

**Village of Amesville
Preliminary Project Cost Estimate
Monday, March 1, 2021
Water Distribution System Replacement**

Description	Estimated Quantities	Unit Cost	Units	Total Cost
Mobilization/Demobilization	1	\$ 20,000.00	LS	\$ 20,000
3/4" Touchread Meter w/ PRV (Reading Software & Hardware Inc.)	90	\$ 1,200.00	EA	\$ 108,000
2" Touchread Meter (Reading Software & Hardware Inc.)	1	\$ 1,800.00	EA	\$ 1,800
3/4" PE Service Line	2,500	\$ 40.00	LF	\$ 100,000
3/4" PE Service Line - Bored	2,000	\$ 48.00	LF	\$ 96,000
2" PE Service Line	200	\$ 50.00	LF	\$ 10,000
2" PE Service Line - Bored	210	\$ 55.00	LF	\$ 11,550
8" PVC DR 18 C900	420	\$ 95.00	LF	\$ 39,900
6" PVC DR 18 C900	11,300	\$ 75.00	LF	\$ 847,500
8" Gate Valve w/Box & Cover	1	\$ 2,800.00	EA	\$ 2,800
6" Gate Valve w/Box & Cover	32	\$ 2,500.00	EA	\$ 80,000
Fire Hydrants	17	\$ 5,000.00	EA	\$ 85,000
Remove Existing Fire Hydrants	16	\$ 900.00	EA	\$ 14,400
6" Stream Crossing (A or B) Include Valves	1	\$ 15,000.00	EA	\$ 15,000
Concrete Sidewalk Replacement	2400	\$ 45.00	CF	\$ 108,000
Concrete Driveway Replacement	220	\$ 60.00	CF	\$ 13,200
Asphalt Pavement Replacement	520	\$ 175.00	TN	\$ 91,000
12" Steel Casing Pipe (B+J)	300	\$ 300.00	LF	\$ 90,000
6" Reconnection at WTP	1	\$ 4,000.00	EA	\$ 4,000
8" Reconnection at Tank	1	\$ 4,200.00	EA	\$ 4,200
Abandon Existing 6-inch	10	\$ 750.00	EA	\$ 7,500
Abandon Existing 4-inch	1	\$ 600.00	EA	\$ 600
Lap Top w/ Billing Software	1	\$ 10,000.00	LS	\$ 10,000
Automatic Air/Vacuum Release Valve	2	\$ 4,200.00	EA	\$ 8,400
Connect to Existing 2" Line, Type III Connection	1	\$ 1,200.00	EA	\$ 1,200
Connect to Existing 6" Line, Type II Connection	1	\$ 2,800.00	EA	\$ 2,800
6" C900 PVC DR18 (for interconnection)	1250	\$ 75.00	LF	\$ 93,750
2" Meter, In Place	1	\$ 2,000.00	EA	\$ 2,000
2" Strainer, In Place	1	\$ 1,800.00	EA	\$ 1,800
2" Check Valve, In Place	1	\$ 850.00	EA	\$ 850
2" Pressure Reducing Valve, In Place	1	\$ 3,750.00	EA	\$ 3,750
Concrete Valve Vault, Including Steps and Aluminum Hatch	1	\$ 15,000.00	EA	\$ 15,000
Blow-Off Hydrant Assembly	1	\$ 2,300.00	EA	\$ 2,300

SUBTOTAL ESTIMATED CONSTRUCTION COST \$ 1,872,300

Contingencies +/- 10% \$ 187,230

TOTAL ESTIMATED CONSTRUCTION COST \$ 2,059,530

OTHER PROJECT COSTS

Legal	
General	\$ 10,000
ROW/Land Acquisitions	\$ 15,000
Bond Counsel	\$ 10,000
Environmental Report	\$ 7,500
Permits	\$ 5,000
Land Acquisition and Easements	\$ 10,000
Engineering	
Preliminary Engineering Report	\$ 20,000
Preliminary/Final Design	\$ 120,000
Bidding	\$ 5,500
Resident Project Representation	\$ 80,000
Construction Administration	\$ 30,000
Special Services	\$ 20,000
Post Construction Services	\$ 15,000

SUBTOTAL ESTIMATED OTHER PROJECT COSTS \$ 348,000

Contingencies +/- 5% \$ 12,470

TOTAL ESTIMATED OTHER PROJECT COSTS \$ 360,470

TOTAL ESTIMATED PROJECT COSTS \$ 2,420,000

