

**TOWN OF OAKFIELD
WATER DISTRICT NO. 4
PRELIMINARY COST ESTIMATE
February 13, 2012**

Project Area Description:

Fisher Road: Maltby Rd (WD#3) north to #6261 Fisher Rd; Lockport Road: Elba Townline west to #3364 Lockport Rd

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL
1	Mobilization	LS	1	\$ 18,000.00	\$ 18,000.00
2	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements	LS	1	\$ 18,000.00	\$ 18,000.00
3A	Furnish and Install 8-inch Ductile Iron Water Main Complete	LF	18,600	\$ 35.00	\$ 651,000.00
3B	Furnish and Install 12-inch Ductile Iron Water Main Complete	LF	0	\$ 45.00	\$ -
4A	Furnish and Install 8-inch Gate Valves Complete	EA	19	\$ 1,100.00	\$ 20,900.00
4B	Furnish and Install 12-inch Gate Valves Complete	EA	0	\$ 2,000.00	\$ -
5	Furnish and Install Hydrant Assemblies	EA	37	\$ 3,500.00	\$ 130,200.00
6	Furnish and Install Water Services	EA	62	\$ 1,200.00	\$ 74,400.00
7	Connection to Existing Water Mains	EA	1	\$ 2,500.00	\$ 2,500.00
8	Horizontal Bore Crossing w/ 24-inch Steel Casin	LF	0	\$ 300.00	\$ -
9	Rock Excavation	CY	200	\$ 100.00	\$ 20,000.00

Construction Subtotal = \$ 935,000.00

Contingency (10%) = \$ 93,500.00

Legal, Engineering, Administration (25%) = \$ 233,750.00

Total = \$ 1,262,250.00

Total Estimated Capital Cost = \$ 1,263,000.00

Less USDA Grant (Maximum 45% or \$500,000) = (\$500,000.00)

Net Local Project Cost = \$ 763,000.00

Estimated Debt Service at 3.5% for 38yrs = \$ 36,611.00

Number of EDU's = 65.5

Estimated Debt Service/Unit/Year = \$ 559.00

Estimated Yearly Water Cost (\$20/q, \$4.00/1,000 gal, 60,000 gpy) = \$ 320.00

Total Unit Cost = \$ 879.00

Total Estimated Unit Cost = \$ 879.00

Notes:

1. Estimated costs based on contractor installation
2. Vacant Lot EDU = 7 Vacant Lot x 0.5 EDU/Vacant Lot = 3.5 EDU
3. Number of EDU = 62 Residential + 3.5 Vacant Lot = 65.5