

**San Lorenzo Valley Water District  
Lyon & Big Steel Pipeline Improvements**

**Engineer's Estimate  
Revised 10/25/22**

ITEM NO.	ITEM/DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
1	Mobilization/Demobilization	1	LS	\$283,000	\$ 283,000.00
2	Sheeting, shoring and bracing	1	LS	\$10,000	\$ 10,000.00
3	Traffic Control	1	LS	\$50,000	\$ 50,000.00
4	12" Ductile Iron Water Main	11,197	LF	\$330	\$ 3,699,300.00
5	8" Ductile Iron Water Main	658	LF	\$187	\$ 123,300.00
6	6" Ductile Iron Water Main	124	LF	\$177	\$ 22,000.00
7	Connect to existing 8" Valve at Big Steel Tank	1	LS	\$6,000	\$ 6,000.00
8	Connect to existing 12" Lyon Zone Valve at Big Steel Tank Site	1	LS	\$3,000	\$ 3,000.00
9	Connect to existing 6" Main at Boulder Brook Drive, STA 207+25	1	LS	\$6,000	\$ 6,000.00
10	Connect to existing 4" Main at Boulder Brook Drive, STA 100+93	1	LS	\$6,000	\$ 6,000.00
11	Connect to existing 8" Big Steel Pipeline, STA 107+75	1	LS	\$5,000	\$ 5,000.00
12	Connect to existing 6" Main at Paone Drive	1	LS	\$15,000	\$ 15,000.00
13	Blackstone 2" PRV, STA 123+41	1	LS	\$10,000	\$ 10,000.00
14	Connect to existing 2" Main at Hazel Ave & Davidson Ave	1	LS	\$20,000	\$ 20,000.00
15	Connect to existing 2" Main at Laurel Street	1	LS	\$40,000	\$ 40,000.00
16	Connect to existing 2" Main at Oak Street	1	LS	\$35,000	\$ 35,000.00
17	Connect to existing 8" Main at Big Basin Way at Pine Street	1	LS	\$15,000	\$ 15,000.00
18	PRV Station in Pine Street	1	LS	\$92,550	\$ 92,550.00
19	Connect to existing 8" Main at Hwy 9 and Lorenzo Street	1	LS	\$15,000	\$ 15,000.00
20	PRV Station in Lorenzo St	1	LS	\$92,550	\$ 92,550.00
21	Connect to existing 6" and 4" Mains at Lomond and Pine Street Intersection	1	LS	\$35,000	\$ 35,000.00
22	Connect to existing 8" Main in HWY 9 at Forest St.	1	LS	\$20,000	\$ 20,000.00
23	Connect to existing 8" Main at Hwy 9 and Lomond Street	1	LS	\$5,000	\$ 5,000.00
24	Connect to existing 12" Main at Lomond and East Lomond Streets	1	LS	\$15,000	\$ 15,000.00
25	Connect to Existing 2" Main at Railroad Ave.	1	LS	\$10,000	\$ 10,000.00
26	Connect to Existing 2" Junction Ave.	1	LS	\$10,000	\$ 10,000.00
27	Connect to existing 6" Main at Middleton Ave	1	LS	\$5,000	\$ 5,000.00
28	Connect to existing 6" Main at Fairview Ave	1	LS	\$5,000	\$ 5,000.00
29	Connect to existing 12" Main in Irwin Way	1	LS	\$5,000	\$ 5,000.00
30	Lomond Street/Irwin Way Bridge Pipe Hanger Installation	1	LS	\$76,093	\$ 76,100.00
31	Bear Creek & Reader Zones Inter-tie Valve	1	LS	\$35,000	\$ 35,000.00
32A	1" Residential Service	71	EA	\$5,908	\$ 419,500.00
32B	1" Water Lateral	3,500	LF	\$23	\$ 81,900.00
33A	2" Residential Service	6	EA	\$8,890	\$ 53,400.00
33B	2" Water Lateral	300	LF	\$27	\$ 8,000.00
34	2" Air-Vac Valve	2	EA	\$13,046	\$ 26,100.00
35	Blow Off Valves	4	EA	\$4,768	\$ 19,100.00
36	Fire Hydrants	12	EA	\$16,708	\$ 200,500.00
37	Abandon Existing Water Mains, Each Location	23	EA	\$7,500	\$ 172,500.00
38	Remove Existing 12" Pipe Crossing Over San Lorenzo River at E. Lomond Street to Irwin Way	1	LS	\$40,000	\$ 40,000.00
39	Additional AC Paving	100	SY	\$93	\$ 9,300.00
40	Additional Slurry Backfill	100	CY	\$48	\$ 4,800.00
41	Permits Allowance	1	ALW	\$110,000	\$ 110,000.00
<b>TOTAL BID PRICE:</b>				<b>\$</b>	<b>5,914,900.00</b>