	LF	692	\$ 80.00	\$ 55,360.00
18	Stormwater Mitigation	LS	1	\$ 40,000.00	\$ 40,000.00
19	Sanitary Manholes	EA	4	\$ 3,500.00	\$ 14,000.00
20	Sanitary Manhole Adjustment	EA	5	\$ 2,000.00	\$ 10,000.00
21	8" Sanitary Main PVC	LF	697	\$ 45.00	\$ 31,365.00
22	8" Sanitary Main DIP	LF	68	\$ 75.00	\$ 5,100.00
23	Sanitary Service Line	LF	478	\$ 40.00	\$ 19,120.00
24	6" Domesitic Servce Line with Valves/Fittings	LF	740	\$ 55.00	\$ 40,700.00
25	4" Domesitic Servce Line with Valves/Fittings	LF	90	\$ 50.00	\$ 4,500.00
25	6" PVC Fire Line with Valves/Fittings	LF	447	\$ 55.00	\$ 24,585.00
26	8" PVC Fire Line with Valves/Fittings	LF	1,008	\$ 60.00	\$ 60,480.00
27	Hydrant Assemblies	EA	4	\$ 4,500.00	\$ 18,000.00
28	Meter/Backflow Preventer in Vault	EA	3	\$ 7,500.00	\$ 22,500.00

Notes:
Approximate Disturbed Area: 102,800 SF

\$20/Ton - 150 pcf
\$75/Ton - 150 pcf
\$80/Ton - 150 pcf
\$80/Ton - 150 pcf
\$10.00 per SF - KCCMB No Reinforcement



Construction Estimate Total For City Inspection Items

\$ 2,119,771.40