

Lee's Summit Fire Station #3 Engineer's Estimate

Item/Material	Unit Cost	No. of Units	Item Total	Comments/Description
Earthwork, Excavation & Site Prep	\$ 16,740	1	\$ 16,740	Earthwork
Construction Entrance	\$ 1,500	1	\$ 1,500	
Concrete Washout Pit	\$ 1,200	1	\$ 1,200	
Concrete Walks (Unit: SY)	\$ 40	444	\$ 17,760	4" Concrete on Compacted Subgrade
Sidewalk Ramps	\$ 750	3	\$ 2,250	ADA Ramps
Curb & Gutter (Unit: LF)	\$ 18	1,158	\$ 20,844	Street, Parking
Concrete Pavement, 6" (Unit: SY)	\$ 55	3,630	\$ 199,650	Street, Drives, Parking
Detention Pond Outlet Structure	\$ 2,000	1	\$ 2,000	
Filter Fabric (Unit: SF)	\$ 0	226	\$ 57	Under Rip Rap in Detention Pond
18" Thick Stone RipRap (Unit: SF)	\$ 10	226	\$ 2,260	At Detention Pond
Concrete Flume	\$ 1,000	1	\$ 1,000	Into Detention Pond
Erosion Control	\$ 10,000	1	\$ 10,000	Silt Fence & Inlet Protection
Construction Staking	\$ 10,000	1	\$ 10,000	
Landscaping	\$ 38,298	1	\$ 38,298	Materials & Installation
Sanitary Sewer Line (Unit: LF)	\$ 30	678	\$ 20,340	6" HDPE
Sanitary Cleanout	\$ 400	6	\$ 2,400	1 per 100 LF
Sanitary Oil/Sand Interceptor	\$ 18,000	1	\$ 18,000	
6" HDPE Pipe (Unit: LF)	\$ 12	363	\$ 4,356	ADS or Equal
8" HDPE Pipe (Unit: LF)	\$ 18	154	\$ 2,772	ADS or Equal
10" HDPE Pipe (Unit: LF)	\$ 20	155	\$ 3,100	ADS or Equal
12" HDPE Pipe (Unit: LF)	\$ 22	218	\$ 4,796	ADS or Equal
12" x 30" Area Inlet in Grass Lawn	\$ 50	2	\$ 100	ADS Nyloplast Dome or Equal
Downspout Boots	\$ 50	25	\$ 1,250	PVC or other plastic
6"x6" Area Inlet in Concrete	\$ 40	1	\$ 40	ADS Nyloplast or Equal
12" HDPE End Section	\$ 200	1	\$ 200	ADS or Equal
15" RCP (Unit: LF)	\$ 60	294	\$ 17,640	Detention Pond Outlet Pipe/Structure
Storm Manhole (Unit: EA)	\$ 2,500	2	\$ 5,000	Detention Pond Outlet Pipe/Structure
Connection to Existing Storm Structure	\$ 750	1	\$ 750	Detention Pond Outlet Pipe/Structure
6" Water Line (Unit: LF)	\$ 65	56	\$ 3,640	Fire Line
Fire Hydrant and Paved Apron	\$ 6,000	1	\$ 6,000	
Water Meter Vault	\$ 3,500	1	\$ 3,500	
TOTAL			\$ 417,443	

*This estimate is not comprehensive of all site/civil costs. This estimate includes line items that are inspected by Development Services Engineering Staff.

