

Lee's Summit Fire Station #3
Engineer's Estimate- 6/14/2018

Item/Material	Unit Cost	No. of Units	Item Total	Comments/Description
Sitework & Landscaping				
Mobilization	\$ 8,000	1	\$ 8,000	
Earthwork & Excavation & Site Clearing (Lump Sum)	\$ 26,000	1	\$ 26,000	
Construction Entrance (Lump Sum)	\$ 3,000	1	\$ 3,000	
Concrete Washout Pit (Lump Sum)	\$ 1,200	1	\$ 1,200	
Stone Rip Rap on Filter Fabric (Unit: SF)	\$ 22	430	\$ 9,460	
Seeding & Landscaping (Lump Sum)	\$ 53,533	1	\$ 53,533	
Construction Staking (Lump Sum)	\$ 8,000	1	\$ 8,000	
Erosion Control (Lump Sum)	\$ 10,000	1	\$ 10,000	
Segmental Block Retaining Wall (Unit: SF)	\$ 30	648	\$ 19,440	Big Block Brand
Utility Work				
6" HDPE (Unit: LF)	\$ 12	363	\$ 4,356	ADS or Equal
8" HDPE (Unit: LF)	\$ 18	154	\$ 2,772	ADS or Equal
10" HDPE (Unit: LF)	\$ 20	155	\$ 3,100	ADS or Equal
12" HDPE (Unit: LF)	\$ 22	218	\$ 4,796	ADS or Equal
15" RCP (Unit: LF)	\$ 60	134	\$ 8,040	
4" Sanitary Sewer Line (Unit: LF)	\$ 30	50	\$ 1,500	
2" Water Line (Unit: LF)	\$ 28	56	\$ 1,568	Domestic Line
6" Water Line (Unit: LF)	\$ 65	56	\$ 3,640	Fire Line
Water Meter Vault (Lump Sum)	\$ 13,924	1	\$ 13,924	Based on LS Water Tap Fees for 1 1/2" Meter & Set-up
Fire Hydrant & Paved Apron (Lump Sum)	\$ 6,000	1	\$ 6,000	
Downspout Boots	\$ 50	25	\$ 1,250	PVC or other plastic
Sanitary Oil/Sand Interceptor	\$ 18,000	1	\$ 18,000	
Sanitary Cleanout	\$ 400	1	\$ 400	
12" x 30" Area Inlet in Lawn	\$ 150	2	\$ 300	ADS Nyloplast Dome or Equal
6" x 6" Area Inlet in Concrete	\$ 140	1	\$ 140	ADS Nyloplast or Equal
12" HDPE End Section w/toe wall	\$ 250	1	\$ 250	
15" RCP End Section w/toe wall	\$ 350	1	\$ 350	
Detention Pond Outlet Structure (Lump Sum)	\$ 5,000	1	\$ 5,000	Including Trash Rack
Paving				
Concrete Walks (Unit: SY)	\$ 55	444	\$ 24,420	4" Concrete on Compacted Subgrade
Sidewalk Ramps	\$ 750	3	\$ 2,250	ADA Standards
Curb & Gutter (Unit: LF)	\$ 25	1,158	\$ 28,950	City Standard
Concrete Paving (Unit: SY)	\$ 75	3,630	\$ 272,250	7" Concrete on 6" Gravel
Concrete Flume (Lump Sum)	\$ 1,000	1	\$ 1,000	Into Detention Pond
6" MoDot Type 5 Aggregate Base (Unit: SY)	\$ 8	3759	\$ 30,072	Under all concrete paving & 1 Foot Behind Back of Curt
			\$ 572,961	Total

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

