

Bid Analysis

Proj. Name: Walnut Ranch Subdivision Units I, II, and III
Proj. No: 23-103
Date: 5/21/2024



California Engineering Company, Inc.
1110 Civic Center Blvd., Suite 404
Yuba City, CA 95993
(530) 751-0952

WALNUT RANCH SUBDIVISION UNITS I, II & III
SANITARY SEWER IMPROVEMENTS - BID ANALYSIS

Item	Description	Original Quantity	Unit	Unit Cost	Engineers Cost Estimate	R&R Horn Unit Cost	R&R Horn Total Cost	Flowline Unit Cost	Flowline Total Cost	Suulutaq Inc Unit Cost	Suulutaq Inc Total Cost	Stimpel-Wiebelhaus Unit Cost	Stimpel-Wiebelhaus Total Cost
	<u>SEWER IMPROVEMENTS</u>												
1	MOBILIZATION	1	LS	\$20,000.00	\$20,000.00	\$140,000.00	\$140,000.00	\$12,548.00	\$12,548.00	\$105,317.00	\$105,317.00	\$556,427.77	\$556,427.77
2	CONNECT TO EXISTING SEWER MANHOLE	3	EA	\$6,750.00	\$20,250.00	\$3,600.00	\$10,800.00	\$24,960.00	\$74,880.00	\$2,944.00	\$8,832.00	\$17,000.00	\$51,000.00
3	10" PVC SDR-35	1580	LF	\$325.00	\$513,500.00	\$196.00	\$309,680.00	\$223.00	\$352,340.00	\$251.00	\$396,580.00	\$715.00	\$1,129,700.00
4	10" PVC SDR-35 W/ TRENCH DEWATERING	1550	LF	\$487.50	\$755,625.00	\$269.00	\$416,950.00	\$313.00	\$485,150.00	\$276.00	\$427,800.00	\$1,000.00	\$1,550,000.00
5	8" PVC SDR-25	2210	LF	\$305.00	\$674,050.00	\$186.00	\$411,060.00	\$212.00	\$468,520.00	\$299.00	\$660,790.00	\$550.00	\$1,215,500.00
6	8" PVC SDR-25 W/ TRENCH DEWATERING	410	LF	\$457.50	\$187,575.00	\$256.00	\$104,960.00	\$303.00	\$124,230.00	\$307.00	\$125,870.00	\$800.00	\$328,000.00
7	48" MANHOLE	11	EA	\$12,750.00	\$140,250.00	\$18,700.00	\$205,700.00	\$26,005.00	\$286,055.00	\$22,790.00	\$250,690.00	\$30,000.00	\$330,000.00
8	48" MANHOLE W/ DEWATERING	9	EA	\$19,125.00	\$172,125.00	\$19,400.00	\$174,600.00	\$27,375.00	\$246,375.00	\$28,400.00	\$255,600.00	\$40,000.00	\$360,000.00
9	ABANDON HOUSE SEPTIC SYSTEM AND CONNECT TO EXISTING HOUSE SEWER LINE	72	EA	\$8,800.00	\$633,600.00	\$8,800.00	\$633,600.00	\$8,800.00	\$633,600.00	\$8,800.00	\$633,600.00	\$8,800.00	\$633,600.00
10	SEWER SERVICE LATERAL W/ CLEANOUT	73	EA	\$3,200.00	\$233,600.00	\$5,850.00	\$427,050.00	\$6,965.00	\$508,445.00	\$1,974.00	\$144,102.00	\$21,000.00	\$1,533,000.00
11	8" SEWER MAIN CLEAN-OUT	6	EA	\$3,600.00	\$21,600.00	\$2,000.00	\$12,000.00	\$4,493.00	\$26,958.00	\$4,246.00	\$25,476.00	\$10,000.00	\$60,000.00
12	SEWER IMPACT FEES	73	EA	\$8,500.00	\$620,500.00								
	SEWER LINE IMPROVEMENT SUBTOTAL				\$3,406,638.95		\$2,846,400.00		\$3,219,101.00		\$3,034,657.00		\$7,747,227.77

WATER LINE IMPROVEMENTS - BID ANALYSIS

Item	Description	Original Quantity	Unit	Unit Cost	Cost	R&R Horn Unit Cost	R&R Horn Total Cost	Flowline Unit Cost	Flowline Total Cost	Suulutaq Inc Unit Cost	Suulutaq Inc Total Cost	Stimpel-Wiebelhaus Unit Cost	Stimpel-Wiebelhaus Total Cost
	<u>WATER LINE IMPROVEMENTS</u>												
1	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$140,000.00	\$140,000.00	\$230,572.00	\$230,572.00	\$120,805.00	\$120,805.00	\$600,000.00	\$600,000.00
2	ABANDON EXISTING WATER SYSTEM INCLUDING LOT A	1	LS	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$177,924.00	\$177,924.00	\$62,131.00	\$62,131.00	\$200,000.00	\$200,000.00
3	CONNECT TO EXISTING WATER SYSTEM	2	EA	\$10,000.00	\$20,000.00	\$7,500.00	\$15,000.00	\$20,738.00	\$41,476.00	\$8,192.00	\$16,384.00	\$50,000.00	\$100,000.00
4	10" PVC C-900 PIPE	570	LF	\$165.00	\$94,050.00	\$152.00	\$86,640.00	\$183.00	\$104,310.00	\$218.00	\$124,260.00	\$400.00	\$228,000.00
5	8" PVC C-900 PIPE	5690	LF	\$145.00	\$825,052.00	\$145.00	\$825,050.00	\$162.00	\$921,780.00	\$225.00	\$1,280,250.00	\$375.00	\$2,133,750.00
6	8" PVC C-900 PIPE W/ TRENCH DEWATERING	420	LF	\$217.50	\$91,352.00	\$325.00	\$136,500.00	\$281.00	\$118,020.00	\$384.00	\$161,280.00	\$765.00	\$321,300.00
7	10" GATE VALVES	2	EA	\$3,500.00	\$7,000.00	\$5,700.00	\$11,400.00	\$4,784.00	\$9,568.00	\$6,872.00	\$13,744.00	\$16,000.00	\$32,000.00
8	8" GATE VALVES	24	EA	\$3,000.00	\$72,000.00	\$4,300.00	\$103,200.00	\$3,383.00	\$81,192.00	\$4,203.00	\$100,872.00	\$14,000.00	\$336,000.00
9	FIRE HYDRANTS & APPURTENANCES	20	EA	\$13,000.00	\$260,000.00	\$20,300.00	\$406,000.00	\$17,785.00	\$355,700.00	\$28,467.00	\$569,340.00	\$40,000.00	\$800,000.00
10	2" BLOW -OFF	8	EA	\$1,500.00	\$12,000.00	\$4,200.00	\$33,600.00	\$7,911.00	\$63,288.00	\$3,633.00	\$29,064.00	\$11,000.00	\$88,000.00

Proj. Name: Walnut Ranch Subdivision Units I, II, and III
Proj. No: 23-103
Date: 5/21/2024



California Engineering Company, Inc.
1110 Civic Center Blvd., Suite 404
Yuba City, CA 95993
(530) 751-0952

WALNUT RANCH SUBDIVISION UNITS I, II & III
SANITARY SEWER IMPROVEMENTS - BID ANALYSIS

Item	Description	Original Quantity	Unit	Unit Cost	Engineers Cost Estimate	R&R Horn Unit Cost	R&R Horn Total Cost	Flowline Unit Cost	Flowline Total Cost	Suulutaq Inc Unit Cost	Suulutaq Inc Total Cost	Stimpel-Wiebelhaus Unit Cost	Stimpel-Wiebelhaus Total Cost
11	1" WATER SERVICE, METER AND CONNECTION	73	EA	\$3,000.00	\$219,000.00	\$4,650.00	\$339,450.00	\$5,368.00	\$391,864.00	\$3,988.00	\$291,124.00	\$7,000.00	\$511,000.00
12	WATER SYSTEM TESTING	1	LS	\$11,000.00	\$11,000.00	\$10,000.00	\$10,000.00	\$18,344.00	\$18,344.00	\$21,369.00	\$21,369.00	\$85,000.00	\$85,000.00
13	AC EDGE GRINDING	100,000	SF	\$2.00	\$200,000.00	\$0.30	\$30,000.00	\$0.67	\$67,000.00	\$0.49	\$49,000.00	\$2.00	\$200,000.00
14	Waterline Trench Restoration Including Raising Utilities to Grade	6800	LF	\$20.00	\$136,000.00	\$19.00	\$129,200.00	\$10.18	\$69,224.00	\$2.50	\$17,000.00	\$50.00	\$340,000.00
15	PAVING FABRIC	8200	SY	\$18.00	\$147,600.00	\$3.90	\$31,980.00	\$5.75	\$47,150.00	\$4.20	\$34,440.00	\$10.00	\$82,000.00
16	AC OVERLAY PAVING	3300	TON	\$150.00	\$495,000.00	\$147.00	\$485,100.00	\$238.75	\$787,875.00	\$149.00	\$491,700.00	\$295.00	\$973,500.00
	WATER LINE IMPROVEMENTS SUBTOTAL				\$1,886,454.00		\$2,833,120.00		\$3,485,287.00		\$3,382,763.00		\$7,030,550.00
	GRAND TOTAL BOTH COSTS				\$5,293,092.95		\$5,679,520.00		\$6,704,388.00		\$6,417,420.00		\$14,777,777.77

SOFT COSTS	SEWER IMPACT FEES FROM STATE AGREEMENT	1	618801.00	618,801.00		
	SEWER CONSTRUCTION ADMIN CONTRACT AND SOFT COSTS					
	ALLOWANCE FROM STATE AGREEMENT	1	338875.00	338,875.00		
	SEWER CONTINGENCY FROM STATE AGREEMENT	1	376528.00	376,528.00	Low Bid Const	Diff Under/Over
CONST COST	SEWER CONSTRUCTION COST FROM STATE CONTRACT	1	3146480.00	3,146,480.00	2846400	300,080.00
	SEWER TOTAL PER STATE CONTRACT			4,480,684.00		
SOFT COSTS	WATER IMPACT FEES FROM STATE AGREEMENT	1	262605.00	262,605.00		
	WATER CONSTRUCTION ADMIN CONTRACT AND SOFT COSTS					
	ALLOWANCE FROM STATE AGREEMENT	1	175018.00	175,018.00		
	WATER CONTINGENCY FROM STATE AGREEMENT	1	275030.00	275,030.00		
	WATER DEL ORO SYSTEM PURCHASE	1	145700.00	145,700.00	Low Bid Const	Diff Under/Over
	WATER CONSTRUCTION COST FROM STATE CONTRACT	1	2487695.00	2,487,695.00	2833120	-345,425.00
	WATER TOTAL PER STATE CONTRACT			3,346,048.00		
TOTAL BOTH PROJECTS BUDGET				7,826,732.00		
TOTAL CONSTRUCTION ALLOCATION BOTH PROJECTS INCL CONT				6,285,733.00		