

Engineering Estimate
2025 5TH AVE S WATER MAIN PROJECT
FORT DODGE, IOWA

ESTIMATED PROJECT QUANTITIES					ESTIMATED COSTS	
ITEM NO.	ITEM CODE	ITEM	UNIT	TOTAL	UNIT PRICE	TOTAL
1	2010-1.08-D-1	TOPSOIL, ON-SITE	CY	1,110	\$ 22.00	\$ 24,422.44
2	3010-108-D	REPLACEMENT OF UNSUITABLE BACKFILL MATERIALS	CY	75	\$ 15.00	\$ 1,126.11
3	3010-108-F	TRENCH COMPACTION TESTING	LS	1	\$ 3,600.00	\$ 3,600.00
4	5010-108-A-1	WATER MAIN, TRENCHED, PVC, 12 IN. DIA.	LF	2,000	\$ 92.00	\$ 184,000.00
5	5010-108-A-1	WATER SERVICE STUB, TRENCHLESS, COPPER, 2 IN. DIA.	EA	2	\$ 12,500.00	\$ 25,000.00
6	5010-108-C-2	FITTINGS BY WEIGHT, DUCTILE IRON PIPE	LBS	612	\$ 20.00	\$ 12,232.00
7	-	CONNECT TO EXISTING WATER MAIN	EA	1	\$ 1,500.00	\$ 1,500.00
8	5020-108-C	FIRE HYDRANT ASSEMBLY	EA	4	\$ 8,000.00	\$ 32,000.00
9	5020-108-A	GATE VALVE / BOX ASSEMBLY - 12 IN. DIA.	EA	3	\$ 5,200.00	\$ 15,600.00
10	7030-108-H-A	DRIVEWAY, GRANULAR, 6 IN	SY	30	\$ 50.00	\$ 1,500.00
11	8030-108-A	TEMPORARY TRAFFIC CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00
12	9010-108-B	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND HYDROMULCH (TYPE 2)	AC	1	\$ 5,000.00	\$ 5,000.00
13	11020-108-1	MOBILIZATION	LS	1	\$ 30,000.00	\$ 30,000.00
14	-	CONTINGENCY	LS	1	\$ 40,000.00	\$ 40,000.00
					TOTAL =	\$380,980.55