

**GREEN VALLEY SPECIAL UTILITY DISTRICT
KLEIN ROAD WATER LINE PHASE 2
PRELIMINARY COST ESTIMATE**

Exhibit A

BASE BID TOTAL ESTIMATED QUANTITIES					
ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
1	BONDING, MOBILIZATION, AND INSURANCE (FOR 16-INCH MAIN)	LS	1	\$ 166,128.60	\$ 166,128.60
2	ENVIRONMENTAL PROTECTION/ STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1	\$ 10,000.00	\$ 10,000.00
3	SITE PREPARATION	LS	1	\$ 16,500.00	\$ 16,500.00
4	BARRICADES, SIGNS, AND TRAFFIC HANDLING	LS	1	\$ 9,600.00	\$ 9,600.00
5	TRENCH AND EXCAVATION SAFETY PROTECTION	LF	5,630	\$ 1.00	\$ 5,630.00
6	PRESSURE TEST WATER TRANSMISSION MAIN	LS	1	\$ 6,100.00	\$ 6,100.00
7	DISINFECT WATER TRANSMISSION MAIN	LS	1	\$ 5,200.00	\$ 5,200.00
8	16-INCH DR18 C900 PVC PIPE	LF	4,422	\$ 98.00	\$ 433,356.00
9	12-INCH PC235 C909 PVC PIPE	LF	1,338	\$ 64.00	\$ 85,632.00
10	30-INCH PVC CASING BY OPEN CUT	LF	274	\$ 200.00	\$ 54,800.00
11	30-INCH STEEL CASING BY BORE	LF	60	\$ 430.00	\$ 25,800.00
12	24-INCH STEEL CASING BY BORE	LF	70	\$ 330.00	\$ 23,100.00
13	16-INCH GATE VALVE	EA	20	\$ 8,700.00	\$ 174,000.00
14	12-INCH GATE VALVE	EA	4	\$ 2,800.00	\$ 11,200.00
15	8-INCH GATE VALVE	EA	1	\$ 2,300.00	\$ 2,300.00
16	4-INCH GATE VALVE	EA	1	\$ 1,500.00	\$ 1,500.00
17	FIRE HYDRANT ASSEMBLY	EA	8	\$ 5,800.00	\$ 46,400.00
18	DUCTILE IRON FITTINGS	TON	0.65	\$ 21,000.00	\$ 13,650.00
19	1-INCH LONG SERVICE RELOCATION	EA	2	\$ 3,500.00	\$ 7,000.00
20	1-INCH SHORT SERVICE RELOCATION	EA	8	\$ 1,900.00	\$ 15,200.00
21	CONNECT TO EXISTING 16-INCH WATER LINE	EA	3	\$ 4,700.00	\$ 14,100.00
22	CONNECT TO EXISTING 12-INCH WATER LINE	EA	3	\$ 4,100.00	\$ 12,300.00
23	CONNECT TO EXISTING 8-INCH WATER LINE	EA	1	\$ 3,100.00	\$ 3,100.00
24	CONNECT TO EXISTING 4-INCH WATER LINE	EA	1	\$ 2,300.00	\$ 2,300.00
25	REPAIR ASPHALT PAVEMENT	SY	117	\$ 73.00	\$ 8,541.00
26	REPAIR ASPHALT DRIVEWAY	SY	140	\$ 73.00	\$ 10,220.00
27	REPAIR GRAVEL DRIVEWAY	SY	33	\$ 26.00	\$ 858.00
28	REPAIR CONCRETE SIDEWALK	SY	532	\$ 87.00	\$ 46,284.00
29	REPAIR WIRE FENCE	LF	186	\$ 17.00	\$ 3,162.00
30	REPAIR CONCRETE FENCE	LF	990	\$ 50.00	\$ 49,500.00
31	REPAIR METAL FENCE	LF	22	\$ 50.00	\$ 1,100.00
32	REPAIR WOOD FENCE	LF	15	\$ 37.00	\$ 555.00
33	REVEGETATION	AC	1.94	\$ 4,400.00	\$ 8,536.00

TOTAL CONSTRUCTION ITEMS		\$ 1,273,652.60
CONTINGENCY	20%	\$ 254,730.52
TOTAL CONSTRUCTION COSTS		\$ 1,528,383.12

ADD ALTERNATE TOTAL ESTIMATED QUANTITIES					
A-1	DEDUCT BID ITEM NO. 1 - BONDING, MOBILIZATION, AND INSURANCE (FOR 16-INCH MAIN) (1 LS)	LS	1	\$ (166,128.60)	\$ (166,128.60)
A-2	ADD BONDING, MOBILIZATION, AND INSURANCE (FOR 12-INCH MAIN)	LS	1	\$ 110,280.60	\$ 110,280.60
A-3	DEDUCT BID ITEM NO. 8 - 16-INCH C900 DR18 PVC PIPE (4,422 LF)	LS	1	\$ (433,356.00)	\$ (433,356.00)
A-4	ADD 12-INCH PC235 C909 PVC PIPE	LF	4,422	\$ 64.00	\$ 283,008.00
A-5	DEDUCT BID ITEM NO. 10 - 30-INCH PVC CASING BY OPEN CUT (274 LF)	LS	1	\$ (54,800.00)	\$ (54,800.00)
A-6	ADD 24-INCH PVC CASING BY OPEN CUT	LF	274	\$ 170.00	\$ 46,580.00
A-7	DEDUCT BID ITEM NO. 11 - 30-INCH STEEL CASING BY BORE (60 LF)	LS	1	\$ (25,800.00)	\$ (25,800.00)
A-8	ADD 24-INCH STEEL CASING BY BORE	LF	60	\$ 330.00	\$ 19,800.00
A-9	DEDUCT BID ITEM NO. 13 - 16-INCH GATE VALVE (20 EA)	LS	1	\$ (174,000.00)	\$ (174,000.00)
A-10	ADD 16-INCH GATE VALVE	EA	4	\$ 8,700.00	\$ 34,800.00
A-11	DEDUCT BID ITEM NO. 14 - 12-INCH GATE VALVE (4 EA)	LS	1	\$ (11,200.00)	\$ (11,200.00)
A-12	ADD 12-INCH GATE VALVE	EA	20	\$ 2,800.00	\$ 56,000.00
A-13	DEDUCT BID ITEM NO. 16 - DUCTILE IRON FITTINGS (0.65 TON)	LS	1	\$ (13,650.00)	\$ (13,650.00)
A-14	ADD DUCTILE IRON FITTINGS	TON	0.43	\$ 21,000.00	\$ 9,030.00

TOTAL BASE BID + A-1 THROUGH A-14		\$ 954,216.60
CONTINGENCY	20%	\$ 190,843.32
TOTAL COSTS (BASE BID + A-1 THROUGH A-14 + CONTINGENCY)		\$ 1,145,059.92