

VALLECITOS WATER DISTRICT

BONDING COSTS - 2009

Updated: 1/22/09

The following list is to be used to prepare Engineer's Cost Estimates for determining bonds for Vallecitos Water District. All unit prices shall be those shown hereon unless the item is not listed. Revisions to the estimate are the responsibility of the Engineer of Work. A fifteen percent (15%) contingency is required on all Engineer's Cost Estimates. If you have any questions, please contact the Engineering Department at 760-744-0460.

WATER

ITEM	STANDARD DRAWING	UNIT COST
8" PVC water main	W-17	\$65.00 lf
10" PVC water main	W-17	\$75.00 lf
12" PVC water main	W-17	\$85.00 lf
6" CML&C steel/DIP water main	W-17	\$100.00 lf
8" CML&C steel/DIP water main	W-17	\$190.00 lf
10" CML&C steel/DIP water main	W-17	\$195.00 lf
12" CML&C/DIP steel water main	W-17	\$210.00 lf
14" CML&C steel water main	W-17	\$230.00 lf
16" CML&C steel water main	W-17	\$235.00 lf
18" CML&C steel water main	W-17	\$240.00 lf
24" CML&C steel water main	W-17	\$270.00 lf
30" CML&C steel water main	W-17	\$305.00 lf
36" CML&C steel water main	W-17	\$335.00 lf
6" gate valve	W-14, W-16	\$900.00 ea
8" gate valve	W-14, W-16	\$1,410.00 ea
10" gate valve	W-14, W-16	\$1,600.00 ea
12" gate valve	W-14, W-16	\$1,915.00 ea
14" butterfly valve		\$2,600.00 ea
16" butterfly valve		\$3,975.00 ea
18" butterfly valve		\$4,600.00 ea
24" butterfly valve		\$8,300.00 ea
36" butterfly valve		\$16,735.00 ea
Hot tap existing main & saddle		\$2,000.00 ea
Adjust gate vavle to grade	W-14, W-16	\$365.00 ea
Fire hydrant assembly	W-4, W-5	\$4,700.00 ea
Relocate fire hydrant	W-4, W-5	\$2,385.00 ea
Protection post		\$250.00 ea
1" water service	W-6, W-8	\$1,830.00 ea
2" water service	W-7, W-8	\$1,960.00 ea
3" water service	W-9	\$5,000.00 ea
2" & smaller backflow device	W-19	\$1,490.00 ea
Relocate water meter	W-6, W-7, W-8	\$720.00 ea
Adjust water meter to grade	W-6, W-7, W-8	\$185.00 ea
1" water test station	W-21	\$2,300.00 ea

WATER (continued)

ITEM	STANDARD DRAWING	UNIT COST
1" air & vacuum valve	W-2	\$1,990.00 ea
2" air & vacuum valve	W-3	\$3,140.00 ea
4" air & vacuum valve	W-25	\$5,200.00 ea
Relocate air & vacuum valve	W-2, W-3, W-25	\$1,385.00 ea
2" blow-off assembly	W-1	\$1,500.00 ea
4" blow-off assembly	W-23	\$3,530.00 ea
6" blow-off assembly	W-23	\$4,080.00 ea
Relocate blow-off assembly	W-1, W-23	\$900.00 ea
6" detector check assembly	W-13	\$9,730.00 ea
8" detector check assembly	W-13	\$12,550.00 ea
Below ground detector check vault	W-12	\$2500 - \$6500 ea
Cathodic test station		\$400.00 ea
Thrust block	W-15	\$435.00 ea
Concrete anchor block	W-15	\$507.00 ea
End cap	W-16	\$250.00 ea
Perform pipe jacking		\$750.00 lf
8" steel/DIP water main utility crossing	W-27	\$14,650.00 ea
12" steel/DIP water main utility crossing	W-27, W-28	\$16,735.00 ea

SEWER

ITEM	STANDARD DRAWING	UNIT COST
4" sewer lateral	S-4, S-5	\$2,400.00 ea
6" sewer lateral	S-4, S-5	\$2,400.00 ea
8" VCP/PVC sewer main	S-12	\$60.00 lf
10" VCP/PVC sewer main	S-12	\$68.00 lf
12" VCP/PVC sewer main	S-12	\$76.00 lf
15" VCP/PVC sewer main	S-13	\$103.00 lf
18" VCP/PVC sewer main	S-14	\$129.00 lf
8" DIP sewer main (poly-wrap detail)	S-15	\$60.00 lf
12" DIP sewer main (poly-wrap detail)	S-16	\$76.00 lf
Sewer manhole - 4' diameter	S-1	\$4,315.00 ea
Sewer drop manhole - 4' diameter	S-2, S-3	\$5,125.00 ea
Sewer manole - 5' diameter	S-1	\$6,500.00 ea
Adjust manhole rim to grade	S-1	\$725.00 ea
Sewer clean-out	S-7, S-8	\$1,360.00 ea
Remove existing sewer clean-out		\$450.00 ea
Sewer encasement	S-11	\$32.00 lf
Concrete anchor		\$930.00 ea
Concrete protective slab		\$18.00 lf
Re-channel existing manhole	S-1	\$1,500.00 ea
8" stub & plug		\$200.00 ea