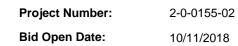
1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract

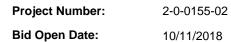


Page 1 of 10

			ļ	ENGINEER'S ESTIMATE		MAMCO, INC. dba ALAB	BASI	G.J. GENTRY GENERAL	ENGINEERING, INC.
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1	MOBILIZATION	L.S.	1	\$100,000.00	\$100,000.00	\$48,000.00	\$48,000.00	\$88,580.77	\$88,580.77
2	WATER CONTROL	L.S.	1	\$15,000.00	\$15,000.00	\$1.00	\$1.00	\$8,998.24	\$8,998.24
3	TRAFFIC CONTROL	L.S.	1	\$40,000.00	\$40,000.00	\$38,073.17	\$38,073.17	\$57,660.82	\$57,660.82
4	CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$30,000.00	\$30,000.00	\$28,000.00	\$28,000.00	\$5,758.83	\$5,758.83
5	TRENCH EXCAVATION	C.Y.	7905	\$15.00	\$118,575.00	\$19.00	\$150,195.00	\$14.31	\$113,120.55
6	ASPHALT CONCRETE EXCAVATION	C.Y.	143	\$15.00	\$2,145.00	\$69.00	\$9,867.00	\$68.41	\$9,782.63
7	BACKFILL	C.Y.	4605	\$15.00	\$69,075.00	\$17.00	\$78,285.00	\$12.44	\$57,286.20
8	CONTROLLED LOW STRENGTH	C.Y.	1287	\$90.00	\$115,830.00	\$145.00	\$186,615.00	\$117.60	\$151,351.20
9	MATERIAL (CLSM) ROCK EXCAVATION (TRENCH)	C.Y.	3953	\$25.00	\$98,825.00	\$19.00	\$75,107.00	\$76.32	\$301,692.96
10	STREET PAVEMENT EXCAVATION	C.Y.	1139	\$15.00	\$17,085.00	\$35.00	\$39,865.00	\$45.74	\$52,097.86
11	EQUESTRIAN TRAIL MATERIAL	C.Y.	9	\$120.00	\$1,080.00	\$250.00	\$2,250.00	\$275.97	\$2,483.73
12	FILTER MATERIAL	C.Y.	239	\$45.00	\$10,755.00	\$42.00	\$10,038.00	\$60.86	\$14,545.54
13	TRENCH SAFETY SYSTEM	L.S.	1	\$40,000.00	\$40,000.00	\$66,000.00	\$66,000.00	\$15,780.00	\$15,780.00
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	127	\$950.00	\$120,650.00	\$810.00	\$102,870.00	\$1,049.98	\$133,347.46
15	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	59	\$700.00	\$41,300.00	\$465.00	\$27,435.00	\$554.19	\$32,697.21
16	TRANSITION STRUCTURE NO. 3	EACH	1	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$6,036.54	\$6,036.54
17	JUNCTION STRUCTURE NO. 2	EACH	10	\$3,500.00	\$35,000.00	\$1,250.00	\$12,500.00	\$3,764.26	\$37,642.60
18	MANHOLE NO. 1	EACH	6	\$5,500.00	\$33,000.00	\$5,000.00	\$30,000.00	\$3,382.10	\$20,292.60
19	PRESSURE MANHOLE NO. 1	EACH	3	\$6,500.00	\$19,500.00	\$5,000.00	\$15,000.00	\$2,824.61	\$8,473.83
20	PRESSURE MANHOLE NO. 4	EACH	4	\$8,500.00	\$34,000.00	\$7,000.00	\$28,000.00	\$4,146.09	\$16,584.36
21	18" RCP	L.F.	154	\$90.00	\$13,860.00	\$65.00	\$10,010.00	\$91.39	\$14,074.06
22	24" RCP	L.F.	172	\$100.00	\$17,200.00	\$72.00	\$12,384.00	\$84.41	\$14,518.52
23	30" RCP	L.F.	1675	\$110.00	\$184,250.00	\$74.00	\$123,950.00	\$113.64	\$190,347.00
24	36" RCP	L.F.	492	\$145.00	\$71,340.00	\$88.00	\$43,296.00	\$114.98	\$56,570.16
25	42" RCP	L.F.	478	\$160.00	\$76,480.00	\$123.00	\$58,794.00	\$109.05	\$52,125.90
			I		I			I Contraction of the second seco	

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract

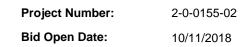


Page 2 of 10

			E	ENGINEER'S ESTIMATE		MAMCO, INC. dba ALAB	BASI	G.J. GENTRY GENERAL	ENGINEERING, INC.
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
26	54" RCP	L.F.	502	\$220.00	\$110,440.00	\$178.00	\$89,356.00	\$177.29	\$88,999.58
27	AGGREGATE BASE, CLASS 2	C.Y.	1046	\$65.00	\$67,990.00	\$44.00	\$46,024.00	\$56.03	\$58,607.38
28	HOT MIX ASPHALT	TONS	1603	\$110.00	\$176,330.00	\$142.00	\$227,626.00	\$120.00	\$192,360.00
29	TEMPORARY RESURFACING	TONS	240	\$100.00	\$24,000.00	\$100.00	\$24,000.00	\$168.92	\$40,540.80
30	4.5-FOOT CHAIN LINK FENCE	L.F.	64	\$25.00	\$1,600.00	\$60.00	\$3,840.00	\$31.20	\$1,996.80
31	TEMPORARY FENCING	L.F.	240	\$20.00	\$4,800.00	\$16.00	\$3,840.00	\$4.00	\$960.00
32	CABLE RAILING	L.F.	111	\$40.00	\$4,440.00	\$66.00	\$7,326.00	\$102.00	\$11,322.00
33	TRAIL FENCING	L.F.	64	\$20.00	\$1,280.00	\$52.00	\$3,328.00	\$55.20	\$3,532.80
34	14-FOOT DOUBLE DRIVE GATE	EACH	1	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$6,066.30	\$6,066.30
35	MISCELLANEOUS IRON AND STEEL	LBS.	21610	\$2.50	\$54,025.00	\$2.00	\$43,220.00	\$0.58	\$12,533.80
36	REMODEL 4-INCH VITRIFIED CLAY PIPE (VCP) HOUSE CONNECTION	L.F.	185	\$215.00	\$39,775.00	\$85.00	\$15,725.00	\$81.80	\$15,133.00
37	MIDWEST GUARDRAIL SYSTEM	L.F.	126	\$75.00	\$9,450.00	\$80.00	\$10,080.00	\$42.00	\$5,292.00
38	EXTRA DIRECTED WORK	L.S.	1	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00
39	DROP INLET REMOVAL	L.S.	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,276.30	\$1,276.30
40	ADDITIONAL PAVEMENT AREA 1	S.F.	7954	\$1.40	\$11,135.60	\$0.90	\$7,158.60	\$4.74	\$37,701.96
41	ADDITIONAL PAVEMENT AREA 2	S.F.	16148	\$4.00	\$64,592.00	\$3.50	\$56,518.00	\$3.90	\$62,977.20
42	REMOVE EXISTING STORM DRAIN AND STRUCTURES	L.F.	570	\$15.00	\$8,550.00	\$30.00	\$17,100.00	\$31.86	\$18,160.20
43	DUST ABATEMENT	L.S.	1	\$25,000.00	\$25,000.00	\$113,000.00	\$113,000.00	\$26,352.86	\$26,352.86
44	STORMWATER AND NON-	L.S.	1	\$15,000.00	\$15,000.00	\$21,000.00	\$21,000.00	\$5,854.83	\$5,854.83
45	STORMWATER POLLUTION CONTROL NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$10,000.00	\$10,000.00	\$1.00	\$1.00	\$20,181.60	\$20,181.60
					\$2,101,857.60		\$2,057,777.77		\$2,231,698.98

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract

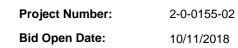
Page 3 of 10

WEKA, INC.						GWINCO CONSTR ENGINEERING, INC.	UCTION &	C.P. CONSTRUCTION C	D., INC.
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1	MOBILIZATION	L.S.	1	\$115,000.00	\$115,000.00	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00
2	WATER CONTROL	L.S.	1	\$2,500.00	\$2,500.00	\$7,500.00	\$7,500.00	\$20,000.00	\$20,000.00
3	TRAFFIC CONTROL	L.S.	1	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
4	CLEARING AND MISCELLANEOUS	L.S.	1	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
5	WORK TRENCH EXCAVATION	C.Y.	7905	\$8.00	\$63,240.00	\$10.00	\$79,050.00	\$11.00	\$86,955.00
6	ASPHALT CONCRETE EXCAVATION	C.Y.	143	\$60.00	\$8,580.00	\$70.00	\$10,010.00	\$2.00	\$286.00
7	BACKFILL	C.Y.	4605	\$8.00	\$36,840.00	\$10.00	\$46,050.00	\$20.00	\$92,100.00
8	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	1287	\$148.00	\$190,476.00	\$120.00	\$154,440.00	\$145.00	\$186,615.00
9	ROCK EXCAVATION (TRENCH)	C.Y.	3953	\$1.00	\$3,953.00	\$10.00	\$39,530.00	\$55.00	\$217,415.00
10	STREET PAVEMENT EXCAVATION	C.Y.	1139	\$35.00	\$39,865.00	\$55.00	\$62,645.00	\$59.00	\$67,201.00
11	EQUESTRIAN TRAIL MATERIAL	C.Y.	9	\$125.00	\$1,125.00	\$100.00	\$900.00	\$60.00	\$540.00
12	FILTER MATERIAL	C.Y.	239	\$52.00	\$12,428.00	\$25.00	\$5,975.00	\$90.00	\$21,510.00
13	TRENCH SAFETY SYSTEM	L.S.	1	\$34,730.00	\$34,730.00	\$60,000.00	\$60,000.00	\$145,000.00	\$145,000.00
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	127	\$1,700.00	\$215,900.00	\$1,375.00	\$174,625.00	\$1,050.00	\$133,350.00
15	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	59	\$1,350.00	\$79,650.00	\$795.00	\$46,905.00	\$550.00	\$32,450.00
16	TRANSITION STRUCTURE NO. 3	EACH	1	\$10,000.00	\$10,000.00	\$9,700.00	\$9,700.00	\$6,500.00	\$6,500.00
17	JUNCTION STRUCTURE NO. 2	EACH	10	\$4,800.00	\$48,000.00	\$3,500.00	\$35,000.00	\$2,000.00	\$20,000.00
18	MANHOLE NO. 1	EACH	6	\$6,700.00	\$40,200.00	\$6,000.00	\$36,000.00	\$4,950.00	\$29,700.00
19	PRESSURE MANHOLE NO. 1	EACH	3	\$14,000.00	\$42,000.00	\$8,700.00	\$26,100.00	\$7,000.00	\$21,000.00
20	PRESSURE MANHOLE NO. 4	EACH	4	\$16,000.00	\$64,000.00	\$9,000.00	\$36,000.00	\$9,500.00	\$38,000.00
21	18" RCP	L.F.	154	\$275.00	\$42,350.00	\$300.00	\$46,200.00	\$145.00	\$22,330.00
22	24" RCP	L.F.	172	\$195.00	\$33,540.00	\$350.00	\$60,200.00	\$175.00	\$30,100.00
23	30" RCP	L.F.	1675	\$176.00	\$294,800.00	\$230.00	\$385,250.00	\$195.00	\$326,625.00
24	36" RCP	L.F.	492	\$196.00	\$96,432.00	\$250.00	\$123,000.00	\$195.00	\$95,940.00
25	42" RCP	L.F.	478	\$226.00	\$108,028.00	\$280.00	\$133,840.00	\$195.00	\$93,210.00
			I		I			I	



1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



NSERVAL

Page 4 of 10

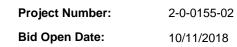
		WEKA, INC.					GWINCO CONSTRUCTION &		C.P. CONSTRUCTION CO., INC.	
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	ENGINEERING, INC. Unit Bid	Total Bid	Unit Bid	Total Bid	
26	54" RCP	L.F.	502	\$251.00	\$126,002.00	\$320.00	\$160,640.00	\$237.00	\$118,974.00	
27	AGGREGATE BASE, CLASS 2	C.Y.	1046	\$62.00	\$64,852.00	\$55.00	\$57,530.00	\$120.00	\$125,520.00	
28	HOT MIX ASPHALT	TONS	1603	\$110.00	\$176,330.00	\$83.00	\$133,049.00	\$115.00	\$184,345.00	
29	TEMPORARY RESURFACING	TONS	240	\$125.00	\$30,000.00	\$100.00	\$24,000.00	\$125.00	\$30,000.00	
30	4.5-FOOT CHAIN LINK FENCE	L.F.	64	\$50.00	\$3,200.00	\$60.00	\$3,840.00	\$70.00	\$4,480.00	
31	TEMPORARY FENCING	L.F.	240	\$8.00	\$1,920.00	\$20.00	\$4,800.00	\$20.00	\$4,800.00	
32	CABLE RAILING	L.F.	111	\$112.00	\$12,432.00	\$65.00	\$7,215.00	\$65.00	\$7,215.00	
33	TRAIL FENCING	L.F.	64	\$70.00	\$4,480.00	\$55.00	\$3,520.00	\$35.00	\$2,240.00	
34	14-FOOT DOUBLE DRIVE GATE	EACH	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	
35	MISCELLANEOUS IRON AND STEEL	LBS.	21610	\$2.00	\$43,220.00	\$2.00	\$43,220.00	\$2.00	\$43,220.00	
36	REMODEL 4-INCH VITRIFIED CLAY	L.F.	185	\$75.00	\$13,875.00	\$50.00	\$9,250.00	\$125.00	\$23,125.00	
37	PIPE (VCP) HOUSE CONNECTION MIDWEST GUARDRAIL SYSTEM	L.F.	126	\$70.00	\$8,820.00	\$80.00	\$10,080.00	\$85.00	\$10,710.00	
38	EXTRA DIRECTED WORK	L.S.	1	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	
39	DROP INLET REMOVAL	L.S.	1	\$2,600.00	\$2,600.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00	
40	ADDITIONAL PAVEMENT AREA 1	S.F.	7954	\$1.50	\$11,931.00	\$3.00	\$23,862.00	\$3.50	\$27,839.00	
41	ADDITIONAL PAVEMENT AREA 2	S.F.	16148	\$4.50	\$72,666.00	\$6.00	\$96,888.00	\$7.00	\$113,036.00	
42	REMOVE EXISTING STORM DRAIN	L.F.	570	\$20.00	\$11,400.00	\$100.00	\$57,000.00	\$45.00	\$25,650.00	
43	AND STRUCTURES DUST ABATEMENT	L.S.	1	\$27,000.00	\$27,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	
44	STORMWATER AND NON-	L.S.	1	\$4,828.00	\$4,828.00	\$8,500.00	\$8,500.00	\$30,000.00	\$30,000.00	
45	STORMWATER POLLUTION CONTROL NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$250.00	\$250.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	
					\$2,374,943.00		\$2,494,314.00		\$2,787,981.00	



Bid Abstract

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract

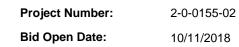


Page 5 of 10

		WILLIAM BONADIMAN			UTAH PACIFIC CONSTR	UCTION CO.	BOUDREAU PIPELINE CORPORATION		
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1	MOBILIZATION	L.S.	1	\$65,000.00	\$65,000.00	\$125,000.00	\$125,000.00	\$117,000.00	\$117,000.00
2	WATER CONTROL	L.S.	1	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
3	TRAFFIC CONTROL	L.S.	1	\$20,000.00	\$20,000.00	\$60,000.00	\$60,000.00	\$42,000.00	\$42,000.00
4	CLEARING AND MISCELLANEOUS	L.S.	1	\$25,000.00	\$25,000.00	\$22,000.00	\$22,000.00	\$69,000.00	\$69,000.00
5	WORK TRENCH EXCAVATION	C.Y.	7905	\$20.00	\$158,100.00	\$60.00	\$474,300.00	\$25.00	\$197,625.00
6	ASPHALT CONCRETE EXCAVATION	C.Y.	143	\$45.00	\$6,435.00	\$75.00	\$10,725.00	\$51.00	\$7,293.00
7	BACKFILL	C.Y.	4605	\$20.00	\$92,100.00	\$33.00	\$151,965.00	\$29.00	\$133,545.00
8	CONTROLLED LOW STRENGTH	C.Y.	1287	\$90.00	\$115,830.00	\$135.00	\$173,745.00	\$123.00	\$158,301.00
9	MATERIAL (CLSM) ROCK EXCAVATION (TRENCH)	C.Y.	3953	\$25.00	\$98,825.00	\$22.00	\$86,966.00	\$70.00	\$276,710.00
10	STREET PAVEMENT EXCAVATION	C.Y.	1139	\$45.00	\$51,255.00	\$53.00	\$60,367.00	\$53.00	\$60,367.00
11	EQUESTRIAN TRAIL MATERIAL	C.Y.	9	\$500.00	\$4,500.00	\$135.00	\$1,215.00	\$865.00	\$7,785.00
12	FILTER MATERIAL	C.Y.	239	\$60.00	\$14,340.00	\$40.00	\$9,560.00	\$49.00	\$11,711.00
13	TRENCH SAFETY SYSTEM	L.S.	1	\$530,000.00	\$530,000.00	\$40,000.00	\$40,000.00	\$38,000.00	\$38,000.00
14	CLASS "A" CONCRETE, MINOR	C.Y.	127	\$800.00	\$101,600.00	\$1,600.00	\$203,200.00	\$1,154.00	\$146,558.00
15	STRUCTURES CLASS "B" CONCRETE,	C.Y.	59	\$600.00	\$35,400.00	\$1,200.00	\$70,800.00	\$1,040.00	\$61,360.00
16	MISCELLANEOUS TRANSITION STRUCTURE NO. 3	EACH	1	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00	\$12,600.00	\$12,600.00
17	JUNCTION STRUCTURE NO. 2	EACH	10	\$5,000.00	\$50,000.00	\$3,000.00	\$30,000.00	\$5,960.00	\$59,600.00
18	MANHOLE NO. 1	EACH	6	\$6,000.00	\$36,000.00	\$5,500.00	\$33,000.00	\$9,100.00	\$54,600.00
19	PRESSURE MANHOLE NO. 1	EACH	3	\$9,000.00	\$27,000.00	\$12,000.00	\$36,000.00	\$12,800.00	\$38,400.00
20	PRESSURE MANHOLE NO. 4	EACH	4	\$9,000.00	\$36,000.00	\$13,000.00	\$52,000.00	\$14,500.00	\$58,000.00
21	18" RCP	L.F.	154	\$165.00	\$25,410.00	\$82.00	\$12,628.00	\$92.00	\$14,168.00
22	24" RCP	L.F.	172	\$175.00	\$30,100.00	\$92.00	\$15,824.00	\$102.00	\$17,544.00
23	30" RCP	L.F.	1675	\$190.00	\$318,250.00	\$114.00	\$190,950.00	\$118.00	\$197,650.00
24	36" RCP	L.F.	492	\$210.00	\$103,320.00	\$130.00	\$63,960.00	\$135.00	\$66,420.00
25	42" RCP	L.F.	478	\$235.00	\$112,330.00	\$161.00	\$76,958.00	\$163.00	\$77,914.00
			I					l	

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract

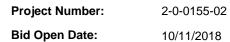


Page 6 of 10

			١	WILLIAM BONADIMAN		UTAH PACIFIC CONSTR	UCTION CO.	BOUDREAU PIPELINE C	ORPORATION
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
26	54" RCP	L.F.	502	\$300.00	\$150,600.00	\$210.00	\$105,420.00	\$215.00	\$107,930.00
27	AGGREGATE BASE, CLASS 2	C.Y.	1046	\$45.00	\$47,070.00	\$70.00	\$73,220.00	\$79.00	\$82,634.00
28	HOT MIX ASPHALT	TONS	1603	\$85.00	\$136,255.00	\$115.00	\$184,345.00	\$130.00	\$208,390.00
29	TEMPORARY RESURFACING	TONS	240	\$120.00	\$28,800.00	\$110.00	\$26,400.00	\$195.00	\$46,800.00
30	4.5-FOOT CHAIN LINK FENCE	L.F.	64	\$100.00	\$6,400.00	\$25.00	\$1,600.00	\$57.00	\$3,648.00
31	TEMPORARY FENCING	L.F.	240	\$20.00	\$4,800.00	\$10.00	\$2,400.00	\$15.60	\$3,744.00
32	CABLE RAILING	L.F.	111	\$25.00	\$2,775.00	\$105.00	\$11,655.00	\$64.00	\$7,104.00
33	TRAIL FENCING	L.F.	64	\$80.00	\$5,120.00	\$50.00	\$3,200.00	\$51.00	\$3,264.00
34	14-FOOT DOUBLE DRIVE GATE	EACH	1	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00	\$1,060.00	\$1,060.00
35	MISCELLANEOUS IRON AND STEEL	LBS.	21610	\$2.00	\$43,220.00	\$2.00	\$43,220.00	\$1.50	\$32,415.00
36	REMODEL 4-INCH VITRIFIED CLAY PIPE (VCP) HOUSE CONNECTION	L.F.	185	\$120.00	\$22,200.00	\$25.00	\$4,625.00	\$234.00	\$43,290.00
37	MIDWEST GUARDRAIL SYSTEM	L.F.	126	\$200.00	\$25,200.00	\$210.00	\$26,460.00	\$75.00	\$9,450.00
38	EXTRA DIRECTED WORK	L.S.	1	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00
39	DROP INLET REMOVAL	L.S.	1	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$5,950.00	\$5,950.00
40	ADDITIONAL PAVEMENT AREA 1	S.F.	7954	\$1.30	\$10,340.20	\$3.00	\$23,862.00	\$3.00	\$23,862.00
41	ADDITIONAL PAVEMENT AREA 2	S.F.	16148	\$1.30	\$20,992.40	\$5.75	\$92,851.00	\$6.00	\$96,888.00
42	REMOVE EXISTING STORM DRAIN AND STRUCTURES	L.F.	570	\$110.00	\$62,700.00	\$50.00	\$28,500.00	\$35.00	\$19,950.00
43	DUST ABATEMENT	L.S.	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$14,700.00	\$14,700.00
44	STORMWATER AND NON-	L.S.	1	\$1,000.00	\$1,000.00	\$6,500.00	\$6,500.00	\$45,000.00	\$45,000.00
45	STORMWATER POLLUTION CONTROL NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
					\$2,826,267.60		\$2,828,421.00		\$2,853,730.00

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract

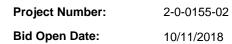


Page 7 of 10

BERT W. SALAS, INC.						DDH APPLE VALLEY CO	,	KEC ENGINEERING	
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	INC. dba APPLE VALL Unit Bid	Total Bid	Unit Bid	Total Bid
1	MOBILIZATION	L.S.	1	\$280,000.00	\$280,000.00	\$121,300.00	\$121,300.00	\$50,000.00	\$50,000.00
2	WATER CONTROL	L.S.	1	\$5,375.00	\$5,375.00	\$25,200.00	\$25,200.00	\$10,000.00	\$10,000.00
3	TRAFFIC CONTROL	L.S.	1	\$65,165.00	\$65,165.00	\$42,500.00	\$42,500.00	\$40,000.00	\$40,000.00
4	CLEARING AND MISCELLANEOUS	L.S.	1	\$74,000.00	\$74,000.00	\$26,700.00	\$26,700.00	\$20,000.00	\$20,000.00
5	WORK TRENCH EXCAVATION	C.Y.	7905	\$22.50	\$177,862.50	\$5.96	\$47,113.80	\$34.00	\$268,770.00
6	ASPHALT CONCRETE EXCAVATION	C.Y.	143	\$57.00	\$8,151.00	\$143.70	\$20,549.10	\$1,100.00	\$157,300.00
7	BACKFILL	C.Y.	4605	\$21.00	\$96,705.00	\$24.00	\$110,520.00	\$46.00	\$211,830.00
8	CONTROLLED LOW STRENGTH	C.Y.	1287	\$150.00	\$193,050.00	\$104.00	\$133,848.00	\$209.00	\$268,983.00
9	MATERIAL (CLSM) ROCK EXCAVATION (TRENCH)	C.Y.	3953	\$54.50	\$215,438.50	\$50.40	\$199,231.20	\$78.00	\$308,334.00
10	STREET PAVEMENT EXCAVATION	C.Y.	1139	\$54.50	\$62,075.50	\$53.30	\$60,708.70	\$97.00	\$110,483.00
11	EQUESTRIAN TRAIL MATERIAL	C.Y.	9	\$365.00	\$3,285.00	\$363.00	\$3,267.00	\$1,650.00	\$14,850.00
12	FILTER MATERIAL	C.Y.	239	\$72.00	\$17,208.00	\$48.30	\$11,543.70	\$39.00	\$9,321.00
13	TRENCH SAFETY SYSTEM	L.S.	1	\$28,000.00	\$28,000.00	\$91,300.00	\$91,300.00	\$100,000.00	\$100,000.00
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	127	\$2,180.00	\$276,860.00	\$1,510.00	\$191,770.00	\$2,240.00	\$284,480.00
15	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	59	\$1,425.00	\$84,075.00	\$2,196.00	\$129,564.00	\$1,250.00	\$73,750.00
16	TRANSITION STRUCTURE NO. 3	EACH	1	\$12,850.00	\$12,850.00	\$14,950.00	\$14,950.00	\$14,000.00	\$14,000.00
17	JUNCTION STRUCTURE NO. 2	EACH	10	\$3,780.00	\$37,800.00	\$2,470.00	\$24,700.00	\$4,000.00	\$40,000.00
18	MANHOLE NO. 1	EACH	6	\$7,530.00	\$45,180.00	\$8,450.00	\$50,700.00	\$7,000.00	\$42,000.00
19	PRESSURE MANHOLE NO. 1	EACH	3	\$7,710.00	\$23,130.00	\$11,050.00	\$33,150.00	\$11,500.00	\$34,500.00
20	PRESSURE MANHOLE NO. 4	EACH	4	\$12,695.00	\$50,780.00	\$12,830.00	\$51,320.00	\$14,000.00	\$56,000.00
21	18" RCP	L.F.	154	\$76.50	\$11,781.00	\$533.00	\$82,082.00	\$149.00	\$22,946.00
22	24" RCP	L.F.	172	\$89.00	\$15,308.00	\$306.00	\$52,632.00	\$133.00	\$22,876.00
23	30" RCP	L.F.	1675	\$54.00	\$90,450.00	\$261.00	\$437,175.00	\$127.00	\$212,725.00
24	36" RCP	L.F.	492	\$76.00	\$37,392.00	\$293.00	\$144,156.00	\$149.00	\$73,308.00
25	42" RCP	L.F.	478	\$100.00	\$47,800.00	\$320.00	\$152,960.00	\$184.00	\$87,952.00
			I		I			I	

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1



Bid Abstract



Page 8 of 10									
CONSTRUCTION,	KEC ENGINEERING								

. . .

BERT W. SALAS, INC.								KEC ENGINEERING	
ltem	No. & Description	Unit	Quantity	Unit Bid	Total Bid	INC. dba APPLE VA Unit Bid	Total Bid	Unit Bid	Total Bid
26	54" RCP	L.F.	502	\$122.50	\$61,495.00	\$342.00	\$171,684.00	\$230.00	\$115,460.00
27	AGGREGATE BASE, CLASS 2	C.Y.	1046	\$63.50	\$66,421.00	\$69.90	\$73,115.40	\$97.00	\$101,462.00
28	HOT MIX ASPHALT	TONS	1603	\$115.00	\$184,345.00	\$125.70	\$201,497.10	\$180.00	\$288,540.00
29	TEMPORARY RESURFACING	TONS	240	\$184.00	\$44,160.00	\$177.00	\$42,480.00	\$270.00	\$64,800.00
30	4.5-FOOT CHAIN LINK FENCE	L.F.	64	\$38.00	\$2,432.00	\$56.00	\$3,584.00	\$67.00	\$4,288.00
31	TEMPORARY FENCING	L.F.	240	\$4.50	\$1,080.00	\$15.20	\$3,648.00	\$21.80	\$5,232.00
32	CABLE RAILING	L.F.	111	\$124.00	\$13,764.00	\$62.50	\$6,937.50	\$75.30	\$8,358.30
33	TRAIL FENCING	L.F.	64	\$27.00	\$1,728.00	\$49.00	\$3,136.00	\$59.20	\$3,788.80
34	14-FOOT DOUBLE DRIVE GATE	EACH	1	\$3,780.00	\$3,780.00	\$1,034.00	\$1,034.00	\$1,250.00	\$1,250.00
35	MISCELLANEOUS IRON AND STEEL	LBS.	21610	\$3.30	\$71,313.00	\$1.36	\$29,389.60	\$3.10	\$66,991.00
36	REMODEL 4-INCH VITRIFIED CLAY	L.F.	185	\$143.00	\$26,455.00	\$251.00	\$46,435.00	\$219.00	\$40,515.00
37	PIPE (VCP) HOUSE CONNECTION MIDWEST GUARDRAIL SYSTEM	L.F.	126	\$49.00	\$6,174.00	\$96.00	\$12,096.00	\$101.50	\$12,789.00
38	EXTRA DIRECTED WORK	L.S.	1	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00	\$160,000.00
39	DROP INLET REMOVAL	L.S.	1	\$9,244.00	\$9,244.00	\$15,340.00	\$15,340.00	\$11,500.00	\$11,500.00
40	ADDITIONAL PAVEMENT AREA 1	S.F.	7954	\$2.50	\$19,885.00	\$2.76	\$21,953.04	\$3.50	\$27,839.00
41	ADDITIONAL PAVEMENT AREA 2	S.F.	16148	\$4.25	\$68,629.00	\$5.90	\$95,273.20	\$7.40	\$119,495.20
42	REMOVE EXISTING STORM DRAIN	L.F.	570	\$67.50	\$38,475.00	\$65.50	\$37,335.00	\$69.00	\$39,330.00
43	AND STRUCTURES DUST ABATEMENT	L.S.	1	\$64,215.00	\$64,215.00	\$14,360.00	\$14,360.00	\$28,500.00	\$28,500.00
44	STORMWATER AND NON-	L.S.	1	\$43,975.00	\$43,975.00	\$13,860.00	\$13,860.00	\$12,200.00	\$12,200.00
45	STORMWATER POLLUTION CONTROL NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$17,300.00	\$17,300.00	\$13,400.00	\$13,400.00	\$7,300.00	\$7,300.00
					\$2,864,591.50		\$3,225,498.34		\$3,654,046.30

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1

Project Number: 2-0-0155-02 Bid Open Date: 10/11/2018

Page 9 of 10

ltem	No. & Description	Unit	Quantity	FERREIRA CONSTRUCTI dba FERREIRA COASTA Unit Bid		Unit Bid	Total Bid	Unit Bid	Total Bid
1	MOBILIZATION	L.S.	1	\$165,300.00	\$165,300.00				
2	WATER CONTROL	L.S.	1	\$21,100.00	\$21,100.00				
3	TRAFFIC CONTROL	L.S.	1	\$47,700.00	\$47,700.00				
4	CLEARING AND MISCELLANEOUS	L.S.	1	\$38,050.00	\$38,050.00				
5	WORK TRENCH EXCAVATION	C.Y.	7905	\$20.00	\$158,100.00				
6	ASPHALT CONCRETE EXCAVATION	C.Y.	143	\$119.53	\$17,092.79				
7	BACKFILL	C.Y.	4605	\$8.20	\$37,761.00				
8	CONTROLLED LOW STRENGTH	C.Y.	1287	\$147.00	\$189,189.00				
9	MATERIAL (CLSM) ROCK EXCAVATION (TRENCH)	C.Y.	3953	\$261.00	\$1,031,733.00				
10	STREET PAVEMENT EXCAVATION	C.Y.	1139	\$0.29	\$330.31				
11	EQUESTRIAN TRAIL MATERIAL	C.Y.	9	\$527.00	\$4,743.00				
12	FILTER MATERIAL	C.Y.	239	\$59.00	\$14,101.00				
13	TRENCH SAFETY SYSTEM	L.S.	1	\$36,700.00	\$36,700.00				
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	127	\$1,613.00	\$204,851.00				
15	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	59	\$594.00	\$35,046.00				
16	TRANSITION STRUCTURE NO. 3	EACH	1	\$21,501.00	\$21,501.00				
17	JUNCTION STRUCTURE NO. 2	EACH	10	\$6,548.00	\$65,480.00				
18	MANHOLE NO. 1	EACH	6	\$16,184.00	\$97,104.00				
19	PRESSURE MANHOLE NO. 1	EACH	3	\$22,158.00	\$66,474.00				
20	PRESSURE MANHOLE NO. 4	EACH	4	\$24,205.00	\$96,820.00				
21	18" RCP	L.F.	154	\$198.00	\$30,492.00				
22	24" RCP	L.F.	172	\$222.00	\$38,184.00				
23	30" RCP	L.F.	1675	\$242.00	\$405,350.00				
24	36" RCP	L.F.	492	\$264.00	\$129,888.00				

\$300.00

\$143,400.00



Bid Abstract

42" RCP

25

L.F.

478

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

Project Name: NORCO MDP LINE NA-1, STAGE 2 AND LATERAL NA-1A, STAGE 1

Project Number:	2-0-0155-02
Bid Open Date:	10/11/2018

Page 10 of 10

	ATER
	P
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

RIVERS,

Item No. & Description Unit		Quantity	FERREIRA CONSTRUCTI dba FERREIRA COASTA Unit Bid		Unit Bid	Total Bid	Unit Bid	Total Bid	
Item No. & Description		Unit	Quantity	Unit Bla	i otal Bid	υπιτ Βια	i otai Bid	υπιτ Βία	Total Bid
26	54" RCP	L.F.	502	\$364.00	\$182,728.00				
27	AGGREGATE BASE, CLASS 2	C.Y.	1046	\$58.00	\$60,668.00				
28	HOT MIX ASPHALT	TONS	1603	\$105.00	\$168,315.00				
29	TEMPORARY RESURFACING	TONS	240	\$124.00	\$29,760.00				
30	4.5-FOOT CHAIN LINK FENCE	L.F.	64	\$106.00	\$6,784.00				
31	TEMPORARY FENCING	L.F.	240	\$27.00	\$6,480.00				
32	CABLE RAILING	L.F.	111	\$82.00	\$9,102.00				
33	TRAIL FENCING	L.F.	64	\$55.00	\$3,520.00				
34	14-FOOT DOUBLE DRIVE GATE	EACH	1	\$1,281.00	\$1,281.00				
35	MISCELLANEOUS IRON AND STEEL	LBS.	21610	\$2.50	\$54,025.00				
36	REMODEL 4-INCH VITRIFIED CLAY	L.F.	185	\$161.00	\$29,785.00				
37	PIPE (VCP) HOUSE CONNECTION MIDWEST GUARDRAIL SYSTEM	L.F.	126	\$76.00	\$9,576.00				
38	EXTRA DIRECTED WORK	L.S.	1	\$160,000.00	\$160,000.00				
39	DROP INLET REMOVAL	L.S.	1	\$3,909.00	\$3,909.00				
40	ADDITIONAL PAVEMENT AREA 1	S.F.	7954	\$1.35	\$10,737.90				
41	ADDITIONAL PAVEMENT AREA 2	S.F.	16148	\$1.35	\$21,799.80				
42	REMOVE EXISTING STORM DRAIN	L.F.	570	\$113.00	\$64,410.00				
43	AND STRUCTURES DUST ABATEMENT	L.S.	1	\$11,300.00	\$11,300.00				
44	STORMWATER AND NON-	L.S.	1	\$6,500.00	\$6,500.00				
45	STORMWATER POLLUTION CONTROL NON-STORMWATER DISCHARGE OR DEWATERING		1	\$10,000.00	\$10,000.00				
					\$3,947,170.80				



Bid Abstract