

CITY OF CROSSVILLE TN  
 MILLER AVENUE PUMP STATION MODIFICATION AND FORCE MAIN REPLACEMENT  
 AND  
 GENESIS RD NORTH PUMP STATION REPLACEMENT

ESTIMATED PROJECT COST

**I. INSTALL NEW 10-INCH HDPE FORCE MAIN FROM MILLER AVE PUMP STATION AND REPLACE GENESIS RD NORTH PUMP STATION**

Description	Approx Qty	Unit	Unit Price	Total Price
Install new 10-inch HDPE Miller Ave. Force Main	7,700.00	L.F.	\$45.00	\$346,500.00
Cut and Cap Existing Line to be Abandoned and Connect to Existing	5.00	EA.	\$1,200.00	\$6,000.00
Bore and Jack 16" Casing Pipe and 8" Carrier	0.00	L.F.	\$180.00	\$0.00
Air Release Valve and Vault	3.00		\$800.00	\$2,400.00
10-inch shut off valve	2.00		\$2,000.00	\$4,000.00
Modify Miller Ave. Pumps for 10-inch Force Main	100,000.00	LS	\$1.00	\$100,000.00
Replace Genesis RD North Sewage Pump Station including wet well, pumps, piping, electrical, control panel, enclosure, and site clean-up, for a complete operating system. Remove existing and install new.	1	LS	\$ 220,000.00	\$ 220,000.00
Contingency	34,100.00	LS	\$1.00	\$34,100.00
<b>Total Construction Estimate</b>				<b>\$713,000.00</b>
Engineering Design				\$58,000
Engineering C.A.				\$12,000
Engineering Resident Observation (Based on \$13,000 per month).				\$65,000
Other Costs not included. Review Fees, Easements, Legal Fees.				
<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$848,000.00</b>

# PROPOSED MILLER AVE FORCE MAIN

## Legend

Proposed Miller FM

Connect to existing force main  
in existing casing pipe.

