

**Cost Estimates**

**Phase 1 – Waterline Reconstruction – Havana Plant to Sullivan City, TX**

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Unit Total
1	12" PVC	17,025	LF	\$22.00	\$374,550
2	12" 90 degree bend	1	EA	\$750.00	\$ 750
3	6 " Flush Valves	10	EA	\$1,250.00	\$ 12,500
4	Tie-In to existing waterline	2	EA	\$2,500.00	\$ 5,000
5	12" Valve and Box	12	EA	\$2,500.00	\$ 30,000

Subtotal       \$ 422,800  
 15% Contingency   \$ 63,420  
  
**Total           \$ 486,220**

Engineering and Topography Fee - \$42,280 ( to be paid by LJWSC)

**Phase 2 – 500,000 gallon Elevated Water Storage Facility**

Item No.	Item Description	Units	Quantity	Unit Price	Cost
1	Tie-in to waterline	EA	1	\$5,000	\$ 5,000
2	Elevated storage tank/booster pump	GAL	500,000	\$1.50	\$750,000
3	12" Gate Valve & Box	EA	4	\$ 3,500	\$ 14,000
4	24" Bored Steel Casing	LF	78	\$175	\$ 13,650
5	12" Fittings	EA	15	\$1,250	\$ 18,750
6	10" Altitude Valve	EA	1	\$10,000	\$ 10,000
7	12" Ductile Iron Piping	LF	200	\$50	\$ 10,000
8	8 ft. Chain Link Fence	LF	600	\$15	\$ 9,000
9	8 ft. Car Gate Chain Link Fence	LS	1	\$1,000	\$ 1,000
10	16 ft. Caliche Roadway	LF	225	\$18	\$ 4,050
11	32 ft. 18" RCP w/SET	LS	1	\$4,000	\$ 4,000

Construction Cost Subtotal: \$839,450  
 Contingency (10%):       \$ 83,945  
 Project Management (3%): \$ 25,183  
 Surveying (2%):         \$ 16,789  
 Site Observation (2%):   \$ 16,789  
  
**Total                   \$928,156**

**UCP 108 loan commitment: Up to \$ 613,780**

**LJWSC commitment:       \$314,376 or as necessary to complete project**