



Engineer's Cost Estimate
FOR
The Village at Discovery Park
Lot 4

PROJECT NO.
230286



July 26, 2024



ENGINEERING CONSULTANTS

The Village at Discovery Park - Lot 4

OPINION OF PROBABLE COST

July 26, 2024

ITEM DESCRIPTION	QUANTITY	UM	UNIT PRICE	TOTAL PRICE
Mobilization	1	LS	\$ 35,000.00	\$ 35,000.00
Construction Entrance	1	LS	\$ 500.00	\$ 500.00
Curb Inlet Protection	6	EA	\$ 100.00	\$ 600.00
Area Inlet & Junction Box Protection	4	EA	\$ 100.00	\$ 400.00
Straw Wattle	402	LF	\$ 2.00	\$ 804.00
Grading	1,200	CY	\$ 4.00	\$ 4,800.00
3' x 3' Type A	1	EA	\$ 3,200.00	\$ 3,200.00
3' x 3' Junction Box	1	EA	\$ 3,000.00	\$ 3,000.00
8' x 3' Double Type A	1	EA	\$ 6,500.00	\$ 6,500.00
10" Inline/End of Line Drain	2	EA	\$ 500.00	\$ 1,000.00
12" Nyloplast Drain Basin	2	EA	\$ 1,500.00	\$ 3,000.00
8" PVC	96	LF	\$ 20.00	\$ 1,920.00
10" PVC	72	LF	\$ 25.00	\$ 1,800.00
12" HDPE	106	LF	\$ 25.00	\$ 2,650.00
18" HDPE	140	LF	\$ 40.00	\$ 5,600.00
6" SDR 26 Sanitary lateral	20	LF	\$ 35.00	\$ 700.00
Sanitary cleanout	1	EA	\$ 1,000.00	\$ 1,000.00
2" Soft Type K Copper service line	30	LF	\$ 50.00	\$ 1,500.00
3" CPVC service line	72	LF	\$ 30.00	\$ 2,160.00
6" CPVC waterline	506	LF	\$ 60.00	\$ 30,360.00
6" Tee	1	EA	\$ 300.00	\$ 300.00
6" Valves	3	EA	\$ 1,000.00	\$ 3,000.00
Fire Hydrant Assemblies	2	EA	\$ 4,000.00	\$ 8,000.00
Adjust utility structures to finish grade	3	EA	\$ 1,500.00	\$ 4,500.00
4" Concrete Sidewalk w/ base	5,185	SF	\$ 5.00	\$ 25,925.00
6" Concrete Pavement w/ base	3,640	SY	\$ 60.00	\$ 218,400.00
8" Concrete Pavement w/ base	46	SY	\$ 80.00	\$ 3,680.00
Jointing all pavements	4,262	SY	\$ 2.50	\$ 10,655.00
Ramps	4	EA	\$ 1,000.00	\$ 4,000.00
Stairs w/ handrail	2	EA	\$ 1,000.00	\$ 2,000.00
Retaining wall	1	EA	\$ 10,000.00	\$ 10,000.00
Striping (includes ADA spaces)	2,235	LF	\$ 0.50	\$ 1,117.50
Seeding & Mulching	0.23	AC.	\$ 2,000.00	\$ 460.00
TOTAL ESTIMATE				\$ 398,531.50

This estimate is required and performed in accordance to City of Lee's Summit Unified Development Code Section 3.415. It is based on opinion and shall not hold the Engineer liable for any variations in final construction costs or bids.