

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Mozingo Construction, Inc. Oakdale

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$10,000.00	\$10,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$2,500.00	\$2,500.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$5,000.00	\$5,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$10,000.00	\$10,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$15,000.00	\$15,000.00
6	Construction Signs	1	LS	\$5,000.00	\$5,000.00
7	Traffic Control	1	LS	\$84,650.00	\$84,650.00
8	Saw-Cut AC	5,000	LF	\$1.00	\$5,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$6.00	\$84,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$850.00	\$2,550.00
11	Remove and discard existing utility pole	4	EA	\$250.00	\$1,000.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$5,000.00	\$5,000.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$13,000.00	\$13,000.00
14	Remove and reinstall existing fence	150	LF	\$20.00	\$3,000.00
15	Restore existing AC Driveway	10	EA	\$1,800.00	\$18,000.00
16	Restore existing Concrete Driveway	2	EA	\$3,000.00	\$6,000.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$1.50	\$6,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$3,000.00	\$6,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$4,000.00	\$4,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$1,850.00	\$1,850.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,000.00	\$6,000.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$4,500.00	\$54,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$9,500.00	\$9,500.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,500.00	\$21,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$2,500.00	\$2,500.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$16,000.00	\$16,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,000.00	\$15,000.00
29	Pressure test and disinfect water main	1	LS	\$20,000.00	\$20,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$11,000.00	\$11,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$12,000.00	\$12,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$30.00	\$7,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$47.00	\$82,720.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$96.00	\$1,121,280.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$155.00	\$139,500.00
37	Provide and install a 1½" water service	60	LF	\$60.00	\$3,600.00
38	Provide and install a 10" fire service	60	LF	\$75.00	\$4,500.00
39	Remove and replace existing Fire Hydrants	3	EA	\$850.00	\$2,550.00
40	Slurry seal entire width of street	4,980	SY	\$10.00	\$49,800.00
41	Pavement striping and markers	1	LS	\$10,000.00	\$10,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$50,000.00	\$50,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$25,000.00	\$25,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$25,000.00	\$25,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$375.00	\$99,375.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$525.00	\$139,125.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$1,500.00	\$4,500.00
48	Christy G5 box and grade ring for water bends	3	EA	\$850.00	\$2,550.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,000.00	\$3,000.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$5,000.00	\$5,000.00
51	Remove & Relocate existing ARV	1	EA	\$500.00	\$500.00
52	Temporary 6" AB Class II shoulder	18	CY	\$75.00	\$1,350.00
53	Remove & dispose of existing concrete pads	1	LS	\$850.00	\$850.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$2,500.00	\$2,500.00

TOTAL BASE BID: \$2,234,750.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Mountain Cascade Inc. Livermore

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$59,000.00	\$59,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$1,000.00	\$1,000.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$4,000.00	\$4,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$10,000.00	\$10,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$10,000.00	\$10,000.00
6	Construction Signs	1	LS	\$15,000.00	\$15,000.00
7	Traffic Control	1	LS	\$10,000.00	\$10,000.00
8	Saw-Cut AC	5,000	LF	\$1.00	\$5,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$5.00	\$70,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,000.00	\$3,000.00
11	Remove and discard existing utility pole	4	EA	\$1,000.00	\$4,000.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,100.00	\$1,100.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$20,000.00	\$20,000.00
14	Remove and reinstall existing fence	150	LF	\$25.00	\$3,750.00
15	Restore existing AC Driveway	10	EA	\$1,000.00	\$10,000.00
16	Restore existing Concrete Driveway	2	EA	\$1,500.00	\$3,000.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$6.00	\$24,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$7,500.00	\$15,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$7,500.00	\$7,500.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,000.00	\$2,000.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,200.00	\$6,600.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,500.00	\$66,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$11,000.00	\$11,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$2,800.00	\$16,800.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$4,200.00	\$4,200.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$9,000.00	\$9,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$4,000.00	\$12,000.00
29	Pressure test and disinfect water main	1	LS	\$10,000.00	\$10,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$5,000.00	\$5,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$8,000.00	\$8,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$50.00	\$12,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$75.00	\$132,000.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$95.00	\$1,109,600.00
36	□ PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$200.00	\$180,000.00
37	Provide and install a 1½" water service	60	LF	\$50.00	\$3,000.00
38	Provide and install a 10" fire service	60	LF	\$125.00	\$7,500.00
39	Remove and replace existing Fire Hydrants	3	EA	\$1,800.00	\$5,400.00
40	Slurry seal entire width of street	4,980	SY	\$5.00	\$24,900.00
41	Pavement striping and markers	1	LS	\$10,000.00	\$10,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$25,000.00	\$25,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$20,000.00	\$20,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$20,000.00	\$20,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$425.00	\$112,625.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$500.00	\$132,500.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$1,800.00	\$5,400.00
48	Christy G5 box and grade ring for water bends	3	EA	\$500.00	\$1,500.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$4,000.00	\$4,000.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$4,500.00	\$4,500.00
51	Remove & Relocate existing ARV	1	EA	\$2,000.00	\$2,000.00
52	Temporary 6" AB Class II shoulder	18	CY	\$100.00	\$1,800.00
53	Remove & dispose of existing concrete pads	1	LS	\$750.00	\$750.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$5,000.00	\$5,000.00

TOTAL BASE BID: \$2,245,925.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Knife River Construction, Stockton

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$87,000.00	\$87,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$1,200.00	\$1,200.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$3,800.00	\$3,800.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$15,000.00	\$15,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$20,000.00	\$20,000.00
6	Construction Signs	1	LS	\$8,000.00	\$8,000.00
7	Traffic Control	1	LS	\$60,000.00	\$60,000.00
8	Saw-Cut AC	5,000	LF	\$2.40	\$12,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$5.50	\$77,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,600.00	\$4,800.00
11	Remove and discard existing utility pole	4	EA	\$275.00	\$1,100.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,075.00	\$1,075.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$18,500.00	\$18,500.00
14	Remove and reinstall existing fence	150	LF	\$26.00	\$3,900.00
15	Restore existing AC Driveway	10	EA	\$1,000.00	\$10,000.00
16	Restore existing Concrete Driveway	2	EA	\$1,150.00	\$2,300.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$1.30	\$5,200.00
18	Connect to Existing 12" Water Stub	2	EA	\$5,400.00	\$10,800.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$1,500.00	\$1,500.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$1,800.00	\$1,800.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$1,900.00	\$5,700.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$4,800.00	\$57,600.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$10,100.00	\$10,100.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,400.00	\$20,400.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$4,300.00	\$4,300.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$10,400.00	\$10,400.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$3,900.00	\$11,700.00
29	Pressure test and disinfect water main	1	LS	\$22,000.00	\$22,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$9,000.00	\$9,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$4,600.00	\$4,600.00
32	Remove and Replace existing 12-inch water main	250	LF	\$39.00	\$9,750.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$64.00	\$112,640.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$90.30	\$1,054,704.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$175.00	\$157,500.00
37	Provide and install a 1½" water service	60	LF	\$36.00	\$2,160.00
38	Provide and install a 10" fire service	60	LF	\$39.00	\$2,340.00
39	Remove and replace existing Fire Hydrants	3	EA	\$1,850.00	\$5,550.00
40	Slurry seal entire width of street	4,980	SY	\$4.25	\$21,165.00
41	Pavement striping and markers	1	LS	\$18,500.00	\$18,500.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$58,000.00	\$58,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$30,000.00	\$30,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$30,000.00	\$30,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$335.00	\$88,775.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$470.00	\$124,550.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$4,400.00	\$13,200.00
48	Christy G5 box and grade ring for water bends	3	EA	\$430.00	\$1,290.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,300.00	\$3,300.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$4,300.00	\$4,300.00
51	Remove & Relocate existing ARV	1	EA	\$1,700.00	\$1,700.00
52	Temporary 6" AB Class II shoulder	18	CY	\$113.00	\$2,034.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,800.00	\$2,800.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,700.00	\$3,700.00

TOTAL BASE BID: \$2,248,733.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Rolfe Construction, Atwater

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$20,000.00	\$20,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$6,000.00	\$6,000.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$10,000.00	\$10,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$8,000.00	\$8,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$1,600.00	\$1,600.00
6	Construction Signs	1	LS	\$7,000.00	\$7,000.00
7	Traffic Control	1	LS	\$20,000.00	\$20,000.00
8	Saw-Cut AC	5,000	LF	\$1.00	\$5,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$10.00	\$140,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$640.00	\$1,920.00
11	Remove and discard existing utility pole	4	EA	\$360.00	\$1,440.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$640.00	\$640.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$10,000.00	\$10,000.00
14	Remove and reinstall existing fence	150	LF	\$29.00	\$4,350.00
15	Restore existing AC Driveway	10	EA	\$1,600.00	\$16,000.00
16	Restore existing Concrete Driveway	2	EA	\$3,000.00	\$6,000.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$10.00	\$40,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$700.00	\$1,400.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$1,400.00	\$1,400.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$3,000.00	\$3,000.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,000.00	\$6,000.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$6,000.00	\$72,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$7,000.00	\$7,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,000.00	\$18,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$6,800.00	\$6,800.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$15,000.00	\$15,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,000.00	\$15,000.00
29	Pressure test and disinfect water main	1	LS	\$8,000.00	\$8,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$8,000.00	\$8,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$14,000.00	\$14,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$50.00	\$12,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$39.00	\$68,640.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$100.00	\$1,168,000.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$164.00	\$147,600.00
37	Provide and install a 1½" water service	60	LF	\$68.00	\$4,080.00
38	Provide and install a 10" fire service	60	LF	\$105.00	\$6,300.00
39	Remove and replace existing Fire Hydrants	3	EA	\$5,600.00	\$16,800.00
40	Slurry seal entire width of street	4,980	SY	\$5.00	\$24,900.00
41	Pavement striping and markers	1	LS	\$5,000.00	\$5,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$11,400.00	\$11,400.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$12,800.00	\$12,800.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$28,000.00	\$28,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$420.00	\$111,300.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$580.00	\$153,700.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$1,000.00	\$3,000.00
48	Christy G5 box and grade ring for water bends	3	EA	\$74.00	\$222.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$5,000.00	\$5,000.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$4,200.00	\$4,200.00
51	Remove & Relocate existing ARV	1	EA	\$1,000.00	\$1,000.00
52	Temporary 6" AB Class II shoulder	18	CY	\$60.00	\$1,080.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,000.00	\$2,000.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,500.00	\$3,500.00

TOTAL BASE BID: \$2,264,572.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Sierra Mountain Construction Inc. San Francisco

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$80,000.00	\$80,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$500.00	\$500.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$3,500.00	\$3,500.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$15,000.00	\$15,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$20,000.00	\$20,000.00
6	Construction Signs	1	LS	\$3,500.00	\$3,500.00
7	Traffic Control	1	LS	\$50,000.00	\$50,000.00
8	Saw-Cut AC	5,000	LF	\$0.90	\$4,500.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$4.50	\$63,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$500.00	\$1,500.00
11	Remove and discard existing utility pole	4	EA	\$1,000.00	\$4,000.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,250.00	\$1,250.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$18,000.00	\$18,000.00
14	Remove and reinstall existing fence	150	LF	\$12.00	\$1,800.00
15	Restore existing AC Driveway	10	EA	\$400.00	\$4,000.00
16	Restore existing Concrete Driveway	2	EA	\$1,300.00	\$2,600.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$3.00	\$12,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$4,000.00	\$8,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$3,000.00	\$3,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,150.00	\$2,150.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,250.00	\$6,750.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,250.00	\$63,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$10,750.00	\$10,750.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,500.00	\$21,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$6,000.00	\$6,000.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$9,000.00	\$9,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$3,500.00	\$10,500.00
29	Pressure test and disinfect water main	1	LS	\$7,500.00	\$7,500.00
30	Provide interim water line connection to 12" water main	1	LS	\$6,500.00	\$6,500.00
31	Provide interim water line connection to 24" water main	1	LF	\$10,000.00	\$10,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$80.00	\$20,000.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$68.00	\$119,680.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$97.00	\$1,132,960.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$194.00	\$174,600.00
37	Provide and install a 1½" water service	60	LF	\$30.00	\$1,800.00
38	Provide and install a 10" fire service	60	LF	\$60.00	\$3,600.00
39	Remove and replace existing Fire Hydrants	3	EA	\$2,500.00	\$7,500.00
40	Slurry seal entire width of street	4,980	SY	\$4.50	\$22,410.00
41	Pavement striping and markers	1	LS	\$18,000.00	\$18,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$35,000.00	\$35,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$20,000.00	\$20,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$22,000.00	\$22,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$370.00	\$98,050.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$505.00	\$133,825.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$3,500.00	\$10,500.00
48	Christy G5 box and grade ring for water bends	3	EA	\$350.00	\$1,050.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,750.00	\$3,750.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$2,500.00	\$2,500.00
51	Remove & Relocate existing ARV	1	EA	\$1,500.00	\$1,500.00
52	Temporary 6" AB Class II shoulder	18	CY	\$80.00	\$1,440.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,000.00	\$2,000.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,500.00	\$3,500.00

TOTAL BASE BID: \$2,284,965.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Teichert Construction, Stockton

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$17,000.00	\$17,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$500.00	\$500.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$4,500.00	\$4,500.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$2,500.00	\$2,500.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$10,000.00	\$10,000.00
6	Construction Signs	1	LS	\$6,000.00	\$6,000.00
7	Traffic Control	1	LS	\$30,000.00	\$30,000.00
8	Saw-Cut AC	5,000	LF	\$1.25	\$6,250.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$3.50	\$49,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,000.00	\$3,000.00
11	Remove and discard existing utility pole	4	EA	\$1,100.00	\$4,400.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,200.00	\$1,200.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$20,000.00	\$20,000.00
14	Remove and reinstall existing fence	150	LF	\$25.00	\$3,750.00
15	Restore existing AC Driveway	10	EA	\$800.00	\$8,000.00
16	Restore existing Concrete Driveway	2	EA	\$1,800.00	\$3,600.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$3.50	\$14,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$5,000.00	\$10,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$7,500.00	\$7,500.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$1,900.00	\$1,900.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,000.00	\$6,000.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,500.00	\$66,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$11,000.00	\$11,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,000.00	\$18,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$4,900.00	\$4,900.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$8,500.00	\$8,500.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$4,500.00	\$13,500.00
29	Pressure test and disinfect water main	1	LS	\$20,000.00	\$20,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$4,000.00	\$4,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$7,000.00	\$7,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$45.00	\$11,250.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$65.00	\$114,400.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$98.50	\$1,150,480.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$199.00	\$179,100.00
37	Provide and install a 1½" water service	60	LF	\$18.00	\$1,080.00
38	Provide and install a 10" fire service	60	LF	\$37.00	\$2,220.00
39	Remove and replace existing Fire Hydrants	3	EA	\$1,700.00	\$5,100.00
40	Slurry seal entire width of street	4,980	SY	\$3.50	\$17,430.00
41	Pavement striping and markers	1	LS	\$18,000.00	\$18,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$45,000.00	\$45,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$45,000.00	\$45,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$45,000.00	\$45,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$662.00	\$175,430.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$459.00	\$121,635.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$2,400.00	\$7,200.00
48	Christy G5 box and grade ring for water bends	3	EA	\$350.00	\$1,050.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,500.00	\$3,500.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$12,000.00	\$12,000.00
51	Remove & Relocate existing ARV	1	EA	\$1,900.00	\$1,900.00
52	Temporary 6" AB Class II shoulder	18	CY	\$42.00	\$756.00
53	Remove & dispose of existing concrete pads	1	LS	\$900.00	\$900.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$2,100.00	\$2,100.00

TOTAL BASE BID: \$2,322,531.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Herback General Engineering, Minden, Nevada

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$90,530.00	\$90,530.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$420.00	\$420.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$2,960.00	\$2,960.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$13,660.00	\$13,660.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$8,230.00	\$8,230.00
6	Construction Signs	1	LS	\$4,060.00	\$4,060.00
7	Traffic Control	1	LS	\$86,570.00	\$86,570.00
8	Saw-Cut AC	5,000	LF	\$1.50	\$7,500.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$5.15	\$72,100.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$425.00	\$1,275.00
11	Remove and discard existing utility pole	4	EA	\$130.00	\$520.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,715.00	\$1,715.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$9,400.00	\$9,400.00
14	Remove and reinstall existing fence	150	LF	\$9.50	\$1,425.00
15	Restore existing AC Driveway	10	EA	\$1,280.00	\$12,800.00
16	Restore existing Concrete Driveway	2	EA	\$1,800.00	\$3,600.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$5.00	\$20,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$3,180.00	\$6,360.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$1,860.00	\$1,860.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,010.00	\$2,010.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,330.00	\$6,990.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,550.00	\$66,600.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$11,030.00	\$11,030.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,835.00	\$23,010.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$5,960.00	\$5,960.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$9,400.00	\$9,400.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$4,380.00	\$13,140.00
29	Pressure test and disinfect water main	1	LS	\$15,000.00	\$15,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$7,830.00	\$7,830.00
31	Provide interim water line connection to 24" water main	1	LF	\$12,670.00	\$12,670.00
32	Remove and Replace existing 12-inch water main	250	LF	\$43.00	\$10,750.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$72.00	\$126,720.00
34	Deleted Item				
35	► PVC DR-18 Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$104.00	\$1,214,720.00
36	► PVC DR-18 Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$191.00	\$171,900.00
37	Provide and install a 1½" water service	60	LF	\$39.00	\$2,340.00
38	Provide and install a 10" fire service	60	LF	\$45.00	\$2,700.00
39	Remove and replace existing Fire Hydrants	3	EA	\$2,840.00	\$8,520.00
40	Slurry seal entire width of street	4,980	SY	\$4.45	\$22,161.00
41	Pavement striping and markers	1	LS	\$20,000.00	\$20,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$16,820.00	\$16,820.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$15,580.00	\$15,580.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$15,260.00	\$15,260.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$360.00	\$95,400.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$580.00	\$153,700.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$2,755.00	\$8,265.00
48	Christy G5 box and grade ring for water bends	3	EA	\$390.00	\$1,170.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,965.00	\$3,965.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$4,060.00	\$4,060.00
51	Remove & Relocate existing ARV	1	EA	\$2,445.00	\$2,445.00
52	Temporary 6" AB Class II shoulder	18	CY	\$115.00	\$2,070.00
53	Remove & dispose of existing concrete pads	1	LS	\$840.00	\$840.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,500.00	\$3,500.00

TOTAL BASE BID: \$2,421,511.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Platinum Pipeline Inc., Dublin

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$101,655.00	\$101,655.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$500.00	\$500.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$2,000.00	\$2,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$5,000.00	\$5,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$4,000.00	\$4,000.00
6	Construction Signs	1	LS	\$2,000.00	\$2,000.00
7	Traffic Control	1	LS	\$10,000.00	\$10,000.00
8	Saw-Cut AC	5,000	LF	\$1.00	\$5,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$4.00	\$56,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$750.00	\$2,250.00
11	Remove and discard existing utility pole	4	EA	\$1,500.00	\$6,000.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$7,500.00	\$7,500.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$18,500.00	\$18,500.00
14	Remove and reinstall existing fence	150	LF	\$10.00	\$1,500.00
15	Restore existing AC Driveway	10	EA	\$750.00	\$7,500.00
16	Restore existing Concrete Driveway	2	EA	\$1,500.00	\$3,000.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$4.00	\$16,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$5,000.00	\$10,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$5,000.00	\$5,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$1,800.00	\$1,800.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,000.00	\$6,000.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$7,500.00	\$90,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$13,000.00	\$13,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,500.00	\$21,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$9,000.00	\$9,000.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$12,000.00	\$12,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,000.00	\$15,000.00
29	Pressure test and disinfect water main	1	LS	\$10,000.00	\$10,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$5,000.00	\$5,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$7,500.00	\$7,500.00
32	Remove and Replace existing 12-inch water main	250	LF	\$90.00	\$22,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$60.00	\$105,600.00
34	Deleted Item				
35	► PVC DR-18 Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$110.00	\$1,284,800.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$215.00	\$193,500.00
37	Provide and install a 1½" water service	60	LF	\$50.00	\$3,000.00
38	Provide and install a 10" fire service	60	LF	\$60.00	\$3,600.00
39	Remove and replace existing Fire Hydrants	3	EA	\$4,000.00	\$12,000.00
40	Slurry seal entire width of street	4,980	SY	\$9.00	\$44,820.00
41	Pavement striping and markers	1	LS	\$15,000.00	\$15,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$40,000.00	\$40,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$40,000.00	\$40,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$40,000.00	\$40,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$400.00	\$106,000.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$480.00	\$127,200.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$3,000.00	\$9,000.00
48	Christy G5 box and grade ring for water bends	3	EA	\$400.00	\$1,200.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$6,000.00	\$6,000.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$2,000.00	\$2,000.00
51	Remove & Relocate existing ARV	1	EA	\$2,000.00	\$2,000.00
52	Temporary 6" AB Class II shoulder	18	CY	\$100.00	\$1,800.00
53	Remove & dispose of existing concrete pads	1	LS	\$5,000.00	\$5,000.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$2,000.00	\$2,000.00

TOTAL BASE BID: \$2,520,725.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Sanco Pipelines Inc., Los Gatos

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$36,462.00	\$36,462.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$1,343.00	\$1,343.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$2,026.00	\$2,026.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$12,602.00	\$12,602.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$20,943.00	\$20,943.00
6	Construction Signs	1	LS	\$9,787.00	\$9,787.00
7	Traffic Control	1	LS	\$47,073.00	\$47,073.00
8	Saw-Cut AC	5,000	LF	\$2.00	\$10,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$7.00	\$98,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,821.00	\$5,463.00
11	Remove and discard existing utility pole	4	EA	\$1,300.00	\$5,200.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,103.00	\$1,103.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$27,390.00	\$27,390.00
14	Remove and reinstall existing fence	150	LF	\$11.00	\$1,650.00
15	Restore existing AC Driveway	10	EA	\$660.00	\$6,600.00
16	Restore existing Concrete Driveway	2	EA	\$3,280.00	\$6,560.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$5.00	\$20,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$7,580.00	\$15,160.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$11,200.00	\$11,200.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$1,900.00	\$1,900.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,000.00	\$6,000.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$4,900.00	\$58,800.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$10,000.00	\$10,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$5,000.00	\$30,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$5,250.00	\$5,250.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$9,470.00	\$9,470.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,000.00	\$15,000.00
29	Pressure test and disinfect water main	1	LS	\$37,100.00	\$37,100.00
30	Provide interim water line connection to 12" water main	1	LS	\$13,845.00	\$13,845.00
31	Provide interim water line connection to 24" water main	1	LF	\$19,640.00	\$19,640.00
32	Remove and Replace existing 12-inch water main	250	LF	\$115.00	\$28,750.00
33	Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)+C794	1760	LF	\$52.00	\$91,520.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$100.00	\$1,168,000.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$265.00	\$238,500.00
37	Provide and install a 1½" water service	60	LF	\$27.00	\$1,620.00
38	Provide and install a 10" fire service	60	LF	\$144.00	\$8,640.00
39	Remove and replace existing Fire Hydrants	3	EA	\$2,342.00	\$7,026.00
40	Slurry seal entire width of street	4,980	SY	\$4.00	\$19,920.00
41	Pavement striping and markers	1	LS	\$18,900.00	\$18,900.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$65,848.00	\$65,848.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$43,300.00	\$43,300.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$43,300.00	\$43,300.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$389.00	\$103,085.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$525.00	\$139,125.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$4,736.00	\$14,208.00
48	Christy G5 box and grade ring for water bends	3	EA	\$426.00	\$1,278.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$4,220.00	\$4,220.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$12,360.00	\$12,360.00
51	Remove & Relocate existing ARV	1	EA	\$3,200.00	\$3,200.00
52	Temporary 6" AB Class II shoulder	18	CY	\$112.00	\$2,016.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,880.00	\$2,880.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,670.00	\$3,670.00

TOTAL BASE BID: \$2,566,933.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Ford Construction Company, Inc., Lodi

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$195,000.00	\$195,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$10.00	\$10.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$15,000.00	\$15,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$1,500.00	\$1,500.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$15,000.00	\$15,000.00
6	Construction Signs	1	LS	\$1,500.00	\$1,500.00
7	Traffic Control	1	LS	\$105,000.00	\$105,000.00
8	Saw-Cut AC	5,000	LF	\$0.50	\$2,500.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$4.50	\$63,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,020.00	\$3,060.00
11	Remove and discard existing utility pole	4	EA	\$140.00	\$560.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,050.00	\$1,050.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$19,000.00	\$19,000.00
14	Remove and reinstall existing fence	150	LF	\$25.00	\$3,750.00
15	Restore existing AC Driveway	10	EA	\$1,000.00	\$10,000.00
16	Restore existing Concrete Driveway	2	EA	\$2,225.00	\$4,450.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$6.00	\$24,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$400.00	\$800.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$3,250.00	\$3,250.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,700.00	\$2,700.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,900.00	\$8,700.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$6,000.00	\$72,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$21,000.00	\$21,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,100.00	\$18,600.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$6,500.00	\$6,500.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$11,000.00	\$11,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,500.00	\$16,500.00
29	Pressure test and disinfect water main	1	LS	\$13,000.00	\$13,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$2,250.00	\$2,250.00
31	Provide interim water line connection to 24" water main	1	LF	\$2,250.00	\$2,250.00
32	Remove and Replace existing 12-inch water main	250	LF	\$50.00	\$12,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$50.00	\$88,000.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$110.00	\$1,284,800.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$240.00	\$216,000.00
37	Provide and install a 1½" water service	60	LF	\$25.00	\$1,500.00
38	Provide and install a 10" fire service	60	LF	\$55.00	\$3,300.00
39	Remove and replace existing Fire Hydrants	3	EA	\$950.00	\$2,850.00
40	Slurry seal entire width of street	4,980	SY	\$4.00	\$19,920.00
41	Pavement striping and markers	1	LS	\$19,000.00	\$19,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$21,000.00	\$21,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$19,000.00	\$19,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$19,000.00	\$19,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$350.00	\$92,750.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$475.00	\$125,875.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$19,000.00	\$57,000.00
48	Christy G5 box and grade ring for water bends	3	EA	\$450.00	\$1,350.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$2,100.00	\$2,100.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$4,000.00	\$4,000.00
51	Remove & Relocate existing ARV	1	EA	\$1,500.00	\$1,500.00
52	Temporary 6" AB Class II shoulder	18	CY	\$170.00	\$3,060.00
53	Remove & dispose of existing concrete pads	1	LS	\$800.00	\$800.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$5,000.00	\$5,000.00

TOTAL BASE BID: \$2,643,235.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

West Valley Construction Co. Inc., San Jose

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$39,000.00	\$39,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$6,800.00	\$6,800.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$10,500.00	\$10,500.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$17,000.00	\$17,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$10,500.00	\$10,500.00
6	Construction Signs	1	LS	\$11,000.00	\$11,000.00
7	Traffic Control	1	LS	\$100,000.00	\$100,000.00
8	Saw-Cut AC	5,000	LF	\$1.00	\$5,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$4.25	\$59,500.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,200.00	\$3,600.00
11	Remove and discard existing utility pole	4	EA	\$1,200.00	\$4,800.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,200.00	\$1,200.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$20,000.00	\$20,000.00
14	Remove and reinstall existing fence	150	LF	\$28.00	\$4,200.00
15	Restore existing AC Driveway	10	EA	\$2,000.00	\$20,000.00
16	Restore existing Concrete Driveway	2	EA	\$5,600.00	\$11,200.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$6.00	\$24,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$9,000.00	\$18,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$4,000.00	\$4,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,000.00	\$2,000.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,600.00	\$7,800.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,900.00	\$70,800.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$11,000.00	\$11,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$2,800.00	\$16,800.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$5,125.00	\$5,125.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$9,500.00	\$9,500.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$3,750.00	\$11,250.00
29	Pressure test and disinfect water main	1	LS	\$24,000.00	\$24,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$13,000.00	\$13,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$17,525.00	\$17,525.00
32	Remove and Replace existing 12-inch water main	250	LF	\$63.00	\$15,750.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$76.50	\$134,640.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$117.40	\$1,371,232.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$211.00	\$189,900.00
37	Provide and install a 1½" water service	60	LF	\$39.00	\$2,340.00
38	Provide and install a 10" fire service	60	LF	\$116.00	\$6,960.00
39	Remove and replace existing Fire Hydrants	3	EA	\$2,875.00	\$8,625.00
40	Slurry seal entire width of street	4,980	SY	\$4.50	\$22,410.00
41	Pavement striping and markers	1	LS	\$20,000.00	\$20,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$73,000.00	\$73,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$33,000.00	\$33,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$37,500.00	\$37,500.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$406.00	\$107,590.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$544.00	\$144,160.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$8,200.00	\$24,600.00
48	Christy G5 box and grade ring for water bends	3	EA	\$375.00	\$1,125.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,700.00	\$3,700.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$5,100.00	\$5,100.00
51	Remove & Relocate existing ARV	1	EA	\$2,000.00	\$2,000.00
52	Temporary 6" AB Class II shoulder	18	CY	\$190.00	\$3,420.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,400.00	\$2,400.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$900.00	\$900.00

TOTAL BASE BID: \$2,769,452.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Downing Construction Inc., Yucaipa

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$100,000.00	\$100,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$3,000.00	\$3,000.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$3,000.00	\$3,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$10,000.00	\$10,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$20,000.00	\$20,000.00
6	Construction Signs	1	LS	\$500.00	\$500.00
7	Traffic Control	1	LS	\$15,000.00	\$15,000.00
8	Saw-Cut AC	5,000	LF	\$1.40	\$7,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$7.00	\$98,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,000.00	\$3,000.00
11	Remove and discard existing utility pole	4	EA	\$1,000.00	\$4,000.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,200.00	\$1,200.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$20,000.00	\$20,000.00
14	Remove and reinstall existing fence	150	LF	\$18.00	\$2,700.00
15	Restore existing AC Driveway	10	EA	\$600.00	\$6,000.00
16	Restore existing Concrete Driveway	2	EA	\$600.00	\$1,200.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$7.00	\$28,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$8,000.00	\$16,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$8,000.00	\$8,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,000.00	\$2,000.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,200.00	\$6,600.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$6,000.00	\$72,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$11,800.00	\$11,800.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,700.00	\$22,200.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$6,300.00	\$6,300.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$10,500.00	\$10,500.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,000.00	\$15,000.00
29	Pressure test and disinfect water main	1	LS	\$3,500.00	\$3,500.00
30	Provide interim water line connection to 12" water main	1	LS	\$12,000.00	\$12,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$17,000.00	\$17,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$100.00	\$25,000.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$95.00	\$167,200.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$128.00	\$1,495,040.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$207.00	\$186,300.00
37	Provide and install a 1½" water service	60	LF	\$65.00	\$3,900.00
38	Provide and install a 10" fire service	60	LF	\$70.00	\$4,200.00
39	Remove and replace existing Fire Hydrants	3	EA	\$4,500.00	\$13,500.00
40	Slurry seal entire width of street	4,980	SY	\$5.00	\$24,900.00
41	Pavement striping and markers	1	LS	\$20,000.00	\$20,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$14,000.00	\$14,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$14,000.00	\$14,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$14,000.00	\$14,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$362.00	\$95,930.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$506.00	\$134,090.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$700.00	\$2,100.00
48	Christy G5 box and grade ring for water bends	3	EA	\$775.00	\$2,325.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$4,500.00	\$4,500.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$7,700.00	\$7,700.00
51	Remove & Relocate existing ARV	1	EA	\$3,900.00	\$3,900.00
52	Temporary 6" AB Class II shoulder	18	CY	\$136.00	\$2,448.00
53	Remove & dispose of existing concrete pads	1	LS	\$5,000.00	\$5,000.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$7,500.00	\$7,500.00

TOTAL BASE BID: \$2,773,033.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

Preston Pipelines Inc., Milpitas

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$130,000.00	\$130,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$150.00	\$150.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$2,000.00	\$2,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$69,000.00	\$69,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$12,000.00	\$12,000.00
6	Construction Signs	1	LS	\$4,000.00	\$4,000.00
7	Traffic Control	1	LS	\$85,000.00	\$85,000.00
8	Saw-Cut AC	5,000	LF	\$2.00	\$10,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$7.00	\$98,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,100.00	\$3,300.00
11	Remove and discard existing utility pole	4	EA	\$1,150.00	\$4,600.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,200.00	\$1,200.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$19,500.00	\$19,500.00
14	Remove and reinstall existing fence	150	LF	\$29.00	\$4,350.00
15	Restore existing AC Driveway	10	EA	\$1,150.00	\$11,500.00
16	Restore existing Concrete Driveway	2	EA	\$1,900.00	\$3,800.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$8.00	\$32,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$1,800.00	\$3,600.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$3,600.00	\$3,600.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,000.00	\$2,000.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,300.00	\$6,900.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,200.00	\$62,400.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$10,500.00	\$10,500.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$4,100.00	\$24,600.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$5,300.00	\$5,300.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$11,000.00	\$11,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$3,500.00	\$10,500.00
29	Pressure test and disinfect water main	1	LS	\$16,500.00	\$16,500.00
30	Provide interim water line connection to 12" water main	1	LS	\$5,800.00	\$5,800.00
31	Provide interim water line connection to 24" water main	1	LF	\$9,950.00	\$9,950.00
32	Remove and Replace existing 12-inch water main	250	LF	\$70.00	\$17,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$65.00	\$114,400.00
34	Deleted Item				
35	PVC DR-18 ► Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$109.00	\$1,273,120.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$200.00	\$180,000.00
37	Provide and install a 1½" water service	60	LF	\$65.00	\$3,900.00
38	Provide and install a 10" fire service	60	LF	\$85.00	\$5,100.00
39	Remove and replace existing Fire Hydrants	3	EA	\$3,300.00	\$9,900.00
40	Slurry seal entire width of street	4,980	SY	\$4.00	\$19,920.00
41	Pavement striping and markers	1	LS	\$23,500.00	\$23,500.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$40,500.00	\$40,500.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$31,500.00	\$31,500.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$31,500.00	\$31,500.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$450.00	\$119,250.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$750.00	\$198,750.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$9,200.00	\$27,600.00
48	Christy G5 box and grade ring for water bends	3	EA	\$500.00	\$1,500.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$4,800.00	\$4,800.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$6,000.00	\$6,000.00
51	Remove & Relocate existing ARV	1	EA	\$3,500.00	\$3,500.00
52	Temporary 6" AB Class II shoulder	18	CY	\$100.00	\$1,800.00
53	Remove & dispose of existing concrete pads	1	LS	\$3,800.00	\$3,800.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$4,950.00	\$4,950.00

TOTAL BASE BID: \$2,785,840.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

California Trenchless Inc., Dublin

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$50,000.00	\$50,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$1,000.00	\$1,000.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$2,500.00	\$2,500.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$2,500.00	\$2,500.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$5,000.00	\$5,000.00
6	Construction Signs	1	LS	\$2,500.00	\$2,500.00
7	Traffic Control	1	LS	\$20,000.00	\$20,000.00
8	Saw-Cut AC	5,000	LF	\$1.00	\$5,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$4.00	\$56,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,100.00	\$3,300.00
11	Remove and discard existing utility pole	4	EA	\$1,100.00	\$4,400.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$1,100.00	\$1,100.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$20,000.00	\$20,000.00
14	Remove and reinstall existing fence	150	LF	\$25.00	\$3,750.00
15	Restore existing AC Driveway	10	EA	\$1,800.00	\$18,000.00
16	Restore existing Concrete Driveway	2	EA	\$2,400.00	\$4,800.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$5.00	\$20,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$4,000.00	\$8,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$5,000.00	\$5,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,100.00	\$2,100.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,600.00	\$7,800.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$5,500.00	\$66,000.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$12,000.00	\$12,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,500.00	\$21,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$6,000.00	\$6,000.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$12,000.00	\$12,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$6,000.00	\$18,000.00
29	Pressure test and disinfect water main	1	LS	\$5,000.00	\$5,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$7,500.00	\$7,500.00
31	Provide interim water line connection to 24" water main	1	LF	\$11,000.00	\$11,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$125.00	\$31,250.00
33	Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$100.00	\$176,000.00
34	Deleted Item				
35	PVC DR-18 Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$123.00	\$1,436,640.00
36	PVC DR-18 Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$250.00	\$225,000.00
37	Provide and install a 1½" water service	60	LF	\$45.00	\$2,700.00
38	Provide and install a 10" fire service	60	LF	\$125.00	\$7,500.00
39	Remove and replace existing Fire Hydrants	3	EA	\$7,500.00	\$22,500.00
40	Slurry seal entire width of street	4,980	SY	\$3.00	\$14,940.00
41	Pavement striping and markers	1	LS	\$15,000.00	\$15,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$130,000.00	\$130,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$65,000.00	\$65,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$65,000.00	\$65,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$450.00	\$119,250.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$650.00	\$172,250.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$2,500.00	\$7,500.00
48	Christy G5 box and grade ring for water bends	3	EA	\$500.00	\$1,500.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$7,500.00	\$7,500.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$5,000.00	\$5,000.00
51	Remove & Relocate existing ARV	1	EA	\$2,500.00	\$2,500.00
52	Temporary 6" AB Class II shoulder	18	CY	\$100.00	\$1,800.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,500.00	\$2,500.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,000.00	\$3,000.00

TOTAL BASE BID: \$2,915,580.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

J & M Inc., Livermore

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$60,000.00	\$60,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$140.00	\$140.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$2,100.00	\$2,100.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$19,700.00	\$19,700.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$28,000.00	\$28,000.00
6	Construction Signs	1	LS	\$2,400.00	\$2,400.00
7	Traffic Control	1	LS	\$42,000.00	\$42,000.00
8	Saw-Cut AC	5,000	LF	\$4.50	\$22,500.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$4.75	\$66,500.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,050.00	\$3,150.00
11	Remove and discard existing utility pole	4	EA	\$1,120.00	\$4,480.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$3,700.00	\$3,700.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$19,000.00	\$19,000.00
14	Remove and reinstall existing fence	150	LF	\$28.00	\$4,200.00
15	Restore existing AC Driveway	10	EA	\$2,205.00	\$22,050.00
16	Restore existing Concrete Driveway	2	EA	\$2,100.00	\$4,200.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$6.30	\$25,200.00
18	Connect to Existing 12" Water Stub	2	EA	\$4,750.00	\$9,500.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$6,500.00	\$6,500.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$1,850.00	\$1,850.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,450.00	\$7,350.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$6,050.00	\$72,600.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$9,500.00	\$9,500.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$3,066.00	\$18,396.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$6,170.00	\$6,170.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$13,000.00	\$13,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$4,925.00	\$14,775.00
29	Pressure test and disinfect water main	1	LS	\$57,600.00	\$57,600.00
30	Provide interim water line connection to 12" water main	1	LS	\$7,000.00	\$7,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$12,900.00	\$12,900.00
32	Remove and Replace existing 12-inch water main	250	LF	\$124.00	\$31,000.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$97.00	\$170,720.00
34	Deleted Item				
35	► PVC DR-18 Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$119.00	\$1,389,920.00
36	PVC DR-18 ► Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$220.00	\$198,000.00
37	Provide and install a 1½" water service	60	LF	\$131.00	\$7,860.00
38	Provide and install a 10" fire service	60	LF	\$176.00	\$10,560.00
39	Remove and replace existing Fire Hydrants	3	EA	\$7,040.00	\$21,120.00
40	Slurry seal entire width of street	4,980	SY	\$4.50	\$22,410.00
41	Pavement striping and markers	1	LS	\$19,000.00	\$19,000.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$53,000.00	\$53,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$44,565.00	\$44,565.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$48,975.00	\$48,975.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$447.00	\$118,455.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$585.00	\$155,025.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$5,130.00	\$15,390.00
48	Christy G5 box and grade ring for water bends	3	EA	\$415.00	\$1,245.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$3,700.00	\$3,700.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$21,430.00	\$21,430.00
51	Remove & Relocate existing ARV	1	EA	\$1,200.00	\$1,200.00
52	Temporary 6" AB Class II shoulder	18	CY	\$200.00	\$3,600.00
53	Remove & dispose of existing concrete pads	1	LS	\$2,050.00	\$2,050.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$15,110.00	\$15,110.00

TOTAL BASE BID: \$2,920,796.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

A & B Construction, San Francisco

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$140,000.00	\$140,000.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$1,000.00	\$1,000.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$5,000.00	\$5,000.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$13,000.00	\$13,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$19,000.00	\$19,000.00
6	Construction Signs	1	LS	\$2,500.00	\$2,500.00
7	Traffic Control	1	LS	\$13,000.00	\$13,000.00
8	Saw-Cut AC	5,000	LF	\$3.50	\$17,500.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$10.00	\$140,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,300.00	\$3,900.00
11	Remove and discard existing utility pole	4	EA	\$2,000.00	\$8,000.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$4,500.00	\$4,500.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$28,000.00	\$28,000.00
14	Remove and reinstall existing fence	150	LF	\$32.00	\$4,800.00
15	Restore existing AC Driveway	10	EA	\$3,200.00	\$32,000.00
16	Restore existing Concrete Driveway	2	EA	\$7,000.00	\$14,000.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$10.00	\$40,000.00
18	Connect to Existing 12" Water Stub	2	EA	\$8,500.00	\$17,000.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$10,000.00	\$10,000.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,800.00	\$2,800.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$3,200.00	\$9,600.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$7,700.00	\$92,400.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$15,000.00	\$15,000.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$7,500.00	\$45,000.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$10,000.00	\$10,000.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$19,000.00	\$19,000.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$5,000.00	\$15,000.00
29	Pressure test and disinfect water main	1	LS	\$20,000.00	\$20,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$10,000.00	\$10,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$30,000.00	\$30,000.00
32	Remove and Replace existing 12-inch water main	250	LF	\$130.00	\$32,500.00
33	Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$120.00	\$211,200.00
34	Deleted Item				
35	PVC DR-18 Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$145.00	\$1,693,600.00
36	PVC DR-18 Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$160.00	\$144,000.00
37	Provide and install a 1½" water service	60	LF	\$90.00	\$5,400.00
38	Provide and install a 10" fire service	60	LF	\$160.00	\$9,600.00
39	Remove and replace existing Fire Hydrants	3	EA	\$6,400.00	\$19,200.00
40	Slurry seal entire width of street	4,980	SY	\$5.00	\$24,900.00
41	Pavement striping and markers	1	LS	\$8,500.00	\$8,500.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$38,000.00	\$38,000.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$60,000.00	\$60,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$60,000.00	\$60,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$520.00	\$137,800.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$720.00	\$190,800.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$12,500.00	\$37,500.00
48	Christy G5 box and grade ring for water bends	3	EA	\$650.00	\$1,950.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$11,500.00	\$11,500.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$10,000.00	\$10,000.00
51	Remove & Relocate existing ARV	1	EA	\$3,800.00	\$3,800.00
52	Temporary 6" AB Class II shoulder	18	CY	\$320.00	\$5,760.00
53	Remove & dispose of existing concrete pads	1	LS	\$1,300.00	\$1,300.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$6,500.00	\$6,500.00

TOTAL BASE BID: \$3,495,810.00

Austin Road Water Main Project – Phase 2

Engineers Estimate \$1,600,000
January 24, 2013

HPS Mechanical Inc., Bakersfield

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	1	LS	\$105,720.00	\$105,720.00
2	File Notice of Intent (N.O.I) & Notice of Termination (N.O.T)	1	LS	\$100.00	\$100.00
3	Site Grading Permit Preparation and fees (SWPPP)	1	LS	\$500.00	\$500.00
4	Provide and Install Stormwater Pollution Controls (SWPPP)	1	LS	\$3,000.00	\$3,000.00
5	Pot hole to verify all necessary existing utilities and other to construct water and sewer line	1	LS	\$26,000.00	\$26,000.00
6	Construction Signs	1	LS	\$5,000.00	\$5,000.00
7	Traffic Control	1	LS	\$52,000.00	\$52,000.00
8	Saw-Cut AC	5,000	LF	\$1.20	\$6,000.00
9	Trench Patch (4"AC/4"AB)	14,000	SF	\$12.00	\$168,000.00
10	Hold existing utility pole in place while trenching for water line	3	EA	\$1,500.00	\$4,500.00
11	Remove and discard existing utility pole	4	EA	\$100.00	\$400.00
12	Provide & Install NEMA enclosure Type 3R for PG&E meter	1	LS	\$6,680.00	\$6,680.00
13	Disconnect existing overhead power line to billboard and provide underground conduit, electrical wire and all fittings needed to reconnect power to billboard	1	LS	\$15,000.00	\$15,000.00
14	Remove and reinstall existing fence	150	LF	\$35.00	\$5,250.00
15	Restore existing AC Driveway	10	EA	\$3,500.00	\$35,000.00
16	Restore existing Concrete Driveway	2	EA	\$7,000.00	\$14,000.00
17	Remove existing shoulder pavement and repave in-kind	4000	SF	\$4.70	\$18,800.00
18	Connect to Existing 12" Water Stub	2	EA	\$2,600.00	\$5,200.00
19	Connect to Existing 24" Water Stub, remove blind flange	1	EA	\$1,800.00	\$1,800.00
20	Provide and Install 10" gate valve with valve box, lid and ring	1	EA	\$2,200.00	\$2,200.00
21	Provide and Install 12" gate valve with valve box, lid and ring	3	EA	\$2,650.00	\$7,950.00
22	Provide and Install 24" butterfly valve with valve box, lid and ring	12	EA	\$7,440.00	\$89,280.00
23	Provide and Install 30" butterfly valve with valve box, lid and ring	1	EA	\$14,200.00	\$14,200.00
24	Deleted Item				
25	Air-Release valves per STD Detail W-18	6	EA	\$4,300.00	\$25,800.00
26	Provide and Install commercial fire hydrant and assembly with 4 traffic bollards, Type X Pavement Markers	1	EA	\$7,400.00	\$7,400.00
27	Provide and Install 18" sewer gate valve with valve box, lid and ring	1	EA	\$15,980.00	\$15,980.00
28	Provide and Install sanitary sewer manhole for future ARV per 'Detail C' on Sheet 13	3	EA	\$2,820.00	\$8,460.00
29	Pressure test and disinfect water main	1	LS	\$17,000.00	\$17,000.00
30	Provide interim water line connection to 12" water main	1	LS	\$10,000.00	\$10,000.00
31	Provide interim water line connection to 24" water main	1	LF	\$22,230.00	\$22,230.00
32	Remove and Replace existing 12-inch water main	250	LF	\$66.00	\$16,500.00
33	► Fusible HDPE (D.I.P.S) DR-21 or Fusible PVC (D.I.P.S) Pipe DR-25 18-inch Sewer Force Main Line, includes all fittings, thrust blocks, pipe restraints, fusion welded and trench back fill (Check appropriate box)	1760	LF	\$96.00	\$168,960.00
34	Deleted Item				
35	► PVC DR-18 Ductile Iron Pipe Class-200 24-inch Water Line, includes all fittings, thrust blocks, pipe restraints, and trench back fill (Check appropriate box)	11,680	LF	\$184.00	\$2,149,120.00
36	► PVC DR-18 Ductile Iron Pipe Class-150 30-inch Water Line, includes all fittings, thrust blocks, pipe restraints and trench back fill (Check appropriate box)	900	LF	\$310.00	\$279,000.00
37	Provide and install a 1½" water service	60	LF	\$40.00	\$2,400.00
38	Provide and install a 10" fire service	60	LF	\$120.00	\$7,200.00
39	Remove and replace existing Fire Hydrants	3	EA	\$3,900.00	\$11,700.00
40	Slurry seal entire width of street	4,980	SY	\$8.60	\$42,828.00
41	Pavement striping and markers	1	LS	\$21,200.00	\$21,200.00
42	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the HWY-99 crossing	1	LS	\$79,150.00	\$79,150.00
43	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 30-inch steel casing at UPRR crossing	1	LS	\$40,000.00	\$40,000.00
44	Excavate Jack-and-Bore pits, set shoring, equipment needed, and backfill pits for the 42-inch steel casing at UPRR crossing	1	LS	\$40,000.00	\$40,000.00
45	Provide and Jack-and-Bore a 30-inch steel casing (0.5000" Thickness), install 18-inch carrier pipe with all needed appurtenances including skids, seal ends of casing and fill annular space with sand.	265	LF	\$450.00	\$119,250.00
46	Provide and Jack-and-Bore a 42-inch steel casing (0.5625" Thickness), install 24-inch carrier pipe with all needed appurtenances including skids, restraints, seal ends of casing and fill annular space with sand.	265	LF	\$734.00	\$194,510.00
47	SSJID pipe crossing shall be accomplished between October 15 & February 15, unless special arrangements are made with the District	3	EA	\$4,700.00	\$14,100.00
48	Christy G5 box and grade ring for water bends	3	EA	\$460.00	\$1,380.00
49	Provide and Install 18" butterfly valve with valve box, lid and ring	1	EA	\$10,260.00	\$10,260.00
50	Re-route 6" SSFM under proposed 24-inch water main	1	LS	\$2,500.00	\$2,500.00
51	Remove & Relocate existing ARV	1	EA	\$2,330.00	\$2,330.00
52	Temporary 6" AB Class II shoulder	18	CY	\$25.00	\$450.00
53	Remove & dispose of existing concrete pads	1	LS	\$560.00	\$560.00
54	Remove, lower and reconnect existing 12" SD Lateral	1	LS	\$3,300.00	\$3,300.00

TOTAL BASE BID: \$3,900,148.00