

ENGINEER 'S ESTIMATE

PREPARED FOR

2023 Water System Improvements

SITUATED IN

PENNINGTON BOROUGH, MERCER COUNTY, NEW JERSEY

VNHA Project No.: 43828

March 16, 2023

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	COST
Project 1: West Delaware Avenue and Route 31 Main Replacement					
1	12" DIP Water Main Replacement	LF	2,000.0	\$ 200.00	\$ 400,000.00
2	8" DIP Water Main Replacement	LF	1,000.0	\$ 180.00	\$ 180,000.00
3	Jack/Bore Highway Crossing	LF	250.0	\$ 750.00	\$ 187,500.00
4	Fire Hydrant Assembly	Ea.	10.0	\$ 7,500.00	\$ 75,000.00
5	12" Gate Valve	Ea.	25	\$ 3,600.00	\$ 90,000.00
6	8" Gate Valve	Ea.	15	\$ 2,500.00	\$ 37,500.00
7	6" Gate Valve	Ea.	10	\$ 2,000.00	\$ 20,000.00
8	Reconnect Existing Well	Ea.	1	\$ 10,000.00	\$ 10,000.00
9	Reconnect Large Water Services	Ea.	5	\$ 2,000.00	\$ 10,000.00
10	Small Water Service	Ea.	10	\$ 3,500.00	\$ 35,000.00
11	Water Sampling Station	Ea.	2	\$ 5,000.00	\$ 10,000.00
12	12" x 12" Wet Tap	Ea.	4	\$ 12,500.00	\$ 50,000.00
13	6" x 6" Wet Tap	Ea.	2	\$ 10,000.00	\$ 20,000.00
ESTIMATED CONSTRUCTION COST					\$1,125,000.00
	Contingency (10%)				\$ 112,500.00
	Engineering, Legal, Permit Fees, Administration (25%)				\$ 281,250.00
ESTIMATED PROJECT COST					\$1,518,750.00

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	COST
Project 2: Well 6 Resiliency Upgrades					
1	Pump Replacement	LS	1.0	\$ 150,000.00	\$ 150,000.00
2	Building Modifications Current Treatment System	LS	1.0	\$ 100,000.00	\$ 100,000.00
3	Building Addition	LS	1.0	\$ 150,000.00	\$ 150,000.00
ESTIMATED CONSTRUCTION COST					\$400,000.00
	Contingency (10%)				\$ 40,000.00
	Engineering, Legal, Permit Fees, Administration (25%)				\$ 100,000.00
ESTIMATED PROJECT COST					\$540,000.00