

ENGINEER'S PRELIMINARY OPINION OF PROBABLE COST**MURRAY & SHILOH WATER EXTENSIONS
MOUNT SHERMAN WATER ASSOCIATION
NEWTON COUNTY, ARKANSAS
AUGUST 2008**

Approximate Quantity	Description	Unit Price	Estimated Amount
<u>Murray Water Extension</u>			
8,600 LF	3" PVC Water Main	\$5.00	\$43,000.00
3,100 LF	2" PVC Water Main	\$4.50	\$13,950.00
300 LF	1" HDPE Service Line	\$4.00	\$1,200.00
1 EA	Connect to Existing Water Main	\$1,000.00	\$1,000.00
5 EA	3" Gate Valve	\$500.00	\$2,500.00
2 EA	2" Gate Valve	\$325.00	\$650.00
210 LF	3" Encased Gravel Road Crossing	\$25.00	\$5,250.00
30 LF	2" Encased Gravel Road Crossing	\$25.00	\$750.00
120 LF	1" Encased Gravel Road Crossing	\$10.00	\$1,200.00
125 CY	Rock Excavation	\$40.00	\$5,000.00
10,000 LF	Bedding Material	\$1.00	\$10,000.00
80 LF	Concrete Encasement	\$50.00	\$4,000.00
10 EA	Meter Services	\$375.00	\$3,750.00
3 EA	Blow-off Hydrant	\$550.00	\$1,650.00
2 EA	Pressure Reducing Valve	\$10,000.00	\$20,000.00
1,000 LBS	Ductile Iron Fittings	\$4.00	\$4,000.00
1,000 LF	Yard Restoration	\$1.50	\$1,500.00
Sub-Total Construction Cost			\$119,400.00
<u>Shiloh Water Extension</u>			
2,800 LF	3" PVC Water Main	\$5.00	\$14,000.00
30 LF	1" HDPE Service Line	\$4.00	\$120.00
1 EA	Connect to Existing Water Main	\$1,000.00	\$1,000.00
1 EA	3" Gate Valve	\$500.00	\$500.00
30 LF	3" Encased Gravel Road Crossing	\$25.00	\$750.00
30 LF	1" Encased Gravel Road Crossing	\$10.00	\$300.00
40 CY	Rock Excavation	\$40.00	\$1,600.00
2,500 LF	Bedding Material	\$1.00	\$2,500.00
20 LF	Concrete Encasement	\$50.00	\$1,000.00
1 EA	Meter Services	\$375.00	\$375.00
1 EA	Blow-off Hydrant	\$550.00	\$550.00
100 LBS	Ductile Iron Fittings	\$4.00	\$400.00
150 LF	Yard Restoration	\$1.50	\$225.00
Sub-Total Construction Cost			\$23,320.00
TOTAL ESTIMATED CONSTRUCTION COST			\$142,720.00
Contingency (10%)			\$14,272.00
Basic Engineering (10%)			\$14,272.00
Construction Observation (4.5%)			\$6,422.40
Legal / Administrative			\$2,500.00
PRELIMINARY OPINION OF PROBABLE COST			\$180,186.40