

**TOWN OF OAKFIELD
WATER DISTRICT NO. 5
PRELIMINARY COST ESTIMATE
February 13, 2012**

Project Area Description:

Maltby Road: From Fisher Rd (WD#3) east to Elba Town Line, Fisher Road: Maltby Rd (WD#3) south to #7211 Fisher Rd; and Drake Street (NYS Route 262): Fisher Rd (WD#3) east to Elba Town Line

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL
1	Mobilization	LS	1	\$ 13,700.00	\$ 13,700.00
2	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements	LS	1	\$ 13,700.00	\$ 13,700.00
3A	Furnish and Install 8-inch Ductile Iron Water Main Complete	LF	9,960	\$ 35.00	\$ 348,600.00
3B	Furnish and Install 12-inch Ductile Iron Water Main Complete	LF	3,640	\$ 45.00	\$ 163,800.00
4A	Furnish and Install 8-inch Gate Valves Complete	EA	10	\$ 1,100.00	\$ 11,000.00
4B	Furnish and Install 12-inch Gate Valves Complete	EA	4	\$ 2,000.00	\$ 8,000.00
5	Furnish and Install Hydrant Assemblies	EA	27	\$ 3,500.00	\$ 95,200.00
6	Furnish and Install Water Services	EA	29	\$ 1,200.00	\$ 34,800.00
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 = \$ 711,300.00

Contingency (10%) = \$ 71,130.00

Legal, Engineering, Administration (25%) = \$ 177,825.00

Total = \$ 960,255.00

Total Estimated Capital Cost = \$ 961,000.00

Less Maximum 45% USDA Grant = (\$432,450.00)

Net Local Project Cost = \$ 528,550.00

Estimated Debt Service at 3.5% for 38yrs = \$ 25,361.00

Number of EDU's = 30.5

Estimated Debt Service/Unit/Year = \$ 832.00

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

Total Unit Cost = \$ 1,152.00

Total Estimated Unit Cost = \$ 1,152.00

Notes:

1. Estimated costs based on contractor installation
2. Vacant Lot EDU = 3 Vacant Lot x 0.5 EDU/Vacant Lot = 1.5 EDU
3. Number of EDU = 29 Residential + 1.5 Vacant Lot = 30.5