

**Apex Water System - Hollywood Boulevard to Apex Central
Preliminary Cost Estimate**

Item	Quantity	Units	Unit Price	Total
Mobilization	1	LS	\$ 500,000.00	\$500,000
24" DIP or / MLCS Waterline	8,200	LF	\$ 280.00	\$2,296,000
36" DIP or / MLCS Waterlines	51,400	LF	\$ 420.00	\$21,588,000
24" Valves / Vaults	4	EA	\$ 65,000.00	\$260,000
36" Valves / Vaults	12	EA	\$ 70,000.00	\$840,000
PRV & Vaults	6	EA	\$ 32,000.00	\$192,000
Air VAC	6	EA	\$ 7,500.00	\$45,000
Blow Off Valves	20	EA	\$ 8,500.00	\$170,000
Cathodic Protection	59,600	LF	\$ 11.00	\$655,600
2.5 MG Water Reservoir	2	EA	\$ 3,750,000.00	\$7,500,000
Pumping Station	3	EA	\$ 2,000,000.00	\$6,000,000
Chlorination / Reservoir	2	EA	\$ 150,000.00	\$300,000
Telemetry / Controls	3	EA	\$ 150,000.00	\$450,000
Caliche Allowance	1	LS	\$ 3,000,000.00	\$3,000,000
Boring / Encasement	1	LS	\$ 3,000,000.00	\$3,000,000
Incidentals	1	LS	\$ 750,000.00	\$750,000
Asphalt Paving (3" SR604)	12,000	Tons	\$ 100.00	\$1,200,000
Standby Power Generator	3	EA	\$ 500,000.00	\$1,500,000
Interconnect CNLV Water to SNWA Water	1	EA	\$ 2,250,000.00	\$2,250,000
SUBTOTAL				\$52,496,600
Contingencies (10%)				5,249,660
SUBTOTAL CONSTRUCTION				\$57,746,260
Studies / Reports				\$75,000
Topographic & Control Survey				\$298,500
Geotechnical				\$280,500
Engineering Design				\$3,897,873
Construction Management				\$2,887,313
SUBTOTAL ENGINEER & OTHER				\$7,439,186
TOTAL COST				\$65,185,446
Electrical				\$12,228,000
TOTAL COST with Electrical				\$77,413,446

6/15/2016

03/31/2016