



"Established 1952"
HUNTER H. MARTIN, FOUNDER (1924-1997)

HUNTER MARTIN & ASSOCIATES, INC.

ENGINEERS & SURVEYORS
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**OHIO COUNTY WATER DISTRICT
SERIES III WATER SYSTEM IMPROVEMENTS
PRELIMINARY PROJECT COSTS
(AFTER BIDDING)**

February 28, 2003			
CONSTRUCTION COSTS (LOW BID FOR LABOR & MATERIALS)			
AVERAGE OF \$6.35833 PER LF FOR A TOTAL OF 180,475 LF OF 4", 6", 8" & 10" PIPE			1,147,520.25
TECHNICAL			
Basic Engineering Fee			
Preliminary Basic (10% Of Basic)	7.960%		\$9,134.26
Design Basic (60% Of Basic)	7.960%		\$54,805.57
Bidding/Award (10% Of Basic)	7.960%		\$9,134.26
Construction Basic (20 % Of Basic)	7.960%		\$18,268.52
Inspection	4.252%		\$48,792.56
Extra (Hourly As Needed)			
Surveys		\$ 3,000	
Easements		\$ 2,000	
Permits		\$ 1,000	
Shop Drawings Manual		\$ 500	
Financing Assistance		\$ 7,000	
Psc Rate & Construction Case		\$ 10,500	
Subtotal - Extra			\$24,000.00
TOTAL TECHNICAL			164,135.17
PLANNING & ADMINISTRATIVE			15,000.00
DISTRICT IN-HOUSE EXPENSES:			
Furnish Meter, Boxes, & Valves For Reconnects	124 Estimated	\$ 350.00	\$43,400.00
FINANCING & BOND EXPENSES			245,017.00
LAND, EASEMENTS & PERMITS			9,000.00
LEGAL			15,000.00
CONTINGENCIES			250,927.58
			21.87% OF CONSTRUCTION
TOTAL PROJECT COSTS			1,890,000.00
Approximate Number Of Customers			5,039
Annual Debt Service Average of 5 Years w/ 20% Coverage			\$177,973.20
Surcharge Per Customer Per Month			\$2.94