

London Avenue And Austin Road Metering Facilities Project

Engineers Estimate \$350,000
October 18, 2012

CONCO WEST - Manteca, CA

BASE BID

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
	General				
1	Mobilization & Demobilization	1	LS	\$17,000.00	\$17,000.00
2	Pot hole to verify all necessary existing utilities and other needed for all construction	1	LS	\$1,500.00	\$1,500.00
3	Construction Signs	1	LS	\$1,500.00	\$1,500.00
4	Traffic Control	1	LS	\$10,000.00	\$10,000.00
5	Pressure test and disinfect all water pipes	1	LS	\$1,000.00	\$1,000.00
6	Provide spare programmable logic controller and software (PLC)	1	EA	\$7,800.00	\$7,800.00
7	Program PLCs and OIDs for a complete and functional system	1	LS	\$20,500.00	\$20,500.00
	London Avenue Site				
8	Saw-Cut AC at London Ave	90	LF	\$8.00	\$720.00
9	Trench Patch (4"AC/12"AB)	150	SF	\$12.00	\$1,800.00
10	Cut and cap exiting water main and abandon in-place	1	LS	\$1,000.00	\$1,000.00
11	Provide and install 10-Inch PVC DR-18 Water Line, includes all fittings, thrust blocks, pipe restraints and trench backfill	36	LF	\$150.00	\$5,400.00
12	Provide and install 12-Inch PVC DR-18 Water Line, includes all fittings, thrust blocks, pipe restraints and trench backfill	100	LF	\$140.00	\$14,000.00
13	Provide and Install 12-inch Single Check Valve on 12-inch Main	1	EA	\$3,700.00	\$3,700.00
14	Provide and Install 10-inch Flow Meter on 12-inch water main	1	EA	\$8,000.00	\$8,000.00
15	Install owner-furnished butterfly valves and pre-mounted REXA actuators	1	EA	\$750.00	\$750.00
16	Saw-Cut, Remove & Replace existing sidewalk for utility vaults and water pipe	1	LS	\$8,000.00	\$8,000.00
17	Provide and Install DIP piping and fittings inside vaults, including pipe supports, fittings, reducers and tees	1	LS	\$33,000.00	\$33,000.00
18	Construct two 4'x8' concrete slabs w/ AB for control cabinet enclosures	32	SF	\$28.00	\$896.00
19	Provide & install a precast or cast-in-place 7'x6'x5' concrete vault w/ AB & vault covers	1	EA	\$13,500.00	\$13,500.00
20	Provide & install a precast or cast-in-place 6'x6'x6' concrete vault w/ AB & vault covers	1	EA	\$13,000.00	\$13,000.00
21	Provide & Install mast poles and brackets for mounting radio/antenna device and security camera	1	LS	\$1,200.00	\$1,200.00
22	Remove and Replace all brick pavers and AB that was disturbed during 12-inch water main construction	20	SF	\$120.00	\$2,400.00
23	Remove and Replace in kind all disturbed landscaping within project limits	1	LS	\$2,000.00	\$2,000.00
24	Provide and Install Control Cabinet Enclosures	1	EA	\$32,000.00	\$32,000.00
25	Provide and Install Programmable Logic Controllers and software (PLC)	1	EA	\$3,300.00	\$3,300.00
26	Provide and Install Operator Interface Devices (OID)	1	EA	\$1,000.00	\$1,000.00
27	Provide and Install security cameras with pole mount adapters	1	EA	\$1,000.00	\$1,000.00
28	Provide & Install 1-inch electrical conduits, schedule-80 PVC	160	LF	\$78.00	\$12,480.00
29	Provide & Install 3/4"-inch electrical conduits, schedule-80 PVC	100	LF	\$65.00	\$6,500.00
30	Provide and Install Radio/Antenna devices w/ Ethernet cable	1	EA	\$2,100.00	\$2,100.00

Austin Road Site					
31	Provide and Install 24-inch Single Check Valve on 24-inch main	1	EA	\$15,000.00	\$15,000.00
32	Provide and Install 18-inch Flow Meter on 24-inch water main	1	EA	\$17,000.00	\$17,000.00
33	Provide and Install Enclosure for PG&E Meter and Transformer	1	EA	\$7,000.00	\$7,000.00
34	Provide & install a precast or cast-in-place 12'x6'x6.5' concrete vault, w/ AB and vault covers	1	EA	\$29,000.00	\$29,000.00
35	Provide & install a precast or cast-in-place 6'x6'x6.5' concrete vault w/ AB and vault covers	1	EA	\$13,000.00	\$13,000.00
36	Provide and install 18-Inch PVC DR-18 Water Line, includes all fittings, thrust blocks, pipe restraints and trench backfill	20	LF	\$250.00	\$5,000.00
37	Install owner-furnished butterfly valves and pre-mounted REXA actuators	1	EA	\$750.00	\$750.00
38	Provide and Install DIP piping and fittings inside vaults, including pipe supports, fittings, reducers and tees	1	LS	\$42,000.00	\$42,000.00
39	Construct two 4'x8' concrete slabs w/ AB for control cabinet enclosures	32	SF	\$28.00	\$896.00
40	Provide and Install Control Cabinet Enclosures	1	EA	\$32,000.00	\$32,000.00
41	Provide and Install Programmable Logic Controllers and software (PLC)	1	EA	\$3,300.00	\$3,300.00
42	Provide and Install Operator Interface Devices (OID)	1	EA	\$1,000.00	\$1,000.00
43	Provide and Install security cameras with pole mount adapters	1	EA	\$1,000.00	\$1,000.00
44	Provide & Install a self-supporting communication tower and foundation	1	LS	\$11,000.00	\$11,000.00
45	Provide and Install chain link fence and access gate	91	LF	\$52.00	\$4,732.00
46	Provide & Install 1-inch electrical conduits, schedule-80 PVC	190	LF	\$75.00	\$14,250.00
47	Provide and place crushed rock	2,700	SF	\$1.00	\$2,700.00
48	Provide and Install wood utility Pole for new PG&E power drop	1	EA	\$2,200.00	\$2,200.00
49	Provide and Install Radio/Antenna devices w/ Ethernet cable	1	EA	\$2,100.00	\$2,100.00
M2 Tank Site					
50	Saw-Cut AC at M2 Tank site	20	LF	\$40.00	\$800.00
51	Trench Patch (4"AC/12"AB)	50	SF	\$27.00	\$1,350.00
52	Provide and install 12-Inch PVC DR-18 Water Line, includes all fittings, thrust blocks, pipe restraints and trench backfill	55	LF	\$130.00	\$7,150.00
53	Provide and Install 12-inch Butterfly Valve	2	EA	\$3,000.00	\$6,000.00
54	Provide and Install 12-inch pressure sustaining valve	1	EA	\$13,000.00	\$13,000.00
55	Construct 3'x3' concrete slabs w/ AB for pressure sustaining valve system	9	SF	\$50.00	\$450.00
56	Provide and Install DIP piping and fittings, including pipe supports, reducers, crosses and tees for pressure sustaining valve system	1	LS	\$14,000.00	\$14,000.00
57	Provide and Install 18-inch butterfly valve and tee on 18-inch Main	1	LS	\$5,500.00	\$5,500.00
M2A Tower Site					
58	Provide and Install Radio/Antenna devices w/ Ethernet cable	2	EA	\$2,100.00	\$4,200.00
TOTAL BASE BID					\$483,424.00