



The Village at Discovery Park
 Project No.: D21-04643
 11/09/2023
 For: the City of Lee's Summit, MO

Opinion of Probable Cost Public Water Main Extension Plans Based on Final Plans

ITEM OF WORK	QUANTITY	UNIT	UNIT COST	COST
SOUTH PHASE				
Water Lines				
Mains				
12" C900 PVC	2598.64	L.F.	\$42.00	\$109,142.88
Bends				
12" Mains	10.00	Ea.	\$592.00	\$5,920.00
Tees / Crosses				
12"x8" Tee	1.00	Ea.	\$787.00	\$787.00
12"x12" Tee	2.00	Ea.	\$835.00	\$1,670.00
Gate Valves				
12" Mains	6.00	Ea.	\$2,600.00	\$15,600.00
Miscellaneous				
Encasement	103.00	L.F.	\$300.00	\$30,900.00
Fire Hydrant Assemblies	10.00	Ea.	\$4,400.00	\$44,000.00
Chlorination and Connection to Existing	3.00	Ea.	\$3,000.00	\$9,000.00
Water Main (Abandon or Remove)	2718.00	L.F.	\$14.00	\$38,052.00
As-Builts	1.00	L.S.	\$1,000.00	\$1,000.00
Subtotal				\$256,071.88
NORTH PHASE				
Water Lines				
Mains				
12" C900 PVC	1801.00	L.F.	\$42.00	\$75,642.00
Bends				
12" Mains	6.00	Ea.	\$592.00	\$3,552.00
Tees / Crosses				
12"x6" Tee	6.00	Ea.	\$650.00	\$3,900.00
12"x8" Tee	4.00	Ea.	\$787.00	\$3,148.00
12"x12" Tee	1.00	Ea.	\$835.00	\$835.00
Solid Sleeves				
12" Mains	3.00	Ea.	\$425.00	\$1,275.00
Plugs				
8" Mains	4.00	Ea.	\$142.00	\$568.00
12" Mains	1.00	Ea.	\$218.00	\$218.00
Gate Valves				
8" Mains	4.00	Ea.	\$1,250.00	\$5,000.00
12" Mains	8.00	Ea.	\$2,600.00	\$20,800.00
Miscellaneous				
Encasement	105.00	L.F.	\$300.00	\$31,500.00
Temporary Flushing Assembly	1.00	Ea.	\$2,500.00	\$2,500.00
Fire Hydrant Assemblies	3.00	Ea.	\$4,400.00	\$13,200.00
Straddle Blocks	5.00	Ea.	\$1,900.00	\$9,500.00
Chlorination and Connection to Existing	1.00	Ea.	\$3,000.00	\$3,000.00
Subtotal				\$174,638.00
MISC. EXTRAS & OVERRUNS (10%)				\$43,070.99
GRAND TOTAL				\$473,780.87

Final construction costs may be impacted by input from local, state, and federal regulatory authorities. Estimate does not include state or federal regulatory permit fees or potential mitigation cost for stream and wetland impacts.

Construction costs are subject to unit cost increases due to inflation and market factors beyond control of or unknown to consultant at time of estimate.

We do not guarantee that our opinions will not differ materially from negotiated prices or bids. If assurances as to probable construction costs are desired, an independent estimator or contractor should be employed.

