



Preliminary Cost Estimate
Old Plantersville 12" Waterline Loop
City of Montgomery
Red Bird Meadows Development

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>ITEM TOTAL</u>
UNIT A: SITE PREPARATION				
1 Move-in and start up including all permits, performance and payment bonds.	1	LS	\$ 20,000	\$ 20,000
SUBTOTAL, UNIT A				\$20,000
UNIT B: WATER DISTRIBUTION SYSTEM				
1 12 - inch (12") PVC Waterline (Open Cut)	5750	LF	\$ 65	\$ 373,750
2 12 - inch (12") PVC Waterline (Trenchless)	150	LF	125	18,750
3 12 - inch (12") PVC Waterline (Trenchless with 20" Steel Casing)	375	LF	300	112,500
4 12 - inch (12") Gate Valve	10	EA	3,000	30,000
5 Fire Hydrant	14	EA	6,000	84,000
6 2" Blow Off Valve and Box	1	EA	2,000	2,000
7 12" Plug and Clamp	1	LS	2,000	2,000
8 12" Wet Connection	2	LS	4,000	8,000
9 Trench Safety System	5750	LF	1	5,750
10 Site Restoration	1	LS	25,000	25,000
11 Traffic Control	1	LS	25,000	25,000
12 Stormwater Pollution Protection	1	LS	\$ 15,000	\$ 15,000
SUBTOTAL, UNIT B				\$ 702,000
Subtotal				\$ 722,000
Contingency (10%)				\$ 72,200
Preliminary & Design Phase Services				\$ 60,000
Construction Administration				\$ 20,000
Field Project Representation ⁽³⁾				\$ 25,000
Additional Services & Reimbursable Expenses				\$ 70,000
Easement Acquisition				\$ 10,000
TOTAL COST				\$ 979,200

Notes:

(1) All values rounded up to the nearest thousand.

(2) This estimate is based on my best judgement as a design professional familiar with the construction industry. We cannot and do not guarantee that bids will not vary from this cost estimate.

(3) This includes topographic survey, construction staking, geotechnical investigation, construction materials testing, review fees, reproduction, advertising expenses, coordination and fees associated with BNSF railroad crossing and other miscellaneous reimbursable costs.