

ENGINEER'S ESTIMATE
City of Mission Re-Use Water Line Project

Item	Description	Quantity	Unit	Unit Price	Item Total
1	16" PVC C900 DR18 (Purple Pipe)	3,380	LF	\$120.00	\$405,600.00
2	12" PVC C900 DR 18 (Purple Pipe)	24,200	LF	\$95.00	\$2,299,000.00
3	6" PVC C900 DR 18 (Purple Pipe)	356	LF	\$30.00	\$10,680.00
4	16" 90 Degree Elbow	2	EA	\$2,500.00	\$5,000.00
5	16"x12" Reducer	2	EA	\$1,800.00	\$3,600.00
6	12"x6" Reducer	2	EA	\$1,500.00	\$3,000.00
7	12" Gate Valve & Box	2	EA	\$3,500.00	\$7,000.00
8	16" Tee	2	EA	\$1,200.00	\$2,400.00
9	12" 90 Degree Elbow	7	EA	\$1,800.00	\$12,600.00
10	12" 45 Degree Elbow	26	EA	\$1,800.00	\$46,800.00
11	12" 22-1/2 Degree Elbow	9	EA	\$1,500.00	\$13,500.00
12	12" 11-1/4 Degree Elbow	14	EA	\$1,500.00	\$21,000.00
13	6" Gate valve w/box	4	EA	\$2,500.00	\$10,000.00
14	6" High Performance Turbine Meter	2	EA	\$20,000.00	\$40,000.00
15	6" Dresser Coupling	2	EA	\$1,500.00	\$3,000.00
16	20"x3/8" Steel Casing	580	LF	\$325.00	\$188,500.00
17	20"x7/16" Steel Casing	945	LF	\$275.00	\$259,875.00
18	20" PVC SDR-26 Casing	35	LF	\$275.00	\$9,625.00
19	12" PVC SDR-26 Casing	40	LF	\$150.00	\$6,000.00
20	48" Dia. Fiberglass Manhole (Open Bottom)	2	EA	\$4,500.00	\$9,000.00
21	Aerial Crossing Line 2 (Sta. 14+50)	1	LS	\$100,000.00	\$100,000.00
22	Aerial Crossing Line 2 (Sta. 74+50)	1	LS	\$100,000.00	\$100,000.00
23	Valve markers	2	EA	\$120.00	\$240.00
SUBTOTAL CONSTRUCTION COST					\$3,556,420.00
CONSTRUCTION COST CONTINGENCY (15%)					\$240,850.00
TOTAL ESTIMATED CONSTRUCTION COST					\$3,797,270.00