

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT: Replacement of Hamner Avenue Bridge Over Santa Ana River**  
 Between Detroit Street and Citrus Street; In the City of Norco  
 Project No. B7-0754; Federal Aid No. – BRLS 5956 (230); and  
**Hamner Avenue Widening Project**  
 From Schleisman Street to Citrus Street and From Detroit Street to Sixth Street  
 In the Cities of Norco and Eastvale  
 Project No. C9-0019

**Advertised: August 25, 2020 (Agenda Item: 3.65)**

**Addenda:** 1 (8/25/2020), 2 (9/4/2020), 3 (9/8/2020), 4 (9/11/2020), 5 (9/17/2020), 6 (9/24/2020), 7 (10/1/2020), 8 (10/6/2020)

**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

	Company Name	BASE BID SCHEDULE 1 HAMNER AVENUE BRIDGE REPLACEMENT PROJECT	ALTERNATIVE BID SCHEDULE 1 CITY OF NORCO BRIDGE CROSSING WATER LINE REPLACEMENT	ALTERNATIVE BID SCHEDULE 2 HAMNER AVENUE WIDENING PROJECT	Project Total
	<b>COUNTY'S ESTIMATE</b>	50,424,868.55	1,188,450.00	3,135,244.06	<b>\$54,748,562.61</b>
1	<b>OHL USA, Inc.</b>	43,506,441.19	846,260.00	2,762,656.33	<b>\$47,115,357.52</b>
2	<b>MCM Construction, Inc</b>	43,676,424.15	932,980.00	2,853,475.75	<b>\$47,462,879.90</b>
3	<b>Skanska USA Civil West</b>	46,145,585.00	824,870.00	2,466,045.00	<b>\$49,436,500.00</b>
4	<b>Security Paving Company</b>	45,833,816.19	685,866.00	3,139,039.75	<b>\$49,658,721.94</b>
5	<b>Ames Construction, Inc.</b>	47,178,561.79	842,340.00	2,769,841.70	<b>\$50,790,743.49</b>
6	<b>Griffith Company</b>	47,868,243.66	941,994.40	2,430,603.22	<b>\$51,240,841.28</b>
7	<b>Steve P. Rados, Inc.</b>	47,721,181.10	802,750.00	2,932,437.95	<b>\$51,456,369.05</b>
	<i>Average Bid Prices</i>	<i>\$45,990,036.15</i>	<i>\$839,580.06</i>	<i>\$2,764,871.39</i>	<i>\$49,594,487.60</i>

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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	019902	COURSE OF CONSTRUCTION INSURANCE		LS	1	125,000.00	125,000.00	125,000.00	125,000.00
2	066105	RESIDENT ENGINEER OFFICE		LS	1	80,000.00	80,000.00	80,000.00	80,000.00
3	070030	LEAD COMPLIANCE PLAN		LS	1	5,000.00	5,000.00	5,000.00	5,000.00
4	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)		LS	1	10,000.00	10,000.00	10,000.00	10,000.00
5	100100	DEVELOP WATER SUPPLY		LS	1	45,000.00	45,000.00	45,000.00	45,000.00
6	120100	TRAFFIC CONTROL SYSTEM [ INCLUDES BUT IS NOT LIMITED TO: CONSTRUCTION AREA SIGNS, TEMPORARY TRAFFIC STRIPES (PAINT), TEMPORARY PAVEMENT MARKINGS (PAINT)]		LS	1	250,000.00	250,000.00	150,000.00	150,000.00
7	128651	PORTABLE CHANGEABLE MESSAGE SIGN		EA	6	5,000.00	30,000.00	8,000.00	48,000.00
8	129000	TEMPORARY RAILING (TYPE K)		LF	7,634	20.00	152,680.00	16.00	122,144.00
9	129110	TEMPORARY CRASH CUSHION		EA	8	2,500.00	20,000.00	4,400.00	35,200.00
10	031300	TEMPORARY CREEK DIVERSION SYSTEM		LS	1	300,000.00	300,000.00	100,000.00	100,000.00
11	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN [ INCLUDES BUT IS NOT LIMITED TO: JOB SITE MANAGEMENT, RAIN EVENT ACTION PLAN (24), STORM WATER SAMPLING AND ANALYSIS DAY (30), STORM WATER ANNUAL REPORT (2), STREET SWEEPING, TEMPORARY CONCRETE WASHOUT (5) ]		LS	1	350,000.00	350,000.00	220,000.00	220,000.00
12	130620	TEMPORARY DRAINAGE INLET PROTECTION		EA	38	250.00	9,500.00	180.00	6,840.00
13	130640	TEMPORARY FIBER ROLL		LF	7,586	4.00	30,344.00	3.50	26,551.00
14	130680	TEMPORARY SILT FENCE		LF	1,573	5.00	7,865.00	3.00	4,719.00
15	130710	TEMPORARY CONSTRUCTION ENTRANCE		EA	5	4,700.00	23,500.00	6,000.00	30,000.00
16	160110	TEMPORARY FENCE TYPE ESA		LF	1,800	10.00	18,000.00	4.25	7,650.00

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17	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO: REMOVE THERMOPLASTIC TRAFFIC STRIPE, REMOVE THERMOPLASTIC PAVEMENT MARKING, INVASIVE SPECIES CONTROL, REMOVE EXISTING AC DIKE, REMOVE PIPE, REMOVE INLET, REMOVE EXISTING CONCRETE SIDEWALK, DRIVEWAY, CURB AND GUTTER, REMOVE EXISTING FENCE, REMOVE ROADSIDE SIGNS, REMOVE GUARDRAIL, REMOVE EXISTING CONCRETE BARRIER (TYPE K) ]		LS	1	636,000.00	636,000.00	630,000.00	630,000.00
18	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	33,200	35.00	1,162,000.00	36.00	1,195,200.00
19	031900	GROUND IMPROVEMENT		LS	1	300,000.00	300,000.00	510,000.00	510,000.00
20	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)		CY	1,424	105.00	149,520.00	60.00	85,440.00
21	192020 (F)	STRUCTURE EXCAVATION (TYPE D)		CY	2,168	85.00	184,280.00	210.00	455,280.00
22	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,429	75.00	107,175.00	25.00	35,725.00
23	192049 (F)	STRUCTURE EXCAVATION (SOLDIER PILE WALL)		CY	545	115.00	62,675.00	160.00	87,200.00
24	193003 (F)	STRUCTURE BACKFILL (BRIDGE)		CY	3,099	85.00	263,415.00	55.00	170,445.00
25	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	712	90.00	64,080.00	32.00	22,784.00
26	193029 (F)	STRUCTURE BACKFILL (SOLDIER PILE WALL)		CY	31	175.00	5,425.00	60.00	1,860.00
27	193116 (F)	CONCRETE BACKFILL (SOLDIER PILE WALL)		CY	335	340.00	113,900.00	300.00	100,500.00
28	193119 (F)	LEAN CONCRETE BACKFILL		CY	159	220.00	34,980.00	270.00	42,930.00
29	194001	DITCH EXCAVATION		CY	1,617	35.00	56,595.00	18.00	29,106.00
30	198010 (F)	IMPORTED BORROW	Like 4	CY	8,265	53.00	438,045.00	3.00	24,795.00
31	198208	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B1		SQYD	1,096	6.00	6,576.00	2.00	2,192.00
32	208603 (P-F)	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		LF	40	225.00	9,000.00	100.00	4,000.00
33	210110	IMPORTED TOP SOIL		CY	94	105.00	9,870.00	70.00	6,580.00
34	210300	HYDROMULCH		SQFT	129,718	0.20	25,943.60	0.08	10,377.44
35	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	113,938	0.30	34,181.40	0.20	22,787.60

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36	210430	HYDROSEED (VEGETATED SWALE MIX)		SQFT	15,780	0.30	4,734.00	0.33	5,207.40
37	032100	CELLULAR CONFINEMENT SYSTEM		SQYD	554	80.00	44,320.00	35.00	19,390.00
38	210610	COMPOST		CY	1,529	58.00	88,682.00	33.00	50,457.00
39	210630	INCORPORATE MATERIALS		SQFT	124,725	0.25	31,181.25	0.04	4,989.00
40	211111	PERMANENT EROSION CONTROL ESTABLISHMENT WORK		LS	1	70,000.00	70,000.00	39,000.00	39,000.00
41	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	3,474	57.50	199,755.00	58.00	201,492.00
42	377501	SLURRY SEAL		TON	9	2,400.00	21,600.00	4,060.00	36,540.00
43	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	7,164	100.00	716,400.00	85.00	608,940.00
44	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	344	270.00	92,880.00	205.00	70,520.00
45	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)		LF	300	20.00	6,000.00	24.00	7,200.00
46	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	4,401	40.00	176,040.00	35.00	154,035.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT		SQYD	1,450	15.00	21,750.00	11.00	15,950.00
48	477020 (P-F)	MECHANICALLY STABILIZED EMBANKMENT		SQFT	7,703	80.00	616,240.00	104.00	801,112.00
49	034900 (P)	STEEL SOLDIER PILE (W12X79)		LF	426	100.00	42,600.00	135.00	57,510.00
50	034901 (P)	STEEL SOLDIER PILE (W18X175)		LF	485	430.00	208,550.00	140.00	67,900.00
51	034902 (P)	STEEL SOLDIER PILE (W24X250)		LF	638	500.00	319,000.00	235.00	149,930.00
52	034903 (P)	STEEL SOLDIER PILE (W24X335)		LF	747	670.00	500,490.00	320.00	239,040.00
53	490400	24" DRILLED HOLE		LF	418	100.00	41,800.00	136.00	56,848.00
54	490406	36" DRILLED HOLE		LF	1,850	120.00	222,000.00	200.00	370,000.00
55	490609	60" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,045	1,000.00	1,045,000.00	805.00	841,225.00
56	490618	96" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,435	2,000.00	2,870,000.00	1,800.00	2,583,000.00
57	490688	96" CAST-IN-DRILLED HOLE CONCRETE PILING (ROCK SOCKET)		LF	572	4,000.00	2,288,000.00	2,670.00	1,527,240.00

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58	500001 (P)	PRESTRESSING CAST-IN-PLACE CONCRETE		LS	1	1,267,164.00	1,267,164.00	1,750,000.00	1,750,000.00
59	510051 (F)	STRUCTURAL CONCRETE BRIDGE FOOTING		CY	739	450.00	332,550.00	300.00	221,700.00
60	510053 (F)	STRUCTURAL CONCRETE BRIDGE		CY	8,594	1,100.00	9,453,400.00	970.00	8,336,180.00
61	510054 (F)	STRUCTURAL CONCRETE BRIDGE (POLYMER FIBER)		CY	3,156	900.00	2,840,400.00	730.00	2,303,880.00
62	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	466	700.00	326,200.00	800.00	372,800.00
63	510072 (F)	STRUCTURAL CONCRETE, BARRIER SLAB		CY	275	900.00	247,500.00	500.00	137,500.00
64	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)		CY	286	840.00	240,240.00	725.00	207,350.00
65	510092 (F)	STRUCTURAL CONCRETE, HEADWALL		CY	27	2,300.00	62,100.00	1,500.00	40,500.00
66	510094 (F)	STRUCTURAL CONCRETE, DRAINAGE INLET		CY	147	2,200.00	323,400.00	1,800.00	264,600.00
67	510501 (F)	MINOR CONCRETE		CY	22	1,000.00	22,000.00	1,300.00	28,600.00
68	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	30	900.00	27,000.00	2,000.00	60,000.00
69	511035 (F)	ARCHITECTURAL TREATMENT		SQFT	13,338	15.00	200,070.00	35.00	466,830.00
70	035100	FURNISH & ERECT PRECAST CONCRETE PANELS (BAT HOUSES)		LS	1	35,000.00	35,000.00	24,000.00	24,000.00
71	518051 (P)	PTFE SPHERICAL BEARINGS		EA	11	12,400.00	136,400.00	16,790.00	184,690.00
72	519095 (P)	JOINT SEAL ASSEMBLY (MR ≤ 4")		LF	197	350.00	68,950.00	380.00	74,860.00
73	519106 (P)	JOINT SEAL ASSEMBLY (MR = 7.5")		LF	97	1,800.00	174,600.00	1,900.00	184,300.00
74	520102 (P-F)	BAR REINFORCING STEEL (BRIDGE)		LB	4,587,358	1.25	5,734,197.50	1.10	5,046,093.80
75	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	102,842	1.25	128,552.50	1.15	118,268.30
76	520120 (P-F)	HEADED BAR REINFORCEMENT		EA	4,885	25.00	122,125.00	42.00	205,170.00
77	575004 (P-F)	TIMBER LAGGING [PERMANENT]		MFBM	33	5,000.00	165,000.00	8,500.00	280,500.00
78	035800 (P-F)	SOUNDWALL (MASONRY W/ PLEXIGLASS)		SQFT	4,517	90.00	406,530.00	100.00	451,700.00
79	590120	CLEAN AND PAINT STEEL SOLDIER PILING		LS	1	240,000.00	240,000.00	80,000.00	80,000.00

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80	600017	REMOVE RETAINING WALL (MECHANICALLY STABILIZED EMBANKMENT)		LF	368	184.00	67,712.00	26.00	9,568.00
81	600097	BRIDGE REMOVAL		LS	1	550,000.00	550,000.00	570,000.00	570,000.00
82	650014 (P)	18" REINFORCED CONCRETE PIPE		LF	2,870	110.00	315,700.00	155.00	444,850.00
83	650018 (P)	24" REINFORCED CONCRETE PIPE		LF	482	190.00	91,580.00	180.00	86,760.00
84	703460 (P)	24" WELDED STEEL PIPE CASING (BRIDGE)		LF	70	300.00	21,000.00	350.00	24,500.00
85	705204	18' CONCRETE FLARED END SECTION		EA	1	1,200.00	1,200.00	1,590.00	1,590.00
86	705517	18" AUTOMATIC DRAINAGE GATE		EA	1	2,000.00	2,000.00	1,645.00	1,645.00
87	707467	36" REINFORCED CONCRETE PIPE RISER		LF	57	315.00	17,955.00	465.00	26,505.00
88	721810	SLOPE PAVING CONCRETE		CY	6	1,200.00	7,200.00	1,050.00	6,300.00
89	723030	ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	6,606	170.00	1,123,020.00	90.00	594,540.00
90	723080	ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	3,520	140.00	492,800.00	90.00	316,800.00
91	723150	CONCRETED ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	925	275.00	254,375.00	165.00	152,625.00
92	723180	CONCRETED ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	113	315.00	35,595.00	1,880.00	212,440.00
93	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)		SQYD	6,897	5.00	34,485.00	1.85	12,759.45
94	037300	MINOR CONCRETE (MEDIAN)[TYPE D,CRS 204]		CY	315	470.00	148,050.00	805.00	253,575.00
95	730040	MINOR CONCRETE (GUTTER)		LF	905	23.60	21,358.00	64.00	57,920.00
96	731504	MINOR CONCRETE (CURB AND GUTTER) [TYPE A-8, CRS 201]		LF	3,103	35.00	108,605.00	61.00	189,283.00
97	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	580	27.00	15,660.00	14.00	8,120.00
98	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	11,800	6.50	76,700.00	9.50	112,100.00
99	731623	MINOR CONCRETE (CURB RAMP) [ALL CASES]		EA	4	2,500.00	10,000.00	2,920.00	11,680.00
100	037301	SURVEYING AND MONITORING OF EXISTING NON-HWY FACILITY		LS	1	40,000.00	40,000.00	30,000.00	30,000.00

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101	750001 (P-F)	MISCELLANEOUS IRON AND STEEL		LB	10,616	4.50	47,772.00	4.00	42,464.00
102	750501 (P-F)	MISCELLANEOUS METAL BRIDGE		LB	49,895	6.00	299,370.00	2.50	124,737.50
103	750502 (P-F)	MISCELLANEOUS METAL (RETAINING WALL)		LB	1,542	8.00	12,336.00	5.50	8,481.00
104	750505 (P-F)	BRIDGE DECK DRAINAGE SYSTEM		LB	60,897	7.00	426,279.00	7.50	456,727.50
105	770030 (P)	SIGNAL AND LIGHTING (MODIFICATION - DETROIT STREET)		LS	1	150,000.00	150,000.00	230,000.00	230,000.00
106	770050 (P)	SIGNAL AND LIGHTING (MODIFICATION - CITRUS STREET)		LS	1	130,000.00	130,000.00	210,000.00	210,000.00
107	770090 (P)	LIGHTING (HAMNER AVENUE)		LS	1	130,000.00	130,000.00	240,000.00	240,000.00
108	780460 (F)	ANTI-GRAFFITI COATING		SQFT	14,519	10.00	145,190.00	1.50	21,778.50
109	038000 (P)	FENCE (PVC EQUESTRIAN)		LF	1,633	150.00	244,950.00	60.00	97,980.00
110	800360 (P)	CHAINLINK FENCE (TYPE CL-6)	Like 14	LF	780	40.00	31,200.00	43.00	33,540.00
111	802501 (P)	4' CHAINLINK GATE (TYPE CL-6)		EA	1	2,800.00	2,800.00	1,180.00	1,180.00
112	802670 (P)	24' CHAINLINK GATE (TYPE CL-6)		EA	1	4,500.00	4,500.00	4,140.00	4,140.00
113	810200	TEMPORARY DELINEATOR (CLASS I)		EA	567	56.00	31,752.00	53.00	30,051.00
114	820134	OBJECT MARKER (TYPE P)		EA	4	130.00	520.00	73.00	292.00
115	820610	RELOCATE ROADSIDE SIGN		EA	11	400.00	4,400.00	300.00	3,300.00
116	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	23	400.00	9,200.00	350.00	8,050.00
117	832007 (P)	MIDWEST GUARD RAIL SYSTEM (WOOD POST)		LF	612	34.00	20,808.00	83.00	50,796.00
118	038300 (P-F)	CONCRETE RAILING		LF	1,230	350.00	430,500.00	218.00	268,140.00
119	038301 (P-F)	METAL RAILING (TYPE A)		LF	2,520	570.00	1,436,400.00	198.00	498,960.00
120	038302 (P-F)	METAL RAILING (TYPE B)		LF	1,230	1,040.00	1,279,200.00	347.00	426,810.00
121	038303 (P-F)	RETAINING WALL RAILING		LF	97	250.00	24,250.00	285.00	27,645.00
122	839521 (P-F)	CABLE RAILING	Like 16	LF	900	50.00	45,000.00	31.00	27,900.00
123	839584	ALTERNATE IN-LINE TERMINAL SYSTEM		EA	2	4,000.00	8,000.00	3,773.00	7,546.00

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT: Replacement of Hamner Avenue Bridge Over Santa Ana River**

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**Hamner Avenue Widening Project**

From Schleisman Street to Citrus Street and From Detroit Street to Sixth Street  
In the Cities of Norco and Eastvale  
Project No. C9-0019

**Advertised: August 25, 2020 (Agenda Item: 3.65)**

**Addenda: 1 (8/25/2020), 2 (9/4/2020), 3 (9/8/2020), 4 (9/11/2020),  
5 (9/17/2020), 6 (9/24/2020), 7 (10/1/2020), 8 (10/6/2020)**

**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
124	839640	CONCRETE BARRIER (TYPE 60M)		LF	136	130.00	17,680.00	100.00	13,600.00
125	839642	CONCRETE BARRIER (TYPE 60MC)		LF	148	170.00	25,160.00	145.00	21,460.00
126	839643	CONCRETE BARRIER (TYPE 60MD)		LF	415	90.00	37,350.00	69.00	28,635.00
127	839647	CONCRETE BARRIER (TYPE 60MGC) [MOD]		LF	545	145.00	79,025.00	150.00	81,750.00
128	038304 (F)	CONCRETE BARRIER (TYPE 85)		LF	2,913	500.00	1,456,500.00	320.00	932,160.00
129	038305 (F)	CONCRETE BARRIER (TYPE 842)		LF	97	200.00	19,400.00	150.00	14,550.00
130	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	12,545	0.90	11,290.50	2.05	25,717.25
131	840506	8" THERMOPLASTIC TRAFFIC STRIPE	Like 18	LF	937	2.00	1,874.00	1.60	1,499.20
132	840515	THERMOPLASTIC PAVEMENT MARKING		SQFT	201	7.00	1,407.00	12.65	2,542.65
133	840529	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)		LF	13,426	0.60	8,055.60	2.10	28,194.60
134	870200	LIGHTING SYSTEM (BRIDGE)		LS	1	130,000.00	130,000.00	300,000.00	300,000.00
135	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	2,836,733.20	2,836,733.20	2,700,000.00	2,700,000.00
135.A	000003	SPLIT STEEL CASING PIPE [FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND ALL REQUIREMENTS IN ACCORDANCE WITH CHINO BASIN DESALTER AUTHORITY PLANS AND SPECIAL PROVISIONS]		LF	130	1,154.00	150,020.00	1,630.00	211,900.00
<b>BASE BID 1 SUBTOTAL ITEMS 1-135.A</b>							<b>50,424,868.55</b>		<b>43,506,441.19</b>



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Project No. C9-0019

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**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 1 - CITY OF NORCO, BRIDGE CROSSING WATER LINE REPLACEMENT						COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
136	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,152	350.00	403,200.00	235.00	270,720.00
137	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (CML/C), BENDS, COUPLINGS, GASKETS, FITTINGS , THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	120	575.00	69,000.00	434.00	52,080.00
138	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (EPOXY COATED AND CEMENT MORTAR LINED), GASKETS, FITTINGS (INSIDE BRIDGE CELLS) COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,278	375.00	479,250.00	230.00	293,940.00
139	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	3	18,000.00	54,000.00	6,990.00	20,970.00
140	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 30-INCH STEEL PIPE CASING, WALL THICKNESS = 0.3750, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, GASKETS, COUPLINGS, FITTINGS, END CAPS, SKIDS BANDINGS, COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	76	750.00	57,000.00	235.00	17,860.00
141	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DOUBLE BALL FLEX-TEND ASSEMBLY, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, FLEX-TEND, GASKETS, COUPLINGS, FITTINGS FOR EACH FLEX-TEND ASSEMBLY UNIT INSTALLED FOR THE PRICE OF:		EA	2	35,000.00	70,000.00	33,460.00	66,920.00
142	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2-INCH BLOW-OFF ASSEMBLY, INCLUDING: GATES, BENDS, PIPING, COUPLINGS, GASKETS, FITTINGS, EXCAVATION , BACKFLL, COMPACTION, COMPLETE FOR THE UNIT PRICE OF:		EA	1	5,000.00	5,000.00	9,660.00	9,660.00

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Summary of Bids**

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ALTERNATIVE BID SCHEDULE 1 - CITY OF NORCO, BRIDGE CROSSING WATER LINE REPLACEMENT						COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
143	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2" COMBINATION AIR RELEASE VALVE ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, FOR THE UNIT PRICE OF:		EA	2	4,000.00	8,000.00	13,600.00	27,200.00
144	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL A.C PAVEMENT, INCLUDING: TEMPORARY AND PERMANENT A.C. PAVEMENTS, AGGREGATE BASE, EXCAVATION, COMPACTION COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	1,320	25.00	33,000.00	64.00	84,480.00
145	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, DISINFECT AND FLUSH NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	10,000.00	10,000.00	2,430.00	2,430.00
		<b>ALT. BID 1 SUBTOTAL ITEMS 136-145</b>					<b>1,188,450.00</b>		<b>846,260.00</b>

**ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT**

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
146	070030	LEAD COMPLIANCE PLAN		LS	1	5,000.00	5,000.00	3,500.00	3,500.00
147	120100	TRAFFIC CONTROL SYSTEM		LS	1	41,124.00	41,124.00	36,500.00	36,500.00
148	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN		LS	1	30,000.00	30,000.00	1,000.00	1,000.00
149	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO REMOVALS LISTED IN DEMOLITION NOTES OF PLANS ]		LS	1	49,070.67	49,070.67	80,000.00	80,000.00
150	031500	REMOVE, SALVAGE, RECONSTRUCT NORCO ENTRY MONUMENT WITH STONE VENEER		LS	1	60,000.00	60,000.00	66,000.00	66,000.00
151	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	528	35.00	18,480.00	36.00	19,008.00
152	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,220	75.00	91,500.00	25.00	30,500.00
153	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	960	90.00	86,400.00	32.00	30,720.00
154	198010 (F)	IMPORTED BORROW	Like 4	CY	520	53.00	27,560.00	3.00	1,560.00

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ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT						COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
155	032000	STONE VENEER FOR SOUTH RETAINING WALL		SQFT	1,600	30.00	48,000.00	58.00	92,800.00
156	032001	DECORATIVE BOULDERS (3' DIA)		EA	3	400.00	1,200.00	795.00	2,385.00
157	032002	DECORATIVE BOULDERS (2' DIA)		EA	7	300.00	2,100.00	670.00	4,690.00
158	032003	DECORATIVE BOULDERS (1' DIA)		EA	5	125.00	625.00	530.00	2,650.00
159	200114	ROCK BLANKET (MORTARED ROCK COBBLE - 2,100 SQFT)		TON	35	525.00	18,375.00	1,200.00	42,000.00
160	202006	SOIL AMENDMENT		SQFT	17,450	0.75	13,087.50	0.80	13,960.00
161	202038	PACKET FERTILIZER		EA	2,701	0.50	1,350.50	0.23	621.23
162	204011	PLANT (GROUP K)		EA	40	475.00	19,000.00	455.00	18,200.00
163	204035	PLANT (GROUP A)		EA	236	15.00	3,540.00	8.00	1,888.00
164	204036	PLANT (GROUP B)		EA	755	25.00	18,875.00	20.00	15,100.00
165	204099	PLANT ESTABLISHMENT PERIOD (90-DAYS)		SQFT	17,450	1.50	26,175.00	0.60	10,470.00
166	205034	DECOMPOSED GRANITE (3" DEPTH - 4,000 SQFT)		TON	50	265.00	13,250.00	260.00	13,000.00
167	205035	3" WOOD MULCH		SQFT	13,450	0.75	10,087.50	0.65	8,742.50
168	032004	IRRIGATION SYSTEM		LS	1	102,000.00	102,000.00	110,000.00	110,000.00
169	032005	ADJUST IRRIGATION		LS	1	4,000.00	4,000.00	3,150.00	3,150.00
170	210110	IMPORTED TOPSOIL - 12"-14" DEPTH (6,200 SQFT)		CY	270	18.00	4,860.00	49.00	13,230.00
171	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	1,260	0.30	378.00	1.50	1,890.00
172	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	1,364	57.50	78,430.00	58.00	79,112.00
173	377501	SLURRY SEAL		TON	169	300.00	50,700.00	675.00	114,075.00
174	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	1,428	100.00	142,800.00	85.00	121,380.00
175	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	335	270.00	90,450.00	205.00	68,675.00
176	198215	SUBGRADE ENHANCEMENT GEOGRID		SQYD	4,871	15.00	73,065.00	10.00	48,710.00
177	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	719	40.00	28,760.00	35.00	25,165.00

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ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT						COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
178	475000	RETAINING WALL STEM (TYPE 6)		SQFT	3,120	150.00	468,000.00	32.00	99,840.00
179	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	292	700.00	204,400.00	800.00	233,600.00
180	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	10	900.00	9,000.00	2,000.00	20,000.00
181	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	32,920	1.25	41,150.00	1.15	37,858.00
182	600017	REMOVE RETAINING WALL		LF	242	125.00	30,250.00	42.00	10,164.00
183	650316 (P)	24" REINFORCED CONCRETE PIPE (CLASS III)		LF	10	190.00	1,900.00	1,075.00	10,750.00
184	730070	DETECTABLE WARNING SURFACE		SQFT	270	40.00	10,800.00	58.00	15,660.00
185	731504	MINOR CONCRETE (CURB AND GUTTER)		LF	2,171	35.00	75,985.00	35.00	75,985.00
186	731507	MINOR CONCRETE (GUTTER DEPRESSION)		CY	2	1,200.00	2,400.00	700.00	1,400.00
187	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	278	27.00	7,506.00	14.00	3,892.00
188	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	10,231	6.50	66,501.50	9.50	97,194.50
189	731623	MINOR CONCRETE (CURB RAMP) (COLORED/STAMPED)		CY	7	1,200.00	8,400.00	2,000.00	14,000.00
190	037500	STEEL PIPE BOLLARDS		EA	37	175.00	6,475.00	730.00	27,010.00
191	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	Like 14	LF	320	40.00	12,800.00	43.00	13,760.00
192	800103	CHAIN LINK FENCE (TYPE CL-6) (TEMPORARY)		LF	513	20.00	10,260.00	31.00	15,903.00
193	810150	RESET MARKERS AND DELINEATORS		EA	339	40.00	13,560.00	8.50	2,881.50
194	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	12	400.00	4,800.00	350.00	4,200.00
195	820850	ROADSIDE SIGN - TWO POST		EA	1	700.00	700.00	812.00	812.00
196	839521 (P-F)	CABLE RAILING	Like 16	LF	616	50.00	30,800.00	31.00	19,096.00
197	038306 (P)	METAL RAILING FENCE ON RETAINING WALL		LF	227	180.00	40,860.00	245.00	55,615.00
198	038307 (P)	6' METAL RAILING FENCE		LF	150	150.00	22,500.00	415.00	62,250.00
199	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	9,493	0.90	8,543.70	2.05	19,460.65
200	840506	8" THERMOPLASTIC STRIPE	Like 18	LF	1,563	2.00	3,126.00	1.60	2,500.80

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201	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING		SQFT	2,491	7.00	17,437.00	12.50	31,137.50
202	840522	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)		LF	281	0.90	252.90	2.05	576.05
203	840531	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 18-12)		LF	10,492	0.70	7,344.40	2.05	21,508.60
204	870200 (P)	LIGHTING SYSTEM No. 1, S/O DETROIT STREET		LS	1	9,200.00	9,200.00	21,000.00	21,000.00
205	870200 (P)	LIGHTING SYSTEM No. 2, N/O CITRUS AVENUE		LS	1	80,550.00	80,550.00	83,000.00	83,000.00
206	872130	MODIFYING EXISTING ELECTRICAL SYSTEM		LS	1	3,500.00	3,500.00	42,000.00	42,000.00
207	872140	REMOVING EXISTING ELECTRICAL SYSTEM		LS	1	12,500.00	12,500.00	15,000.00	15,000.00
208	870400 (P)	SIGNAL AND LIGHTING SYSTEM		LS	1	171,950.00	171,950.00	170,000.00	170,000.00
209	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, SHORING AND SHEETING, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,012	355.00	359,260.00	250.00	253,000.00
210	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE WATER LATERAL, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, FLANGED AT END, COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	35	350.00	12,250.00	350.00	12,250.00
211	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	2	18,000.00	36,000.00	6,990.00	13,980.00
212	000003	SUPPORT OF ALL EXISTING UTILITES SHOWN ON THE PLANS INCLUDING CONTROL DENSITY BACKFILL AND TEMPORY SUPPORT FOR THE LUMP SUM OF:		LS	1	5,000.00	5,000.00	13,980.00	13,980.00
213	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL FIRE HYDRANT ASSEMBLY AND HYDRANT MARKER PER CITY OF NORCO STD. DWG 430 COMPLETED FOR EACH HYDRANT INSTALLED PRICE OF:		EA	1	8,000.00	8,000.00	19,600.00	19,600.00

**Riverside County Transportation Department  
Summary of Bids**

PROJECT: **Replacement of Hamner Avenue Bridge Over Santa Ana River**

Between Detroit Street and Citrus Street; In the City of Norco  
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**Hamner Avenue Widening Project**

From Schleisman Street to Citrus Street and From Detroit Street to Sixth Street

In the Cities of Norco and Eastvale

Project No. C9-0019

**Advertised: August 25, 2020 (Agenda Item: 3.65)**  
**Addenda: 1 (8/25/2020), 2 (9/4/2020), 3 (9/8/2020), 4 (9/11/2020),**  
**5 (9/17/2020), 6 (9/24/2020), 7 (10/1/2020), 8 (10/6/2020)**  
**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT						COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
214	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 4-INCH AIR RELEASE VALVE AND VACUUM ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION PER DETAIL ON SHEET 3, FOR THE UNIT PRICE OF:		EA	1	12,000.00	12,000.00	20,400.00	20,400.00
215	000003	ABANDON EXISTING 20-INCH DIAMETER WELDED STEEL PIPE WATERLINE, PRESSURE GROUT AND CAP ENDS FOR THE LUMP SUM PRICE OF:		LS	1	5,000.00	5,000.00	18,280.00	18,280.00
216	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, CHLORINATE AND DISINFECT, FLUSH AND BAC-T SAMPLE NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	5,000.00	5,000.00	2,430.00	2,430.00
217	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	149,039.40	149,039.40	100,000.00	100,000.00
<b>ALT. BID 2 SUBTOTAL ITEMS 146-217</b>							<b>3,135,244.06</b>		<b>2,762,656.33</b>

<b>PROJECT TOTAL ITEMS 1 - 217</b>						<b>54,748,562.61</b>	<b>47,115,357.52</b>		
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BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						2 MCM Construction, Inc North Highlands, CA 95660		3 Skanska USA Civil West Riverside, CA 92509	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	019902	COURSE OF CONSTRUCTION INSURANCE		LS	1	125,000.00	125,000.00	12,500.00	12,500.00
2	066105	RESIDENT ENGINEER OFFICE		LS	1	80,000.00	80,000.00	80,000.00	80,000.00
3	070030	LEAD COMPLIANCE PLAN		LS	1	5,000.00	5,000.00	5,000.00	5,000.00
4	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)		LS	1	10,000.00	10,000.00	10,000.00	10,000.00
5	100100	DEVELOP WATER SUPPLY		LS	1	45,000.00	45,000.00	45,000.00	45,000.00
6	120100	TRAFFIC CONTROL SYSTEM [ INCLUDES BUT IS NOT LIMITED TO: CONSTRUCTION AREA SIGNS, TEMPORARY TRAFFIC STRIPES (PAINT), TEMPORARY PAVEMENT MARKINGS (PAINT)]		LS	1	50,000.00	50,000.00	250,000.00	250,000.00
7	128651	PORTABLE CHANGEABLE MESSAGE SIGN		EA	6	15,000.00	90,000.00	8,000.00	48,000.00
8	129000	TEMPORARY RAILING (TYPE K)		LF	7,634	25.00	190,850.00	10.00	76,340.00
9	129110	TEMPORARY CRASH CUSHION		EA	8	8,500.00	68,000.00	4,000.00	32,000.00
10	031300	TEMPORARY CREEK DIVERSION SYSTEM		LS	1	100,000.00	100,000.00	1,119,917.20	1,119,917.20
11	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN [ INCLUDES BUT IS NOT LIMITED TO: JOB SITE MANAGEMENT, RAIN EVENT ACTION PLAN (24), STORM WATER SAMPLING AND ANALYSIS DAY (30), STORM WATER ANNUAL REPORT (2), STREET SWEEPING, TEMPORARY CONCRETE WASHOUT (5) ]		LS	1	150,000.00	150,000.00	350,000.00	350,000.00
12	130620	TEMPORARY DRAINAGE INLET PROTECTION		EA	38	250.00	9,500.00	600.00	22,800.00
13	130640	TEMPORARY FIBER ROLL		LF	7,586	4.00	30,344.00	6.00	45,516.00
14	130680	TEMPORARY SILT FENCE		LF	1,573	3.00	4,719.00	7.00	11,011.00
15	130710	TEMPORARY CONSTRUCTION ENTRANCE		EA	5	6,500.00	32,500.00	5,000.00	25,000.00
16	160110	TEMPORARY FENCE TYPE ESA		LF	1,800	5.00	9,000.00	10.00	18,000.00

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17	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO: REMOVE THERMOPLASTIC TRAFFIC STRIPE, REMOVE THERMOPLASTIC PAVEMENT MARKING, INVASIVE SPECIES CONTROL, REMOVE EXISTING AC DIKE, REMOVE PIPE, REMOVE INLET, REMOVE EXISTING CONCRETE SIDEWALK, DRIVEWAY, CURB AND GUTTER, REMOVE EXISTING FENCE, REMOVE ROADSIDE SIGNS, REMOVE GUARDRAIL, REMOVE EXISTING CONCRETE BARRIER (TYPE K) ]		LS	1	630,000.00	630,000.00	630,000.00	630,000.00
18	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	33,200	33.00	1,095,600.00	22.00	730,400.00
19	031900	GROUND IMPROVEMENT		LS	1	275,000.00	275,000.00	300,000.00	300,000.00
20	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)		CY	1,424	80.00	113,920.00	165.00	234,960.00
21	192020 (F)	STRUCTURE EXCAVATION (TYPE D)		CY	2,168	135.00	292,680.00	50.00	108,400.00
22	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,429	150.00	214,350.00	30.00	42,870.00
23	192049 (F)	STRUCTURE EXCAVATION (SOLDIER PILE WALL)		CY	545	100.00	54,500.00	90.00	49,050.00
24	193003 (F)	STRUCTURE BACKFILL (BRIDGE)		CY	3,099	130.00	402,870.00	30.00	92,970.00
25	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	712	185.00	131,720.00	75.00	53,400.00
26	193029 (F)	STRUCTURE BACKFILL (SOLDIER PILE WALL)		CY	31	220.00	6,820.00	225.00	6,975.00
27	193116 (F)	CONCRETE BACKFILL (SOLDIER PILE WALL)		CY	335	350.00	117,250.00	280.00	93,800.00
28	193119 (F)	LEAN CONCRETE BACKFILL		CY	159	280.00	44,520.00	240.00	38,160.00
29	194001	DITCH EXCAVATION		CY	1,617	20.00	32,340.00	3.50	5,659.50
30	198010 (F)	IMPORTED BORROW	Like 4	CY	8,265	1.00	8,265.00	1.00	8,265.00
31	198208	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B1		SQYD	1,096	20.00	21,920.00	11.00	12,056.00
32	208603 (P-F)	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		LF	40	80.00	3,200.00	65.00	2,600.00
33	210110	IMPORTED TOP SOIL		CY	94	58.00	5,452.00	115.00	10,810.00
34	210300	HYDROMULCH		SQFT	129,718	0.10	12,971.80	0.60	77,830.80
35	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	113,938	0.20	22,787.60	0.75	85,453.50



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BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						2 MCM Construction, Inc North Highlands, CA 95660		3 Skanska USA Civil West Riverside, CA 92509	
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36	210430	HYDROSEED (VEGETATED SWALE MIX)		SQFT	15,780	0.30	4,734.00	0.75	11,835.00
37	032100	CELLULAR CONFINEMENT SYSTEM		SQYD	554	35.00	19,390.00	70.00	38,780.00
38	210610	COMPOST		CY	1,529	30.00	45,870.00	15.00	22,935.00
39	210630	INCORPORATE MATERIALS		SQFT	124,725	0.05	6,236.25	0.30	37,417.50
40	211111	PERMANENT EROSION CONTROL ESTABLISHMENT WORK		LS	1	10,000.00	10,000.00	60,000.00	60,000.00
41	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	3,474	40.00	138,960.00	35.00	121,590.00
42	377501	SLURRY SEAL		TON	9	6,200.00	55,800.00	500.00	4,500.00
43	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	7,164	74.00	530,136.00	75.00	537,300.00
44	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	344	165.00	56,760.00	120.00	41,280.00
45	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)		LF	300	22.00	6,600.00	10.00	3,000.00
46	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	4,401	16.00	70,416.00	8.00	35,208.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT		SQYD	1,450	10.00	14,500.00	8.00	11,600.00
48	477020 (P-F)	MECHANICALLY STABILIZED EMBANKMENT		SQFT	7,703	72.00	554,616.00	75.00	577,725.00
49	034900 (P)	STEEL SOLDIER PILE (W12X79)		LF	426	44.00	18,744.00	90.00	38,340.00
50	034901 (P)	STEEL SOLDIER PILE (W18X175)		LF	485	103.00	49,955.00	200.00	97,000.00
51	034902 (P)	STEEL SOLDIER PILE (W24X250)		LF	638	150.00	95,700.00	250.00	159,500.00
52	034903 (P)	STEEL SOLDIER PILE (W24X335)		LF	747	240.00	179,280.00	350.00	261,450.00
53	490400	24" DRILLED HOLE		LF	418	129.00	53,922.00	80.00	33,440.00
54	490406	36" DRILLED HOLE		LF	1,850	90.00	166,500.00	255.00	471,750.00
55	490609	60" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,045	1,000.00	1,045,000.00	800.00	836,000.00
56	490618	96" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,435	2,000.00	2,870,000.00	1,695.00	2,432,325.00
57	490688	96" CAST-IN-DRILLED HOLE CONCRETE PILING (ROCK SOCKET)		LF	572	3,000.00	1,716,000.00	2,350.00	1,344,200.00

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58	500001 (P)	PRESTRESSING CAST-IN-PLACE CONCRETE		LS	1	800,000.00	800,000.00	950,000.00	950,000.00
59	510051 (F)	STRUCTURAL CONCRETE BRIDGE FOOTING		CY	739	500.00	369,500.00	400.00	295,600.00
60	510053 (F)	STRUCTURAL CONCRETE BRIDGE		CY	8,594	1,076.00	9,247,144.00	1,460.00	12,547,240.00
61	510054 (F)	STRUCTURAL CONCRETE BRIDGE (POLYMER FIBER)		CY	3,156	1,000.00	3,156,000.00	750.00	2,367,000.00
62	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	466	950.00	442,700.00	900.00	419,400.00
63	510072 (F)	STRUCTURAL CONCRETE, BARRIER SLAB		CY	275	650.00	178,750.00	850.00	233,750.00
64	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)		CY	286	1,000.00	286,000.00	850.00	243,100.00
65	510092 (F)	STRUCTURAL CONCRETE, HEADWALL		CY	27	1,500.00	40,500.00	1,900.00	51,300.00
66	510094 (F)	STRUCTURAL CONCRETE, DRAINAGE INLET		CY	147	1,100.00	161,700.00	2,400.00	352,800.00
67	510501 (F)	MINOR CONCRETE		CY	22	2,000.00	44,000.00	2,500.00	55,000.00
68	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	30	1,200.00	36,000.00	800.00	24,000.00
69	511035 (F)	ARCHITECTURAL TREATMENT		SQFT	13,338	30.00	400,140.00	35.00	466,830.00
70	035100	FURNISH & ERECT PRECAST CONCRETE PANELS (BAT HOUSES)		LS	1	20,000.00	20,000.00	30,000.00	30,000.00
71	518051 (P)	PTFE SPHERICAL BEARINGS		EA	11	14,000.00	154,000.00	15,000.00	165,000.00
72	519095 (P)	JOINT SEAL ASSEMBLY (MR ≤ 4")		LF	197	500.00	98,500.00	600.00	118,200.00
73	519106 (P)	JOINT SEAL ASSEMBLY (MR = 7.5")		LF	97	1,900.00	184,300.00	2,000.00	194,000.00
74	520102 (P-F)	BAR REINFORCING STEEL (BRIDGE)		LB	4,587,358	1.00	4,587,358.00	1.00	4,587,358.00
75	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	102,842	1.00	102,842.00	1.25	128,552.50
76	520120 (P-F)	HEADED BAR REINFORCEMENT		EA	4,885	22.00	107,470.00	40.00	195,400.00
77	575004 (P-F)	TIMBER LAGGING [PERMANENT]		MFBM	33	5,000.00	165,000.00	4,000.00	132,000.00
78	035800 (P-F)	SOUNDWALL (MASONRY W/ PLEXIGLASS)		SQFT	4,517	72.00	325,224.00	80.00	361,360.00
79	590120	CLEAN AND PAINT STEEL SOLDIER PILING		LS	1	100,000.00	100,000.00	40,000.00	40,000.00

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80	600017	REMOVE RETAINING WALL (MECHANICALLY STABILIZED EMBANKMENT)		LF	368	155.00	57,040.00	30.00	11,040.00
81	600097	BRIDGE REMOVAL		LS	1	350,000.00	350,000.00	500,000.00	500,000.00
82	650014 (P)	18" REINFORCED CONCRETE PIPE		LF	2,870	115.00	330,050.00	125.00	358,750.00
83	650018 (P)	24" REINFORCED CONCRETE PIPE		LF	482	210.00	101,220.00	140.00	67,480.00
84	703460 (P)	24" WELDED STEEL PIPE CASING (BRIDGE)		LF	70	400.00	28,000.00	300.00	21,000.00
85	705204	18' CONCRETE FLARED END SECTION		EA	1	500.00	500.00	1,500.00	1,500.00
86	705517	18" AUTOMATIC DRAINAGE GATE		EA	1	2,500.00	2,500.00	2,000.00	2,000.00
87	707467	36" REINFORCED CONCRETE PIPE RISER		LF	57	195.00	11,115.00	170.00	9,690.00
88	721810	SLOPE PAVING CONCRETE		CY	6	1,500.00	9,000.00	1,000.00	6,000.00
89	723030	ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	6,606	129.00	852,174.00	110.00	726,660.00
90	723080	ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	3,520	129.00	454,080.00	90.00	316,800.00
91	723150	CONCRETED ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	925	214.00	197,950.00	220.00	203,500.00
92	723180	CONCRETED ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	113	214.00	24,182.00	235.00	26,555.00
93	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)		SQYD	6,897	4.00	27,588.00	6.00	41,382.00
94	037300	MINOR CONCRETE (MEDIAN)[TYPE D,CRS 204]		CY	315	600.00	189,000.00	640.00	201,600.00
95	730040	MINOR CONCRETE (GUTTER)		LF	905	44.00	39,820.00	40.00	36,200.00
96	731504	MINOR CONCRETE (CURB AND GUTTER) [TYPE A-8, CRS 201]		LF	3,103	45.00	139,635.00	40.00	124,120.00
97	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	580	11.00	6,380.00	10.00	5,800.00
98	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	11,800	6.00	70,800.00	7.00	82,600.00
99	731623	MINOR CONCRETE (CURB RAMP) [ALL CASES]		EA	4	2,350.00	9,400.00	4,500.00	18,000.00
100	037301	SURVEYING AND MONITORING OF EXISTING NON-HWY FACILITY		LS	1	100,000.00	100,000.00	100,000.00	100,000.00

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BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						2 MCM Construction, Inc North Highlands, CA 95660		3 Skanska USA Civil West Riverside, CA 92509	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
101	750001 (P-F)	MISCELLANEOUS IRON AND STEEL		LB	10,616	4.00	42,464.00	3.00	31,848.00
102	750501 (P-F)	MISCELLANEOUS METAL BRIDGE		LB	49,895	7.00	349,265.00	6.50	324,317.50
103	750502 (P-F)	MISCELLANEOUS METAL (RETAINING WALL)		LB	1,542	25.00	38,550.00	25.00	38,550.00
104	750505 (P-F)	BRIDGE DECK DRAINAGE SYSTEM		LB	60,897	7.00	426,279.00	6.00	365,382.00
105	770030 (P)	SIGNAL AND LIGHTING (MODIFICATION - DETROIT STREET)		LS	1	175,000.00	175,000.00	200,000.00	200,000.00
106	770050 (P)	SIGNAL AND LIGHTING (MODIFICATION - CITRUS STREET)		LS	1	170,000.00	170,000.00	200,000.00	200,000.00
107	770090 (P)	LIGHTING (HAMNER AVENUE)		LS	1	200,000.00	200,000.00	200,000.00	200,000.00
108	780460 (F)	ANTI-GRAFFITI COATING		SQFT	14,519	1.50	21,778.50	2.50	36,297.50
109	038000 (P)	FENCE (PVC EQUESTRIAN)		LF	1,633	38.00	62,054.00	80.00	130,640.00
110	800360 (P)	CHAINLINK FENCE (TYPE CL-6)	Like 14	LF	780	35.00	27,300.00	70.00	54,600.00
111	802501 (P)	4' CHAINLINK GATE (TYPE CL-6)		EA	1	1,800.00	1,800.00	1,000.00	1,000.00
112	802670 (P)	24' CHAINLINK GATE (TYPE CL-6)		EA	1	4,000.00	4,000.00	3,500.00	3,500.00
113	810200	TEMPORARY DELINEATOR (CLASS I)		EA	567	50.00	28,350.00	50.00	28,350.00
114	820134	OBJECT MARKER (TYPE P)		EA	4	50.00	200.00	125.00	500.00
115	820610	RELOCATE ROADSIDE SIGN		EA	11	125.00	1,375.00	500.00	5,500.00
116	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	23	250.00	5,750.00	900.00	20,700.00
117	832007 (P)	MIDWEST GUARD RAIL SYSTEM (WOOD POST)		LF	612	50.00	30,600.00	80.00	48,960.00
118	038300 (P-F)	CONCRETE RAILING		LF	1,230	280.00	344,400.00	140.00	172,200.00
119	038301 (P-F)	METAL RAILING (TYPE A)		LF	2,520	215.00	541,800.00	185.00	466,200.00
120	038302 (P-F)	METAL RAILING (TYPE B)		LF	1,230	383.00	471,090.00	335.00	412,050.00
121	038303 (P-F)	RETAINING WALL RAILING		LF	97	255.00	24,735.00	300.00	29,100.00
122	839521 (P-F)	CABLE RAILING	Like 16	LF	900	35.00	31,500.00	30.00	27,000.00
123	839584	ALTERNATE IN-LINE TERMINAL SYSTEM		EA	2	4,400.00	8,800.00	5,000.00	10,000.00

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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
124	839640	CONCRETE BARRIER (TYPE 60M)		LF	136	200.00	27,200.00	160.00	21,760.00
125	839642	CONCRETE BARRIER (TYPE 60MC)		LF	148	300.00	44,400.00	270.00	39,960.00
126	839643	CONCRETE BARRIER (TYPE 60MD)		LF	415	180.00	74,700.00	75.00	31,125.00
127	839647	CONCRETE BARRIER (TYPE 60MGC) [MOD]		LF	545	350.00	190,750.00	300.00	163,500.00
128	038304 (F)	CONCRETE BARRIER (TYPE 85)		LF	2,913	300.00	873,900.00	350.00	1,019,550.00
129	038305 (F)	CONCRETE BARRIER (TYPE 842)		LF	97	275.00	26,675.00	275.00	26,675.00
130	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	12,545	1.00	12,545.00	2.00	25,090.00
131	840506	8" THERMOPLASTIC TRAFFIC STRIPE	Like 18	LF	937	2.00	1,874.00	5.00	4,685.00
132	840515	THERMOPLASTIC PAVEMENT MARKING		SQFT	201	3.00	603.00	6.00	1,206.00
133	840529	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)		LF	13,426	1.00	13,426.00	2.00	26,852.00
134	870200	LIGHTING SYSTEM (BRIDGE)		LS	1	225,000.00	225,000.00	240,000.00	240,000.00
135	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	2,800,000.00	2,800,000.00	2,800,000.00	2,800,000.00
135.A	000003	SPLIT STEEL CASING PIPE [FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND ALL REQUIREMENTS IN ACCORDANCE WITH CHINO BASIN DESALTER AUTHORITY PLANS AND SPECIAL PROVISIONS]		LF	130	1,350.00	175,500.00	1,600.00	208,000.00
<b>BASE BID 1 SUBTOTAL ITEMS 1-135.A</b>							<b>43,676,424.15</b>		<b>46,145,585.00</b>

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ALTERNATIVE BID SCHEDULE 1 - CITY OF NORCO, BRIDGE CROSSING WATER LINE REPLACEMENT						2 MCM Construction, Inc North Highlands, CA 95660		3 Skanska USA Civil West Riverside, CA 92509	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
136	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,152	230.00	264,960.00	250.00	288,000.00
137	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (CML/C), BENDS, COUPLINGS, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	120	740.00	88,800.00	750.00	90,000.00
138	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (EPOXY COATED AND CEMENT MORTAR LINED), GASKETS, FITTINGS (INSIDE BRIDGE CELLS) COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,278	260.00	332,280.00	225.00	287,550.00
139	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	3	9,100.00	27,300.00	8,000.00	24,000.00
140	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 30-INCH STEEL PIPE CASING, WALL THICKNESS = 0.3750, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, GASKETS, COUPLINGS, FITTINGS, END CAPS, SKIDS BANDINGS, COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	76	390.00	29,640.00	500.00	38,000.00
141	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DOUBLE BALL FLEX-TEND ASSEMBLY, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, FLEX-TEND, GASKETS, COUPLINGS, FITTINGS FOR EACH FLEX-TEND ASSEMBLY UNIT INSTALLED FOR THE PRICE OF:		EA	2	36,000.00	72,000.00	30,000.00	60,000.00
142	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2-INCH BLOW-OFF ASSEMBLY, INCLUDING: GATES, BENDS, PIPING, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, COMPLETE FOR THE UNIT PRICE OF:		EA	1	7,000.00	7,000.00	3,000.00	3,000.00

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143	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2" COMBINATION AIR RELEASE VALVE ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, FOR THE UNIT PRICE OF:		EA	2	10,000.00	20,000.00	4,000.00	8,000.00
144	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL A.C PAVEMENT, INCLUDING: TEMPORARY AND PERMANENT A.C. PAVEMENTS, AGGREGATE BASE, EXCAVATION, COMPACTION COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	1,320	50.00	66,000.00	1.00	1,320.00
145	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, DISINFECT AND FLUSH NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	25,000.00	25,000.00	25,000.00	25,000.00
<b>ALT. BID 1 SUBTOTAL ITEMS 136-145</b>							<b>932,980.00</b>		<b>824,870.00</b>

**ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT**

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
146	070030	LEAD COMPLIANCE PLAN		LS	1	5,000.00	5,000.00	500.00	500.00
147	120100	TRAFFIC CONTROL SYSTEM		LS	1	25,000.00	25,000.00	35,000.00	35,000.00
148	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN		LS	1	50,000.00	50,000.00	50,000.00	50,000.00
149	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO REMOVALS LISTED IN DEMOLITION NOTES OF PLANS ]		LS	1	25,000.00	25,000.00	50,000.00	50,000.00
150	031500	REMOVE, SALVAGE, RECONSTRUCT NORCO ENTRY MONUMENT WITH STONE VENEER		LS	1	80,000.00	80,000.00	60,000.00	60,000.00
151	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	528	33.00	17,424.00	22.00	11,616.00
152	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,220	150.00	183,000.00	30.00	36,600.00
153	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	960	185.00	177,600.00	75.00	72,000.00
154	198010 (F)	IMPORTED BORROW	Like 4	CY	520	1.00	520.00	1.00	520.00



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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
155	032000	STONE VENEER FOR SOUTH RETAINING WALL		SQFT	1,600	22.00	35,200.00	12.00	19,200.00
156	032001	DECORATIVE BOULDERS (3' DIA)		EA	3	680.00	2,040.00	1,600.00	4,800.00
157	032002	DECORATIVE BOULDERS (2' DIA)		EA	7	575.00	4,025.00	1,000.00	7,000.00
158	032003	DECORATIVE BOULDERS (1' DIA)		EA	5	455.00	2,275.00	750.00	3,750.00
159	200114	ROCK BLANKET (MORTARED ROCK COBBLE - 2,100 SQFT)		TON	35	1,050.00	36,750.00	1,200.00	42,000.00
160	202006	SOIL AMENDMENT		SQFT	17,450	1.00	17,450.00	1.00	17,450.00
161	202038	PACKET FERTILIZER		EA	2,701	0.25	675.25	2.00	5,402.00
162	204011	PLANT (GROUP K)		EA	40	390.00	15,600.00	700.00	28,000.00
163	204035	PLANT (GROUP A)		EA	236	7.00	1,652.00	15.00	3,540.00
164	204036	PLANT (GROUP B)		EA	755	18.00	13,590.00	30.00	22,650.00
165	204099	PLANT ESTABLISHMENT PERIOD (90-DAYS)		SQFT	17,450	0.70	12,215.00	2.00	34,900.00
166	205034	DECOMPOSED GRANITE (3" DEPTH - 4,000 SQFT)		TON	50	230.00	11,500.00	400.00	20,000.00
167	205035	3" WOOD MULCH		SQFT	13,450	1.00	13,450.00	1.00	13,450.00
168	032004	IRRIGATION SYSTEM		LS	1	85,000.00	85,000.00	85,000.00	85,000.00
169	032005	ADJUST IRRIGATION		LS	1	2,700.00	2,700.00	5,000.00	5,000.00
170	210110	IMPORTED TOPSOIL - 12"-14" DEPTH (6,200 SQFT)		CY	270	42.00	11,340.00	90.00	24,300.00
171	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	1,260	1.50	1,890.00	1.00	1,260.00
172	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	1,364	40.00	54,560.00	35.00	47,740.00
173	377501	SLURRY SEAL		TON	169	455.00	76,895.00	500.00	84,500.00
174	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	1,428	74.00	105,672.00	75.00	107,100.00
175	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	335	165.00	55,275.00	120.00	40,200.00
176	198215	SUBGRADE ENHANCEMENT GEOGRID		SQYD	4,871	5.00	24,355.00	6.00	29,226.00
177	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	719	16.00	11,504.00	8.00	5,752.00



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178	475000	RETAINING WALL STEM (TYPE 6)		SQFT	3,120	28.00	87,360.00	20.00	62,400.00
179	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	292	950.00	277,400.00	900.00	262,800.00
180	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	10	1,200.00	12,000.00	800.00	8,000.00
181	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	32,920	1.00	32,920.00	1.25	41,150.00
182	600017	REMOVE RETAINING WALL		LF	242	145.00	35,090.00	50.00	12,100.00
183	650316 (P)	24" REINFORCED CONCRETE PIPE (CLASS III)		LF	10	250.00	2,500.00	285.00	2,850.00
184	730070	DETECTABLE WARNING SURFACE		SQFT	270	42.00	11,340.00	30.00	8,100.00
185	731504	MINOR CONCRETE (CURB AND GUTTER)		LF	2,171	50.00	108,550.00	35.00	75,985.00
186	731507	MINOR CONCRETE (GUTTER DEPRESSION)		CY	2	2,050.00	4,100.00	1,400.00	2,800.00
187	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	278	11.00	3,058.00	10.00	2,780.00
188	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	10,231	6.00	61,386.00	7.00	71,617.00
189	731623	MINOR CONCRETE (CURB RAMP) (COLORED/STAMPED)		CY	7	1,100.00	7,700.00	2,200.00	15,400.00
190	037500	STEEL PIPE BOLLARDS		EA	37	950.00	35,150.00	1,000.00	37,000.00
191	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	Like 14	LF	320	35.00	11,200.00	70.00	22,400.00
192	800103	CHAIN LINK FENCE (TYPE CL-6) (TEMPORARY)		LF	513	18.00	9,234.00	15.00	7,695.00
193	810150	RESET MARKERS AND DELINEATORS		EA	339	55.00	18,645.00	25.00	8,475.00
194	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	12	250.00	3,000.00	900.00	10,800.00
195	820850	ROADSIDE SIGN - TWO POST		EA	1	600.00	600.00	1,000.00	1,000.00
196	839521 (P-F)	CABLE RAILING	Like 16	LF	616	35.00	21,560.00	30.00	18,480.00
197	038306 (P)	METAL RAILING FENCE ON RETAINING WALL		LF	227	270.00	61,290.00	235.00	53,345.00
198	038307 (P)	6' METAL RAILING FENCE		LF	150	235.00	35,250.00	400.00	60,000.00
199	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	9,493	1.00	9,493.00	2.00	18,986.00
200	840506	8" THERMOPLASTIC STRIPE	Like 18	LF	1,563	2.00	3,126.00	5.00	7,815.00

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT: Replacement of Hamner Avenue Bridge Over Santa Ana River**

Between Detroit Street and Citrus Street; In the City of Norco  
Project No. B7-0754; Federal Aid No. – BRLS 5956 (230); and

**Hamner Avenue Widening Project**

From Schleisman Street to Citrus Street and From Detroit Street to Sixth Street  
In the Cities of Norco and Eastvale  
Project No. C9-0019

**Advertised: August 25, 2020 (Agenda Item: 3.65)**  
**Addenda: 1 (8/25/2020), 2 (9/4/2020), 3 (9/8/2020), 4 (9/11/2020),**  
**5 (9/17/2020), 6 (9/24/2020), 7 (10/1/2020), 8 (10/6/2020)**  
**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT						2 MCM Construction, Inc North Highlands, CA 95660		3 Skanska USA Civil West Riverside, CA 92509	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
201	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING		SQFT	2,491	3.50	8,718.50	5.00	12,455.00
202	840522	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)		LF	281	1.00	281.00	2.00	562.00
203	840531	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 18-12)		LF	10,492	1.00	10,492.00	2.00	20,984.00
204	870200 (P)	LIGHTING SYSTEM No. 1, S/O DETROIT STREET		LS	1	15,000.00	15,000.00	20,000.00	20,000.00
205	870200 (P)	LIGHTING SYSTEM No. 2, N/O CITRUS AVENUE		LS	1	65,000.00	65,000.00	70,000.00	70,000.00
206	872130	MODIFYING EXISTING ELECTRICAL SYSTEM		LS	1	30,000.00	30,000.00	10,000.00	10,000.00
207	872140	REMOVING EXISTING ELECTRICAL SYSTEM		LS	1	12,000.00	12,000.00	15,000.00	15,000.00
208	870400 (P)	SIGNAL AND LIGHTING SYSTEM		LS	1	200,000.00	200,000.00	75,000.00	75,000.00
209	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, SHORING AND SHEETING, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,012	300.00	303,600.00	230.00	232,760.00
210	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE WATER LATERAL, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, FLANGED AT END, COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	35	265.00	9,275.00	310.00	10,850.00
211	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	2	9,500.00	19,000.00	8,000.00	16,000.00
212	000003	SUPPORT OF ALL EXISTING UTILITES SHOWN ON THE PLANS INCLUDING CONTROL DENSITY BACKFILL AND TEMPORY SUPPORT FOR THE LUMP SUM OF:		LS	1	17,500.00	17,500.00	30,000.00	30,000.00
213	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL FIRE HYDRANT ASSEMBLY AND HYDRANT MARKER PER CITY OF NORCO STD. DWG 430 COMPLETED FOR EACH HYDRANT INSTALLED PRICE OF:		EA	1	15,500.00	15,500.00	12,000.00	12,000.00

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						<b>2</b>		<b>3</b>	
<b>ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT</b>						<b>MCM Construction, Inc North Highlands, CA 95660</b>		<b>Skanska USA Civil West Riverside, CA 92509</b>	
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214	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 4-INCH AIR RELEASE VALVE AND VACUUM ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION PER DETAIL ON SHEET 3, FOR THE UNIT PRICE OF:		EA	1	10,000.00	10,000.00	10,000.00	10,000.00
215	000003	ABANDON EXISTING 20-INCH DIAMETER WELDED STEEL PIPE WATERLINE, PRESSURE GROUT AND CAP ENDS FOR THE LUMP SUM PRICE OF:		LS	1	16,000.00	16,000.00	20,000.00	20,000.00
216	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, CHLORINATE AND DISINFECT, FLUSH AND BAC-T SAMPLE NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	10,000.00	10,000.00	10,000.00	10,000.00
217	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	100,000.00	100,000.00	120,000.00	120,000.00
		<b>ALT. BID 2 SUBTOTAL ITEMS 146-217</b>					<b>2,853,475.75</b>		<b>2,466,045.00</b>

<b>PROJECT TOTAL ITEMS 1 - 217</b>	<b>47,462,879.90</b>	<b>49,436,500.00</b>
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BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						4 Security Paving Company Westlake Village, CA 91361		5 Ames Construction, Inc. Corona, CA 92880	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	019902	COURSE OF CONSTRUCTION INSURANCE		LS	1	125,000.00	125,000.00	125,000.00	125,000.00
2	066105	RESIDENT ENGINEER OFFICE		LS	1	80,000.00	80,000.00	80,000.00	80,000.00
3	070030	LEAD COMPLIANCE PLAN		LS	1	5,000.00	5,000.00	5,000.00	5,000.00
4	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)		LS	1	10,000.00	10,000.00	10,000.00	10,000.00
5	100100	DEVELOP WATER SUPPLY		LS	1	45,000.00	45,000.00	45,000.00	45,000.00
6	120100	TRAFFIC CONTROL SYSTEM [ INCLUDES BUT IS NOT LIMITED TO: CONSTRUCTION AREA SIGNS, TEMPORARY TRAFFIC STRIPES (PAINT), TEMPORARY PAVEMENT MARKINGS (PAINT)]		LS	1	250,000.00	250,000.00	250,000.00	250,000.00
7	128651	PORTABLE CHANGEABLE MESSAGE SIGN		EA	6	11,000.00	66,000.00	13,000.00	78,000.00
8	129000	TEMPORARY RAILING (TYPE K)		LF	7,634	20.00	152,680.00	18.00	137,412.00
9	129110	TEMPORARY CRASH CUSHION		EA	8	2,500.00	20,000.00	7,500.00	60,000.00
10	031300	TEMPORARY CREEK DIVERSION SYSTEM		LS	1	600,000.00	600,000.00	600,000.00	600,000.00
11	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN [ INCLUDES BUT IS NOT LIMITED TO: JOB SITE MANAGEMENT, RAIN EVENT ACTION PLAN (24), STORM WATER SAMPLING AND ANALYSIS DAY (30), STORM WATER ANNUAL REPORT (2), STREET SWEEPING, TEMPORARY CONCRETE WASHOUT (5) ]		LS	1	350,000.00	350,000.00	350,000.00	350,000.00
12	130620	TEMPORARY DRAINAGE INLET PROTECTION		EA	38	210.00	7,980.00	400.00	15,200.00
13	130640	TEMPORARY FIBER ROLL		LF	7,586	3.50	26,551.00	4.50	34,137.00
14	130680	TEMPORARY SILT FENCE		LF	1,573	3.50	5,505.50	6.00	9,438.00
15	130710	TEMPORARY CONSTRUCTION ENTRANCE		EA	5	4,200.00	21,000.00	5,000.00	25,000.00
16	160110	TEMPORARY FENCE TYPE ESA		LF	1,800	7.00	12,600.00	6.00	10,800.00

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17	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO: REMOVE THERMOPLASTIC TRAFFIC STRIPE, REMOVE THERMOPLASTIC PAVEMENT MARKING, INVASIVE SPECIES CONTROL, REMOVE EXISTING AC DIKE, REMOVE PIPE, REMOVE INLET, REMOVE EXISTING CONCRETE SIDEWALK, DRIVEWAY, CURB AND GUTTER, REMOVE EXISTING FENCE, REMOVE ROADSIDE SIGNS, REMOVE GUARDRAIL, REMOVE EXISTING CONCRETE BARRIER (TYPE K) ]		LS	1	630,000.00	630,000.00	630,000.00	630,000.00
18	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	33,200	45.00	1,494,000.00	50.00	1,660,000.00
19	031900	GROUND IMPROVEMENT		LS	1	500,000.00	500,000.00	350.00	350.00
20	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)		CY	1,424	166.00	236,384.00	125.00	178,000.00
21	192020 (F)	STRUCTURE EXCAVATION (TYPE D)		CY	2,168	50.00	108,400.00	300.00	650,400.00
22	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,429	15.00	21,435.00	30.00	42,870.00
23	192049 (F)	STRUCTURE EXCAVATION (SOLDIER PILE WALL)		CY	545	58.00	31,610.00	60.00	32,700.00
24	193003 (F)	STRUCTURE BACKFILL (BRIDGE)		CY	3,099	111.00	343,989.00	100.00	309,900.00
25	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	712	111.00	79,032.00	80.00	56,960.00
26	193029 (F)	STRUCTURE BACKFILL (SOLDIER PILE WALL)		CY	31	715.00	22,165.00	200.00	6,200.00
27	193116 (F)	CONCRETE BACKFILL (SOLDIER PILE WALL)		CY	335	200.00	67,000.00	260.00	87,100.00
28	193119 (F)	LEAN CONCRETE BACKFILL		CY	159	150.00	23,850.00	220.00	34,980.00
29	194001	DITCH EXCAVATION		CY	1,617	15.00	24,255.00	6.00	9,702.00
30	198010 (F)	IMPORTED BORROW	Like 4	CY	8,265	11.00	90,915.00	1.00	8,265.00
31	198208	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B1		SQYD	1,096	81.00	88,776.00	4.00	4,384.00
32	208603 (P-F)	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		LF	40	166.00	6,640.00	200.00	8,000.00
33	210110	IMPORTED TOP SOIL		CY	94	93.00	8,742.00	60.00	5,640.00
34	210300	HYDROMULCH		SQFT	129,718	0.03	3,891.54	0.08	10,377.44
35	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	113,938	0.15	17,090.70	0.20	22,787.60

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36	210430	HYDROSEED (VEGETATED SWALE MIX)		SQFT	15,780	0.25	3,945.00	0.30	4,734.00
37	032100	CELLULAR CONFINEMENT SYSTEM		SQYD	554	68.00	37,672.00	50.00	27,700.00
38	210610	COMPOST		CY	1,529	64.00	97,856.00	30.00	45,870.00
39	210630	INCORPORATE MATERIALS		SQFT	124,725	0.05	6,236.25	0.03	3,741.75
40	211111	PERMANENT EROSION CONTROL ESTABLISHMENT WORK		LS	1	80,000.00	80,000.00	10,000.00	10,000.00
41	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	3,474	50.00	173,700.00	60.00	208,440.00
42	377501	SLURRY SEAL		TON	9	1,200.00	10,800.00	1,500.00	13,500.00
43	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	7,164	85.00	608,940.00	85.00	608,940.00
44	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	344	130.00	44,720.00	150.00	51,600.00
45	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)		LF	300	11.00	3,300.00	22.00	6,600.00
46	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	4,401	15.00	66,015.00	15.00	66,015.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT		SQYD	1,450	9.00	13,050.00	10.00	14,500.00
48	477020 (P-F)	MECHANICALLY STABILIZED EMBANKMENT		SQFT	7,703	83.00	639,349.00	115.00	885,845.00
49	034900 (P)	STEEL SOLDIER PILE (W12X79)		LF	426	50.00	21,300.00	99.00	42,174.00
50	034901 (P)	STEEL SOLDIER PILE (W18X175)		LF	485	110.00	53,350.00	180.00	87,300.00
51	034902 (P)	STEEL SOLDIER PILE (W24X250)		LF	638	200.00	127,600.00	250.00	159,500.00
52	034903 (P)	STEEL SOLDIER PILE (W24X335)		LF	747	290.00	216,630.00	390.00	291,330.00
53	490400	24" DRILLED HOLE		LF	418	85.00	35,530.00	65.00	27,170.00
54	490406	36" DRILLED HOLE		LF	1,850	85.00	157,250.00	70.00	129,500.00
55	490609	60" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,045	800.00	836,000.00	750.00	783,750.00
56	490618	96" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,435	2,000.00	2,870,000.00	1,500.00	2,152,500.00
57	490688	96" CAST-IN-DRILLED HOLE CONCRETE PILING (ROCK SOCKET)		LF	572	3,000.00	1,716,000.00	2,200.00	1,258,400.00

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58	500001 (P)	PRESTRESSING CAST-IN-PLACE CONCRETE		LS	1	876,000.00	876,000.00	800,000.00	800,000.00
59	510051 (F)	STRUCTURAL CONCRETE BRIDGE FOOTING		CY	739	374.00	276,386.00	500.00	369,500.00
60	510053 (F)	STRUCTURAL CONCRETE BRIDGE		CY	8,594	895.00	7,691,630.00	1,494.00	12,839,436.00
61	510054 (F)	STRUCTURAL CONCRETE BRIDGE (POLYMER FIBER)		CY	3,156	1,044.00	3,294,864.00	1,000.00	3,156,000.00
62	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	466	1,350.00	629,100.00	1,000.00	466,000.00
63	510072 (F)	STRUCTURAL CONCRETE, BARRIER SLAB		CY	275	636.00	174,900.00	1,000.00	275,000.00
64	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)		CY	286	792.00	226,512.00	900.00	257,400.00
65	510092 (F)	STRUCTURAL CONCRETE, HEADWALL		CY	27	3,860.00	104,220.00	2,500.00	67,500.00
66	510094 (F)	STRUCTURAL CONCRETE, DRAINAGE INLET		CY	147	6,240.00	917,280.00	2,500.00	367,500.00
67	510501 (F)	MINOR CONCRETE		CY	22	2,840.00	62,480.00	2,500.00	55,000.00
68	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	30	3,300.00	99,000.00	1,400.00	42,000.00
69	511035 (F)	ARCHITECTURAL TREATMENT		SQFT	13,338	25.00	333,450.00	30.00	400,140.00
70	035100	FURNISH & ERECT PRECAST CONCRETE PANELS (BAT HOUSES)		LS	1	33,800.00	33,800.00	35,000.00	35,000.00
71	518051 (P)	PTFE SPHERICAL BEARINGS		EA	11	20,000.00	220,000.00	17,000.00	187,000.00
72	519095 (P)	JOINT SEAL ASSEMBLY (MR ≤ 4")		LF	197	395.00	77,815.00	850.00	167,450.00
73	519106 (P)	JOINT SEAL ASSEMBLY (MR = 7.5")		LF	97	1,800.00	174,600.00	2,600.00	252,200.00
74	520102 (P-F)	BAR REINFORCING STEEL (BRIDGE)		LB	4,587,358	1.20	5,504,829.60	1.00	4,587,358.00
75	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	102,842	1.20	123,410.40	1.00	102,842.00
76	520120 (P-F)	HEADED BAR REINFORCEMENT		EA	4,885	40.00	195,400.00	40.00	195,400.00
77	575004 (P-F)	TIMBER LAGGING [PERMANENT]		MFBM	33	6,000.00	198,000.00	5,200.00	171,600.00
78	035800 (P-F)	SOUNDWALL (MASONRY W/PLEXIGLASS)		SQFT	4,517	100.00	451,700.00	70.00	316,190.00
79	590120	CLEAN AND PAINT STEEL SOLDIER PILING		LS	1	100,000.00	100,000.00	100,000.00	100,000.00

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**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						4 Security Paving Company Westlake Village, CA 91361		5 Ames Construction, Inc. Corona, CA 92880	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
80	600017	REMOVE RETAINING WALL (MECHANICALLY STABILIZED EMBANKMENT)		LF	368	69.00	25,392.00	40.00	14,720.00
81	600097	BRIDGE REMOVAL		LS	1	465,000.00	465,000.00	500,000.00	500,000.00
82	650014 (P)	18" REINFORCED CONCRETE PIPE		LF	2,870	192.00	551,040.00	80.00	229,600.00
83	650018 (P)	24" REINFORCED CONCRETE PIPE		LF	482	202.00	97,364.00	125.00	60,250.00
84	703460 (P)	24" WELDED STEEL PIPE CASING (BRIDGE)		LF	70	150.00	10,500.00	450.00	31,500.00
85	705204	18' CONCRETE FLARED END SECTION		EA	1	3,000.00	3,000.00	1,800.00	1,800.00
86	705517	18" AUTOMATIC DRAINAGE GATE		EA	1	6,500.00	6,500.00	2,200.00	2,200.00
87	707467	36" REINFORCED CONCRETE PIPE RISER		LF	57	840.00	47,880.00	1,000.00	57,000.00
88	721810	SLOPE PAVING CONCRETE		CY	6	1,680.00	10,080.00	2,200.00	13,200.00
89	723030	ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	6,606	160.00	1,056,960.00	95.00	627,570.00
90	723080	ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	3,520	160.00	563,200.00	95.00	334,400.00
91	723150	CONCRETED ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	925	160.00	148,000.00	300.00	277,500.00
92	723180	CONCRETED ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	113	160.00	18,080.00	200.00	22,600.00
93	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)		SQYD	6,897	5.00	34,485.00	4.00	27,588.00
94	037300	MINOR CONCRETE (MEDIAN)[TYPE D,CRS 204]		CY	315	795.00	250,425.00	600.00	189,000.00
95	730040	MINOR CONCRETE (GUTTER)		LF	905	30.00	27,150.00	44.00	39,820.00
96	731504	MINOR CONCRETE (CURB AND GUTTER) [TYPE A-8, CRS 201]		LF	3,103	36.00	111,708.00	46.00	142,738.00
97	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	580	13.00	7,540.00	11.00	6,380.00
98	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	11,800	9.00	106,200.00	6.00	70,800.00
99	731623	MINOR CONCRETE (CURB RAMP) [ALL CASES]		EA	4	4,378.00	17,512.00	2,500.00	10,000.00
100	037301	SURVEYING AND MONITORING OF EXISTING NON-HWY FACILITY		LS	1	56,900.00	56,900.00	5,000.00	5,000.00



**Riverside County Transportation Department  
Summary of Bids**

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**Hamner Avenue Widening Project**

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In the Cities of Norco and Eastvale

Project No. C9-0019

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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
101	750001 (P-F)	MISCELLANEOUS IRON AND STEEL		LB	10,616	3.00	31,848.00	2.50	26,540.00
102	750501 (P-F)	MISCELLANEOUS METAL BRIDGE		LB	49,895	8.00	399,160.00	7.00	349,265.00
103	750502 (P-F)	MISCELLANEOUS METAL (RETAINING WALL)		LB	1,542	50.00	77,100.00	25.00	38,550.00
104	750505 (P-F)	BRIDGE DECK DRAINAGE SYSTEM		LB	60,897	8.00	487,176.00	6.00	365,382.00
105	770030 (P)	SIGNAL AND LIGHTING (MODIFICATION - DETROIT STREET)		LS	1	300,000.00	300,000.00	210,000.00	210,000.00
106	770050 (P)	SIGNAL AND LIGHTING (MODIFICATION - CITRUS STREET)		LS	1	200,000.00	200,000.00	220,000.00	220,000.00
107	770090 (P)	LIGHTING (HAMNER AVENUE)		LS	1	300,000.00	300,000.00	175,000.00	175,000.00
108	780460 (F)	ANTI-GRAFFITI COATING		SQFT	14,519	2.00	29,038.00	1.00	14,519.00
109	038000 (P)	FENCE (PVC EQUESTRIAN)		LF	1,633	125.00	204,125.00	27.00	44,091.00
110	800360 (P)	CHAINLINK FENCE (TYPE CL-6)	Like 14	LF	780	40.00	31,200.00	70.00	54,600.00
111	802501 (P)	4' CHAINLINK GATE (TYPE CL-6)		EA	1	2,200.00	2,200.00	1,100.00	1,100.00
112	802670 (P)	24' CHAINLINK GATE (TYPE CL-6)		EA	1	4,600.00	4,600.00	3,600.00	3,600.00
113	810200	TEMPORARY DELINEATOR (CLASS I)		EA	567	50.00	28,350.00	55.00	31,185.00
114	820134	OBJECT MARKER (TYPE P)		EA	4	100.00	400.00	70.00	280.00
115	820610	RELOCATE ROADSIDE SIGN		EA	11	400.00	4,400.00	280.00	3,080.00
116	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	23	650.00	14,950.00	375.00	8,625.00
117	832007 (P)	MIDWEST GUARD RAIL SYSTEM (WOOD POST)		LF	612	55.00	33,660.00	80.00	48,960.00
118	038300 (P-F)	CONCRETE RAILING		LF	1,230	93.00	114,390.00	180.00	221,400.00
119	038301 (P-F)	METAL RAILING (TYPE A)		LF	2,520	240.00	604,800.00	185.00	466,200.00
120	038302 (P-F)	METAL RAILING (TYPE B)		LF	1,230	430.00	528,900.00	335.00	412,050.00
121	038303 (P-F)	RETAINING WALL RAILING		LF	97	290.00	28,130.00	280.00	27,160.00
122	839521 (P-F)	CABLE RAILING	Like 16	LF	900	41.00	36,900.00	30.00	27,000.00
123	839584	ALTERNATE IN-LINE TERMINAL SYSTEM		EA	2	4,900.00	9,800.00	3,600.00	7,200.00

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124	839640	CONCRETE BARRIER (TYPE 60M)		LF	136	142.00	19,312.00	200.00	27,200.00
125	839642	CONCRETE BARRIER (TYPE 60MC)		LF	148	206.00	30,488.00	330.00	48,840.00
126	839643	CONCRETE BARRIER (TYPE 60MD)		LF	415	84.00	34,860.00	80.00	33,200.00
127	839647	CONCRETE BARRIER (TYPE 60MGC) [MOD]		LF	545	190.00	103,550.00	305.00	166,225.00
128	038304 (F)	CONCRETE BARRIER (TYPE 85)		LF	2,913	240.00	699,120.00	185.00	538,905.00
129	038305 (F)	CONCRETE BARRIER (TYPE 842)		LF	97	250.00	24,250.00	160.00	15,520.00
130	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	12,545	1.30	16,308.50	0.80	10,036.00
131	840506	8" THERMOPLASTIC TRAFFIC STRIPE	Like 18	LF	937	2.10	1,967.70	1.00	937.00
132	840515	THERMOPLASTIC PAVEMENT MARKING		SQFT	201	19.00	3,819.00	4.00	804.00
133	840529	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)		LF	13,426	1.00	13,426.00	0.50	6,713.00
134	870200	LIGHTING SYSTEM (BRIDGE)		LS	1	300,000.00	300,000.00	200,000.00	200,000.00
135	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	2,300,000.00	2,300,000.00	2,800,000.00	2,800,000.00
135.A	000003	SPLIT STEEL CASING PIPE [FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND ALL REQUIREMENTS IN ACCORDANCE WITH CHINO BASIN DESALTER AUTHORITY PLANS AND SPECIAL PROVISIONS]		LF	130	312.00	40,560.00	1,750.00	227,500.00
<b>BASE BID 1 SUBTOTAL ITEMS 1-135.A</b>							<b>45,833,816.19</b>		<b>47,178,561.79</b>

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**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 1 - CITY OF NORCO, BRIDGE CROSSING WATER LINE REPLACEMENT						4 Security Paving Company Westlake Village, CA 91361		5 Ames Construction, Inc. Corona, CA 92880	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
136	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,152	202.00	232,704.00	230.00	264,960.00
137	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (CML/C), BENDS, COUPLINGS, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	120	300.00	36,000.00	625.00	75,000.00
138	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (EPOXY COATED AND CEMENT MORTAR LINED), GASKETS, FITTINGS (INSIDE BRIDGE CELLS) COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,278	189.00	241,542.00	170.00	217,260.00
139	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	3	10,000.00	30,000.00	11,000.00	33,000.00
140	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 30-INCH STEEL PIPE CASING, WALL THICKNESS = 0.3750, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, GASKETS, COUPLINGS, FITTINGS, END CAPS, SKIDS BANDINGS, COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	76	345.00	26,220.00	470.00	35,720.00
141	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DOUBLE BALL FLEX-TEND ASSEMBLY, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, FLEX-TEND, GASKETS, COUPLINGS, FITTINGS FOR EACH FLEX-TEND ASSEMBLY UNIT INSTALLED FOR THE PRICE OF:		EA	2	13,300.00	26,600.00	38,000.00	76,000.00
142	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2-INCH BLOW-OFF ASSEMBLY, INCLUDING: GATES, BENDS, PIPING, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, COMPLETE FOR THE UNIT PRICE OF:		EA	1	12,600.00	12,600.00	12,000.00	12,000.00

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143	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2" COMBINATION AIR RELEASE VALVE ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, FOR THE UNIT PRICE OF:		EA	2	19,200.00	38,400.00	6,000.00	12,000.00
144	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL A.C PAVEMENT, INCLUDING: TEMPORARY AND PERMANENT A.C. PAVEMENTS, AGGREGATE BASE, EXCAVATION, COMPACTION COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	1,320	15.00	19,800.00	70.00	92,400.00
145	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, DISINFECT AND FLUSH NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	22,000.00	22,000.00	24,000.00	24,000.00
		<b>ALT. BID 1 SUBTOTAL ITEMS 136-145</b>					<b>685,866.00</b>		<b>842,340.00</b>

**ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT**

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
146	070030	LEAD COMPLIANCE PLAN		LS	1	3,000.00	3,000.00	1,500.00	1,500.00
147	120100	TRAFFIC CONTROL SYSTEM		LS	1	41,000.00	41,000.00	150,000.00	150,000.00
148	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN		LS	1	39,000.00	39,000.00	10,000.00	10,000.00
149	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO REMOVALS LISTED IN DEMOLITION NOTES OF PLANS ]		LS	1	115,000.00	115,000.00	100,000.00	100,000.00
150	031500	REMOVE, SALVAGE, RECONSTRUCT NORCO ENTRY MONUMENT WITH STONE VENEER		LS	1	121,000.00	121,000.00	50,000.00	50,000.00
151	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	528	45.00	23,760.00	50.00	26,400.00
152	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,220	15.00	18,300.00	30.00	36,600.00
153	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	960	111.00	106,560.00	80.00	76,800.00
154	198010 (F)	IMPORTED BORROW	Like 4	CY	520	11.00	5,720.00	1.00	520.00

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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
155	032000	STONE VENEER FOR SOUTH RETAINING WALL		SQFT	1,600	65.00	104,000.00	100.00	160,000.00
156	032001	DECORATIVE BOULDERS (3' DIA)		EA	3	375.00	1,125.00	700.00	2,100.00
157	032002	DECORATIVE BOULDERS (2' DIA)		EA	7	190.00	1,330.00	600.00	4,200.00
158	032003	DECORATIVE BOULDERS (1' DIA)		EA	5	150.00	750.00	460.00	2,300.00
159	200114	ROCK BLANKET (MORTARED ROCK COBBLE - 2,100 SQFT)		TON	35	850.00	29,750.00	1,100.00	38,500.00
160	202006	SOIL AMENDMENT		SQFT	17,450	1.00	17,450.00	0.75	13,087.50
161	202038	PACKET FERTILIZER		EA	2,701	0.15	405.15	0.20	540.20
162	204011	PLANT (GROUP K)		EA	40	488.00	19,520.00	400.00	16,000.00
163	204035	PLANT (GROUP A)		EA	236	25.00	5,900.00	6.60	1,557.60
164	204036	PLANT (GROUP B)		EA	755	27.00	20,385.00	18.00	13,590.00
165	204099	PLANT ESTABLISHMENT PERIOD (90-DAYS)		SQFT	17,450	0.60	10,470.00	0.60	10,470.00
166	205034	DECOMPOSED GRANITE (3" DEPTH - 4,000 SQFT)		TON	50	128.00	6,400.00	230.00	11,500.00
167	205035	3" WOOD MULCH		SQFT	13,450	1.10	14,795.00	0.56	7,532.00
168	032004	IRRIGATION SYSTEM		LS	1	79,000.00	79,000.00	85,000.00	85,000.00
169	032005	ADJUST IRRIGATION		LS	1	1,100.00	1,100.00	3,000.00	3,000.00
170	210110	IMPORTED TOPSOIL - 12"-14" DEPTH (6,200 SQFT)		CY	270	72.00	19,440.00	42.00	11,340.00
171	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	1,260	0.30	378.00	1.30	1,638.00
172	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	1,364	50.00	68,200.00	60.00	81,840.00
173	377501	SLURRY SEAL		TON	169	1,175.00	198,575.00	400.00	67,600.00
174	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	1,428	85.00	121,380.00	85.00	121,380.00
175	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	335	130.00	43,550.00	150.00	50,250.00
176	198215	SUBGRADE ENHANCEMENT GEOGRID		SQYD	4,871	11.00	53,581.00	4.00	19,484.00
177	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	719	15.00	10,785.00	15.00	10,785.00

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178	475000	RETAINING WALL STEM (TYPE 6)		SQFT	3,120	28.00	87,360.00	30.00	93,600.00
179	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	292	1,350.00	394,200.00	1,000.00	292,000.00
180	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	10	3,300.00	33,000.00	1,400.00	14,000.00
181	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	32,920	1.20	39,504.00	1.00	32,920.00
182	600017	REMOVE RETAINING WALL		LF	242	17.00	4,114.00	65.00	15,730.00
183	650316 (P)	24" REINFORCED CONCRETE PIPE (CLASS III)		LF	10	478.00	4,780.00	850.00	8,500.00
184	730070	DETECTABLE WARNING SURFACE		SQFT	270	38.00	10,260.00	45.00	12,150.00
185	731504	MINOR CONCRETE (CURB AND GUTTER)		LF	2,171	50.00	108,550.00	46.00	99,866.00
186	731507	MINOR CONCRETE (GUTTER DEPRESSION)		CY	2	945.00	1,890.00	1,000.00	2,000.00
187	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	278	13.00	3,614.00	11.00	3,058.00
188	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	10,231	9.00	92,079.00	6.00	61,386.00
189	731623	MINOR CONCRETE (CURB RAMP) (COLORED/STAMPED)		CY	7	765.00	5,355.00	1,100.00	7,700.00
190	037500	STEEL PIPE BOLLARDS		EA	37	1,400.00	51,800.00	700.00	25,900.00
191	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	Like 14	LF	320	40.00	12,800.00	70.00	22,400.00
192	800103	CHAIN LINK FENCE (TYPE CL-6) (TEMPORARY)		LF	513	20.00	10,260.00	30.00	15,390.00
193	810150	RESET MARKERS AND DELINEATORS		EA	339	55.00	18,645.00	75.00	25,425.00
194	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	12	650.00	7,800.00	375.00	4,500.00
195	820850	ROADSIDE SIGN - TWO POST		EA	1	800.00	800.00	1,080.00	1,080.00
196	839521 (P-F)	CABLE RAILING	Like 16	LF	616	41.00	25,256.00	30.00	18,480.00
197	038306 (P)	METAL RAILING FENCE ON RETAINING WALL		LF	227	281.00	63,787.00	240.00	54,480.00
198	038307 (P)	6' METAL RAILING FENCE		LF	150	250.00	37,500.00	405.00	60,750.00
199	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	9,493	1.30	12,340.90	0.80	7,594.40
200	840506	8" THERMOPLASTIC STRIPE	Like 18	LF	1,563	2.10	3,282.30	1.00	1,563.00

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Project No. C9-0019

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**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT						4 Security Paving Company Westlake Village, CA 91361		5 Ames Construction, Inc. Corona, CA 92880	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
201	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING		SQFT	2,491	3.40	8,469.40	3.00	7,473.00
202	840522	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)		LF	281	1.00	281.00	1.00	281.00
203	840531	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 18-12)		LF	10,492	1.00	10,492.00	0.50	5,246.00
204	870200 (P)	LIGHTING SYSTEM No. 1, S/O DETROIT STREET		LS	1	18,500.00	18,500.00	7,000.00	7,000.00
205	870200 (P)	LIGHTING SYSTEM No. 2, N/O CITRUS AVENUE		LS	1	74,000.00	74,000.00	40,000.00	40,000.00
206	872130	MODIFYING EXISTING ELECTRICAL SYSTEM		LS	1	37,000.00	37,000.00	10,000.00	10,000.00
207	872140	REMOVING EXISTING ELECTRICAL SYSTEM		LS	1	13,100.00	13,100.00	3,600.00	3,600.00
208	870400 (P)	SIGNAL AND LIGHTING SYSTEM		LS	1	154,000.00	154,000.00	120,000.00	120,000.00
209	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, SHORING AND SHEETING, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,012	218.00	220,616.00	340.00	344,080.00
210	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE WATER LATERAL, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, FLANGED AT END, COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	35	877.00	30,695.00	65.00	2,275.00
211	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	2	9,300.00	18,600.00	6,200.00	12,400.00
212	000003	SUPPORT OF ALL EXISTING UTILITES SHOWN ON THE PLANS INCLUDING CONTROL DENSITY BACKFILL AND TEMPORY SUPPORT FOR THE LUMP SUM OF:		LS	1	49,200.00	49,200.00	13,000.00	13,000.00
213	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL FIRE HYDRANT ASSEMBLY AND HYDRANT MARKER PER CITY OF NORCO STD. DWG 430 COMPLETED FOR EACH HYDRANT INSTALLED PRICE OF:		EA	1	13,500.00	13,500.00	20,000.00	20,000.00

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214	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 4-INCH AIR RELEASE VALVE AND VACUUM ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION PER DETAIL ON SHEET 3, FOR THE UNIT PRICE OF:		EA	1	23,000.00	23,000.00	16,500.00	16,500.00
215	000003	ABANDON EXISTING 20-INCH DIAMETER WELDED STEEL PIPE WATERLINE, PRESSURE GROUT AND CAP ENDS FOR THE LUMP SUM PRICE OF:		LS	1	19,000.00	19,000.00	38,000.00	38,000.00
216	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, CHLORINATE AND DISINFECT, FLUSH AND BAC-T SAMPLE NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	10,800.00	10,800.00	14,000.00	14,000.00
217	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	107,200.00	107,200.00	50,000.00	50,000.00
		<b>ALT. BID 2 SUBTOTAL ITEMS 146-217</b>					<b>3,139,039.75</b>		<b>2,769,841.70</b>

<b>PROJECT TOTAL ITEMS 1 - 217</b>						<b>49,658,721.94</b>		<b>50,790,743.49</b>	
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BASE BID SCHEDULE 1 - HAMNER AVENUE BRIDGE REPLACEMENT PROJECT						6 Griffith Company Brea, CA 92821		7 Steve P. Rados, Inc. Santa Ana, CA 92705	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	019902	COURSE OF CONSTRUCTION INSURANCE		LS	1	450,000.00	450,000.00	125,000.00	125,000.00
2	066105	RESIDENT ENGINEER OFFICE		LS	1	80,000.00	80,000.00	80,000.00	80,000.00
3	070030	LEAD COMPLIANCE PLAN		LS	1	5,000.00	5,000.00	5,000.00	5,000.00
4	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)		LS	1	10,000.00	10,000.00	10,000.00	10,000.00
5	100100	DEVELOP WATER SUPPLY		LS	1	45,000.00	45,000.00	45,000.00	45,000.00
6	120100	TRAFFIC CONTROL SYSTEM [ INCLUDES BUT IS NOT LIMITED TO: CONSTRUCTION AREA SIGNS, TEMPORARY TRAFFIC STRIPES (PAINT), TEMPORARY PAVEMENT MARKINGS (PAINT)]		LS	1	250,000.00	250,000.00	250,000.00	250,000.00
7	128651	PORTABLE CHANGEABLE MESSAGE SIGN		EA	6	21,000.00	126,000.00	10,000.00	60,000.00
8	129000	TEMPORARY RAILING (TYPE K)		LF	7,634	23.00	175,582.00	15.00	114,510.00
9	129110	TEMPORARY CRASH CUSHION		EA	8	6,630.00	53,040.00	8,000.00	64,000.00
10	031300	TEMPORARY CREEK DIVERSION SYSTEM		LS	1	365,500.00	365,500.00	1,500,000.00	1,500,000.00
11	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN [ INCLUDES BUT IS NOT LIMITED TO: JOB SITE MANAGEMENT, RAIN EVENT ACTION PLAN (24), STORM WATER SAMPLING AND ANALYSIS DAY (30), STORM WATER ANNUAL REPORT (2), STREET SWEEPING, TEMPORARY CONCRETE WASHOUT (5) ]		LS	1	350,000.00	350,000.00	350,000.00	350,000.00
12	130620	TEMPORARY DRAINAGE INLET PROTECTION		EA	38	2,760.00	104,880.00	500.00	19,000.00
13	130640	TEMPORARY FIBER ROLL		LF	7,586	6.00	45,516.00	5.00	37,930.00
14	130680	TEMPORARY SILT FENCE		LF	1,573	6.00	9,438.00	8.00	12,584.00
15	130710	TEMPORARY CONSTRUCTION ENTRANCE		EA	5	16,600.00	83,000.00	5,500.00	27,500.00
16	160110	TEMPORARY FENCE TYPE ESA		LF	1,800	6.65	11,970.00	7.00	12,600.00

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17	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO: REMOVE THERMOPLASTIC TRAFFIC STRIPE, REMOVE THERMOPLASTIC PAVEMENT MARKING, INVASIVE SPECIES CONTROL, REMOVE EXISTING AC DIKE, REMOVE PIPE, REMOVE INLET, REMOVE EXISTING CONCRETE SIDEWALK, DRIVEWAY, CURB AND GUTTER, REMOVE EXISTING FENCE, REMOVE ROADSIDE SIGNS, REMOVE GUARDRAIL, REMOVE EXISTING CONCRETE BARRIER (TYPE K) ]		LS	1	630,000.00	630,000.00	630,000.00	630,000.00
18	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	33,200	29.00	962,800.00	35.00	1,162,000.00
19	031900	GROUND IMPROVEMENT		LS	1	490,000.00	490,000.00	500,000.00	500,000.00
20	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)		CY	1,424	245.00	348,880.00	50.00	71,200.00
21	192020 (F)	STRUCTURE EXCAVATION (TYPE D)		CY	2,168	95.00	205,960.00	250.00	542,000.00
22	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,429	24.00	34,296.00	50.00	71,450.00
23	192049 (F)	STRUCTURE EXCAVATION (SOLDIER PILE WALL)		CY	545	54.00	29,430.00	75.00	40,875.00
24	193003 (F)	STRUCTURE BACKFILL (BRIDGE)		CY	3,099	83.00	257,217.00	50.00	154,950.00
25	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	712	72.00	51,264.00	50.00	35,600.00
26	193029 (F)	STRUCTURE BACKFILL (SOLDIER PILE WALL)		CY	31	310.00	9,610.00	200.00	6,200.00
27	193116 (F)	CONCRETE BACKFILL (SOLDIER PILE WALL)		CY	335	361.00	120,935.00	350.00	117,250.00
28	193119 (F)	LEAN CONCRETE BACKFILL		CY	159	315.00	50,085.00	350.00	55,650.00
29	194001	DITCH EXCAVATION		CY	1,617	12.00	19,404.00	10.00	16,170.00
30	198010 (F)	IMPORTED BORROW	Like 4	CY	8,265	2.70	22,315.50	1.00	8,265.00
31	198208	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B1		SQYD	1,096	14.00	15,344.00	25.00	27,400.00
32	208603 (P-F)	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		LF	40	78.00	3,120.00	80.00	3,200.00
33	210110	IMPORTED TOP SOIL		CY	94	59.00	5,546.00	58.00	5,452.00
34	210300	HYDROMULCH		SQFT	129,718	0.07	9,080.26	0.07	9,080.26
35	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	113,938	0.18	20,508.84	0.18	20,508.84

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36	210430	HYDROSEED (VEGETATED SWALE MIX)		SQFT	15,780	0.30	4,734.00	0.30	4,734.00
37	032100	CELLULAR CONFINEMENT SYSTEM		SQYD	554	32.00	17,728.00	32.00	17,728.00
38	210610	COMPOST		CY	1,529	29.50	45,105.50	30.00	45,870.00
39	210630	INCORPORATE MATERIALS		SQFT	124,725	0.03	3,741.75	0.03	3,741.75
40	211111	PERMANENT EROSION CONTROL ESTABLISHMENT WORK		LS	1	55,300.00	55,300.00	50,000.00	50,000.00
41	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	3,474	41.00	142,434.00	65.00	225,810.00
42	377501	SLURRY SEAL		TON	9	1,550.00	13,950.00	2,500.00	22,500.00
43	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	7,164	65.00	465,660.00	75.00	537,300.00
44	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	344	143.00	49,192.00	164.00	56,416.00
45	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)		LF	300	17.50	5,250.00	15.00	4,500.00
46	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	4,401	22.00	96,822.00	50.00	220,050.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT		SQYD	1,450	6.50	9,425.00	9.00	13,050.00
48	477020 (P-F)	MECHANICALLY STABILIZED EMBANKMENT		SQFT	7,703	103.00	793,409.00	70.00	539,210.00
49	034900 (P)	STEEL SOLDIER PILE (W12X79)		LF	426	71.00	30,246.00	110.00	46,860.00
50	034901 (P)	STEEL SOLDIER PILE (W18X175)		LF	485	138.00	66,930.00	170.00	82,450.00
51	034902 (P)	STEEL SOLDIER PILE (W24X250)		LF	638	229.00	146,102.00	250.00	159,500.00
52	034903 (P)	STEEL SOLDIER PILE (W24X335)		LF	747	304.00	227,088.00	310.00	231,570.00
53	490400	24" DRILLED HOLE		LF	418	106.00	44,308.00	100.00	41,800.00
54	490406	36" DRILLED HOLE		LF	1,850	141.00	260,850.00	140.00	259,000.00
55	490609	60" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,045	1,245.00	1,301,025.00	800.00	836,000.00
56	490618	96" CAST-IN-DRILLED HOLE CONCRETE PILING		LF	1,435	3,200.00	4,592,000.00	2,500.00	3,587,500.00
57	490688	96" CAST-IN-DRILLED HOLE CONCRETE PILING (ROCK SOCKET)		LF	572	3,244.00	1,855,568.00	6,500.00	3,718,000.00

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58	500001 (P)	PRESTRESSING CAST-IN-PLACE CONCRETE		LS	1	863,000.00	863,000.00	800,000.00	800,000.00
59	510051 (F)	STRUCTURAL CONCRETE BRIDGE FOOTING		CY	739	300.00	221,700.00	500.00	369,500.00
60	510053 (F)	STRUCTURAL CONCRETE BRIDGE		CY	8,594	1,278.04	10,983,475.76	1,159.00	9,960,446.00
61	510054 (F)	STRUCTURAL CONCRETE BRIDGE (POLYMER FIBER)		CY	3,156	426.00	1,344,456.00	750.00	2,367,000.00
62	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	466	487.06	226,969.96	1,000.00	466,000.00
63	510072 (F)	STRUCTURAL CONCRETE, BARRIER SLAB		CY	275	534.00	146,850.00	750.00	206,250.00
64	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)		CY	286	678.00	193,908.00	1,000.00	286,000.00
65	510092 (F)	STRUCTURAL CONCRETE, HEADWALL		CY	27	2,000.00	54,000.00	2,500.00	67,500.00
66	510094 (F)	STRUCTURAL CONCRETE, DRAINAGE INLET		CY	147	2,030.00	298,410.00	2,500.00	367,500.00
67	510501 (F)	MINOR CONCRETE		CY	22	12,700.00	279,400.00	4,000.00	88,000.00
68	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	30	835.00	25,050.00	2,000.00	60,000.00
69	511035 (F)	ARCHITECTURAL TREATMENT		SQFT	13,338	31.00	413,478.00	30.00	400,140.00
70	035100	FURNISH & ERECT PRECAST CONCRETE PANELS (BAT HOUSES)		LS	1	18,400.00	18,400.00	30,000.00	30,000.00
71	518051 (P)	PTFE SPHERICAL BEARINGS		EA	11	20,000.00	220,000.00	12,000.00	132,000.00
72	519095 (P)	JOINT SEAL ASSEMBLY (MR ≤ 4")		LF	197	166.00	32,702.00	450.00	88,650.00
73	519106 (P)	JOINT SEAL ASSEMBLY (MR = 7.5")		LF	97	2,230.00	216,310.00	925.00	89,725.00
74	520102 (P-F)	BAR REINFORCING STEEL (BRIDGE)		LB	4,587,358	1.00	4,587,358.00	1.00	4,587,358.00
75	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	102,842	1.00	102,842.00	1.00	102,842.00
76	520120 (P-F)	HEADED BAR REINFORCEMENT		EA	4,885	40.00	195,400.00	10.00	48,850.00
77	575004 (P-F)	TIMBER LAGGING [PERMANENT]		MFBM	33	5,010.00	165,330.00	4,250.00	140,250.00
78	035800 (P-F)	SOUNDWALL (MASONRY W/PLEXIGLASS)		SQFT	4,517	81.36	367,503.12	48.00	216,816.00
79	590120	CLEAN AND PAINT STEEL SOLDIER PILING		LS	1	233,500.00	233,500.00	80,000.00	80,000.00

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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
80	600017	REMOVE RETAINING WALL (MECHANICALLY STABILIZED EMBANKMENT)		LF	368	60.00	22,080.00	30.00	11,040.00
81	600097	BRIDGE REMOVAL		LS	1	588,000.00	588,000.00	350,000.00	350,000.00
82	650014 (P)	18" REINFORCED CONCRETE PIPE		LF	2,870	179.00	513,730.00	125.00	358,750.00
83	650018 (P)	24" REINFORCED CONCRETE PIPE		LF	482	153.00	73,746.00	150.00	72,300.00
84	703460 (P)	24" WELDED STEEL PIPE CASING (BRIDGE)		LF	70	382.00	26,740.00	500.00	35,000.00
85	705204	18' CONCRETE FLARED END SECTION		EA	1	2,260.00	2,260.00	3,000.00	3,000.00
86	705517	18" AUTOMATIC DRAINAGE GATE		EA	1	3,760.00	3,760.00	10,000.00	10,000.00
87	707467	36" REINFORCED CONCRETE PIPE RISER		LF	57	315.00	17,955.00	250.00	14,250.00
88	721810	SLOPE PAVING CONCRETE		CY	6	3,080.00	18,480.00	2,000.00	12,000.00
89	723030	ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	6,606	148.00	977,688.00	85.00	561,510.00
90	723080	ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	3,520	148.00	520,960.00	80.00	281,600.00
91	723150	CONCRETED ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A)		CY	925	245.00	226,625.00	125.00	115,625.00
92	723180	CONCRETED ROCK SLOPE PROTECTION (60 lb, CLASS II, METHOD B)		CY	113	245.00	27,685.00	110.00	12,430.00
93	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)		SQYD	6,897	5.00	34,485.00	1.00	6,897.00
94	037300	MINOR CONCRETE (MEDIAN)[TYPE D,CRS 204]		CY	315	714.00	224,910.00	1,100.00	346,500.00
95	730040	MINOR CONCRETE (GUTTER)		LF	905	56.00	50,680.00	35.00	31,675.00
96	731504	MINOR CONCRETE (CURB AND GUTTER) [TYPE A-8, CRS 201]		LF	3,103	54.00	167,562.00	35.00	108,605.00
97	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	580	14.00	8,120.00	20.00	11,600.00
98	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	11,800	7.50	88,500.00	9.00	106,200.00
99	731623	MINOR CONCRETE (CURB RAMP) [ALL CASES]		EA	4	3,724.00	14,896.00	2,500.00	10,000.00
100	037301	SURVEYING AND MONITORING OF EXISTING NON-HWY FACILITY		LS	1	105,000.00	105,000.00	25,000.00	25,000.00

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ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
101	750001 (P-F)	MISCELLANEOUS IRON AND STEEL		LB	10,616	1.90	20,170.40	3.00	31,848.00
102	750501 (P-F)	MISCELLANEOUS METAL BRIDGE		LB	49,895	4.30	214,548.50	10.00	498,950.00
103	750502 (P-F)	MISCELLANEOUS METAL (RETAINING WALL)		LB	1,542	26.50	40,863.00	12.00	18,504.00
104	750505 (P-F)	BRIDGE DECK DRAINAGE SYSTEM		LB	60,897	7.00	426,279.00	10.00	608,970.00
105	770030 (P)	SIGNAL AND LIGHTING (MODIFICATION - DETROIT STREET)		LS	1	217,500.00	217,500.00	200,000.00	200,000.00
106	770050 (P)	SIGNAL AND LIGHTING (MODIFICATION - CITRUS STREET)		LS	1	195,000.00	195,000.00	210,000.00	210,000.00
107	770090 (P)	LIGHTING (HAMNER AVENUE)		LS	1	228,000.00	228,000.00	170,000.00	170,000.00
108	780460 (F)	ANTI-GRAFFITI COATING		SQFT	14,519	1.40	20,326.60	3.00	43,557.00
109	038000 (P)	FENCE (PVC EQUESTRIAN)		LF	1,633	30.00	48,990.00	40.00	65,320.00
110	800360 (P)	CHAINLINK FENCE (TYPE CL-6)	Like 14	LF	780	69.00	53,820.00	40.00	31,200.00
111	802501 (P)	4' CHAINLINK GATE (TYPE CL-6)		EA	1	1,166.00	1,166.00	3,500.00	3,500.00
112	802670 (P)	24' CHAINLINK GATE (TYPE CL-6)		EA	1	3,808.00	3,808.00	10,000.00	10,000.00
113	810200	TEMPORARY DELINEATOR (CLASS I)		EA	567	55.00	31,185.00	50.00	28,350.00
114	820134	OBJECT MARKER (TYPE P)		EA	4	55.00	220.00	75.00	300.00
115	820610	RELOCATE ROADSIDE SIGN		EA	11	140.00	1,540.00	300.00	3,300.00
116	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	23	127.00	2,921.00	400.00	9,200.00
117	832007 (P)	MIDWEST GUARD RAIL SYSTEM (WOOD POST)		LF	612	86.00	52,632.00	50.00	30,600.00
118	038300 (P-F)	CONCRETE RAILING		LF	1,230	163.00	200,490.00	130.00	159,900.00
119	038301 (P-F)	METAL RAILING (TYPE A)		LF	2,520	195.00	491,400.00	215.00	541,800.00
120	038302 (P-F)	METAL RAILING (TYPE B)		LF	1,230	355.00	436,650.00	365.00	448,950.00
121	038303 (P-F)	RETAINING WALL RAILING		LF	97	292.00	28,324.00	260.00	25,220.00
122	839521 (P-F)	CABLE RAILING	Like 16	LF	900	31.00	27,900.00	30.00	27,000.00
123	839584	ALTERNATE IN-LINE TERMINAL SYSTEM		EA	2	3,980.00	7,960.00	5,000.00	10,000.00

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124	839640	CONCRETE BARRIER (TYPE 60M)		LF	136	103.00	14,008.00	290.00	39,440.00
125	839642	CONCRETE BARRIER (TYPE 60MC)		LF	148	173.00	25,604.00	320.00	47,360.00
126	839643	CONCRETE BARRIER (TYPE 60MD)		LF	415	93.00	38,595.00	125.00	51,875.00
127	839647	CONCRETE BARRIER (TYPE 60MGC) [MOD]		LF	545	213.00	116,085.00	160.00	87,200.00
128	038304 (F)	CONCRETE BARRIER (TYPE 85)		LF	2,913	370.00	1,077,810.00	260.00	757,380.00
129	038305 (F)	CONCRETE BARRIER (TYPE 842)		LF	97	349.00	33,853.00	350.00	33,950.00
130	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	12,545	0.45	5,645.25	1.00	12,545.00
131	840506	8" THERMOPLASTIC TRAFFIC STRIPE	Like 18	LF	937	0.89	833.93	1.25	1,171.25
132	840515	THERMOPLASTIC PAVEMENT MARKING		SQFT	201	5.09	1,023.09	4.00	804.00
133	840529	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)		LF	13,426	0.70	9,398.20	0.50	6,713.00
134	870200	LIGHTING SYSTEM (BRIDGE)		LS	1	277,000.00	277,000.00	250,000.00	250,000.00
135	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	2,800,000.00	2,800,000.00	2,800,000.00	2,800,000.00
135.A	000003	SPLIT STEEL CASING PIPE [FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND ALL REQUIREMENTS IN ACCORDANCE WITH CHINO BASIN DESALTER AUTHORITY PLANS AND SPECIAL PROVISIONS]		LF	130	1,040.00	135,200.00	950.00	123,500.00
<b>BASE BID 1 SUBTOTAL ITEMS 1-135.A</b>							<b>47,868,243.66</b>		<b>47,721,181.10</b>

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**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 1 - CITY OF NORCO, BRIDGE CROSSING WATER LINE REPLACEMENT						6 Griffith Company Brea, CA 92821		7 Steve P. Rados, Inc. Santa Ana, CA 92705	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
136	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,152	200.00	230,400.00	200.00	230,400.00
137	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (CML/C), BENDS, COUPLINGS, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	120	742.00	89,040.00	500.00	60,000.00
138	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH STEEL PIPE (EPOXY COATED AND CEMENT MORTAR LINED), GASKETS, FITTINGS (INSIDE BRIDGE CELLS) COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,278	333.00	425,574.00	225.00	287,550.00
139	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	3	9,525.00	28,575.00	10,500.00	31,500.00
140	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 30-INCH STEEL PIPE CASING, WALL THICKNESS = 0.3750, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, GASKETS, COUPLINGS, FITTINGS, END CAPS, SKIDS BANDINGS, COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	76	313.40	23,818.40	500.00	38,000.00
141	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DOUBLE BALL FLEX-TEND ASSEMBLY, INCLUDING: EXCAVATION, BACKFILL, COMPACTION, FLEX-TEND, GASKETS, COUPLINGS, FITTINGS FOR EACH FLEX-TEND ASSEMBLY UNIT INSTALLED FOR THE PRICE OF:		EA	2	37,500.00	75,000.00	30,000.00	60,000.00
142	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2-INCH BLOW-OFF ASSEMBLY, INCLUDING: GATES, BENDS, PIPING, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, COMPLETE FOR THE UNIT PRICE OF:		EA	1	4,693.00	4,693.00	7,500.00	7,500.00



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143	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 2" COMBINATION AIR RELEASE VALVE ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION, FOR THE UNIT PRICE OF:		EA	2	13,817.00	27,634.00	10,000.00	20,000.00
144	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL A.C PAVEMENT, INCLUDING: TEMPORARY AND PERMANENT A.C. PAVEMENTS, AGGREGATE BASE, EXCAVATION, COMPACTION COMPLETE FOR THE LINEAL FOOT PRICE OF:		LF	1,320	8.00	10,560.00	40.00	52,800.00
145	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, DISINFECT AND FLUSH NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	26,700.00	26,700.00	15,000.00	15,000.00
		<b>ALT. BID 1 SUBTOTAL ITEMS 136-145</b>					<b>941,994.40</b>		<b>802,750.00</b>

**ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT**

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
146	070030	LEAD COMPLIANCE PLAN		LS	1	500.00	500.00	2,000.00	2,000.00
147	120100	TRAFFIC CONTROL SYSTEM		LS	1	15,000.00	15,000.00	30,000.00	30,000.00
148	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN		LS	1	2,500.00	2,500.00	2,000.00	2,000.00
149	170103	CLEARING AND GRUBBING [ INCLUDES BUT IS NOT LIMITED TO REMOVALS LISTED IN DEMOLITION NOTES OF PLANS ]		LS	1	109,000.00	109,000.00	75,000.00	75,000.00
150	031500	REMOVE, SALVAGE, RECONSTRUCT NORCO ENTRY MONUMENT WITH STONE VENEER		LS	1	58,500.00	58,500.00	55,000.00	55,000.00
151	190101 (F)	ROADWAY EXCAVATION	Like 1	CY	528	29.00	15,312.00	35.00	18,480.00
152	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	Like 2	CY	1,220	24.00	29,280.00	50.00	61,000.00
153	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	Like 3	CY	960	72.00	69,120.00	50.00	48,000.00
154	198010 (F)	IMPORTED BORROW	Like 4	CY	520	2.70	1,404.00	1.00	520.00

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155	032000	STONE VENEER FOR SOUTH RETAINING WALL		SQFT	1,600	120.00	192,000.00	100.00	160,000.00
156	032001	DECORATIVE BOULDERS (3' DIA)		EA	3	615.00	1,845.00	685.00	2,055.00
157	032002	DECORATIVE BOULDERS (2' DIA)		EA	7	516.00	3,612.00	580.00	4,060.00
158	032003	DECORATIVE BOULDERS (1' DIA)		EA	5	410.31	2,051.55	460.00	2,300.00
159	200114	ROCK BLANKET (MORTARED ROCK COBBLE - 2,100 SQFT)		TON	35	934.90	32,721.50	1,212.00	42,420.00
160	202006	SOIL AMENDMENT		SQFT	17,450	0.63	10,993.50	0.70	12,215.00
161	202038	PACKET FERTILIZER		EA	2,701	0.19	513.19	0.20	540.20
162	204011	PLANT (GROUP K)		EA	40	352.00	14,080.00	394.00	15,760.00
163	204035	PLANT (GROUP A)		EA	236	6.00	1,416.00	6.50	1,534.00
164	204036	PLANT (GROUP B)		EA	755	16.00	12,080.00	17.00	12,835.00
165	204099	PLANT ESTABLISHMENT PERIOD (90-DAYS)		SQFT	17,450	0.33	5,758.50	0.50	8,725.00
166	205034	DECOMPOSED GRANITE (3" DEPTH - 4,000 SQFT)		TON	50	334.00	16,700.00	227.00	11,350.00
167	205035	3" WOOD MULCH		SQFT	13,450	0.50	6,725.00	0.55	7,397.50
168	032004	IRRIGATION SYSTEM		LS	1	63,341.00	63,341.00	85,000.00	85,000.00
169	032005	ADJUST IRRIGATION		LS	1	2,448.00	2,448.00	2,700.00	2,700.00
170	210110	IMPORTED TOPSOIL - 12"-14" DEPTH (6,200 SQFT)		CY	270	38.00	10,260.00	42.00	11,340.00
171	210430	HYDROSEED (EROSION CONTROL MIX)		SQFT	1,260	1.14	1,436.40	1.00	1,260.00
172	260203	CLASS 2 AGGREGATE BASE	Like 5	CY	1,364	41.00	55,924.00	65.00	88,660.00
173	377501	SLURRY SEAL		TON	169	380.00	64,220.00	500.00	84,500.00
174	390132	HOT MIX ASPHALT (TYPE A)	Like 6	TON	1,428	65.00	92,820.00	75.00	107,100.00
175	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 7	TON	335	143.00	47,905.00	164.00	54,940.00
176	198215	SUBGRADE ENHANCEMENT GEOGRID		SQYD	4,871	7.85	38,237.35	15.00	73,065.00
177	398000 (F)	REMOVE ASPHALT CONCRETE PAVEMENT	Like 8	CY	719	22.00	15,818.00	50.00	35,950.00

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Project No. C9-0019

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**5 (9/17/2020), 6 (9/24/2020), 7 (10/1/2020), 8 (10/6/2020)**  
**Bids Open: 2 pm Date: Wednesday, October 7, 2020**

ALTERNATIVE BID SCHEDULE 2 - HAMNER AVENUE WIDENING PROJECT						6 Griffith Company Brea, CA 92821		7 Steve P. Rados, Inc. Santa Ana, CA 92705	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
178	475000	RETAINING WALL STEM (TYPE 6)		SQFT	3,120	32.08	100,089.60	60.00	187,200.00
179	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	Like 9	CY	292	487.06	142,221.52	1,000.00	292,000.00
180	510502 (F)	MINOR CONCRETE (MINOR STRUCTURES)	Like 10	CY	10	835.00	8,350.00	2,000.00	20,000.00
181	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	Like 11	LB	32,920	1.00	32,920.00	1.00	32,920.00
182	600017	REMOVE RETAINING WALL		LF	242	40.00	9,680.00	50.00	12,100.00
183	650316 (P)	24" REINFORCED CONCRETE PIPE (CLASS III)		LF	10	427.00	4,270.00	750.00	7,500.00
184	730070	DETECTABLE WARNING SURFACE		SQFT	270	50.50	13,635.00	40.00	10,800.00
185	731504	MINOR CONCRETE (CURB AND GUTTER)		LF	2,171	36.00	78,156.00	40.00	86,840.00
186	731507	MINOR CONCRETE (GUTTER DEPRESSION)		CY	2	800.00	1,600.00	1,000.00	2,000.00
187	731516	MINOR CONCRETE (DRIVEWAY)	Like 12	SQFT	278	14.00	3,892.00	20.00	5,560.00
188	731521	MINOR CONCRETE (SIDEWALK)	Like 13	SQFT	10,231	7.50	76,732.50	9.00	92,079.00
189	731623	MINOR CONCRETE (CURB RAMP) (COLORED/STAMPED)		CY	7	4,600.00	32,200.00	1,500.00	10,500.00
190	037500	STEEL PIPE BOLLARDS		EA	37	698.07	25,828.59	750.00	27,750.00
191	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	Like 14	LF	320	69.00	22,080.00	40.00	12,800.00
192	800103	CHAIN LINK FENCE (TYPE CL-6) (TEMPORARY)		LF	513	30.00	15,390.00	20.00	10,260.00
193	810150	RESET MARKERS AND DELINEATORS		EA	339	55.00	18,645.00	25.00	8,475.00
194	820840	ROADSIDE SIGN - ONE POST	Like 15	EA	12	127.00	1,524.00	400.00	4,800.00
195	820850	ROADSIDE SIGN - TWO POST		EA	1	250.00	250.00	1,000.00	1,000.00
196	839521 (P-F)	CABLE RAILING	Like 16	LF	616	31.00	19,096.00	30.00	18,480.00
197	038306 (P)	METAL RAILING FENCE ON RETAINING WALL		LF	227	238.00	54,026.00	260.00	59,020.00
198	038307 (P)	6' METAL RAILING FENCE		LF	150	405.00	60,750.00	235.00	35,250.00
199	840505	6" THERMOPLASTIC TRAFFIC STRIPE	Like 17	LF	9,493	0.45	4,271.85	1.00	9,493.00
200	840506	8" THERMOPLASTIC STRIPE	Like 18	LF	1,563	0.89	1,391.07	1.25	1,953.75

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201	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING		SQFT	2,491	4.56	11,358.96	4.00	9,964.00
202	840522	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)		LF	281	1.14	320.34	0.50	140.50
203	840531	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 18-12)		LF	10,492	0.40	4,196.80	0.50	5,246.00
204	870200 (P)	LIGHTING SYSTEM No. 1, S/O DETROIT STREET		LS	1	17,900.00	17,900.00	19,000.00	19,000.00
205	870200 (P)	LIGHTING SYSTEM No. 2, N/O CITRUS AVENUE		LS	1	72,000.00	72,000.00	75,000.00	75,000.00
206	872130	MODIFYING EXISTING ELECTRICAL SYSTEM		LS	1	36,000.00	36,000.00	38,000.00	38,000.00
207	872140	REMOVING EXISTING ELECTRICAL SYSTEM		LS	1	13,000.00	13,000.00	13,500.00	13,500.00
208	870400 (P)	SIGNAL AND LIGHTING SYSTEM		LS	1	150,000.00	150,000.00	150,000.00	150,000.00
209	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, SHORING AND SHEETING, BEDDING, BACKFILL, COMPACTION COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	1,012	263.00	266,156.00	300.00	303,600.00
210	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH DUCTILE IRON PIPE WATER LATERAL, CLASS 52, BENDS, COUPLINGS, GASKETS, FITTINGS (POLY-WRAP), THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, FLANGED AT END, COMPLETE FOR THE LINEAL FOOT SUM PRICE OF:		LF	35	555.00	19,425.00	500.00	17,500.00
211	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 20-INCH BUTTERFLY VALVE, INCLUDING: VALVE BOX AND COVER, SLEEVE, GASKETS, FITTINGS, THRUST BLOCKS, EXCAVATION, BEDDING, BACKFILL, COMPACTION, COMPLETE FOR EACH VALVE INSTALLED PRICE OF:		EA	2	10,950.00	21,900.00	8,000.00	16,000.00
212	000003	SUPPORT OF ALL EXISTING UTILITES SHOWN ON THE PLANS INCLUDING CONTROL DENSITY BACKFILL AND TEMPORY SUPPORT FOR THE LUMP SUM OF:		LS	1	5,100.00	5,100.00	3,000.00	3,000.00
213	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL FIRE HYDRANT ASSEMBLY AND HYDRANT MARKER PER CITY OF NORCO STD. DWG 430 COMPLETED FOR EACH HYDRANT INSTALLED PRICE OF:		EA	1	16,625.00	16,625.00	15,000.00	15,000.00

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214	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO INSTALL 4-INCH AIR RELEASE VALVE AND VACUUM ASSEMBLY, INCLUDING: PIPING, VALVES, BENDS, COUPLINGS, GASKETS, FITTINGS, EXCAVATION, BACKFILL, COMPACTION PER DETAIL ON SHEET 3, FOR THE UNIT PRICE OF:		EA	1	23,100.00	23,100.00	15,000.00	15,000.00
215	000003	ABANDON EXISTING 20-INCH DIAMETER WELDED STEEL PIPE WATERLINE, PRESSURE GROUT AND CAP ENDS FOR THE LUMP SUM PRICE OF:		LS	1	29,700.00	29,700.00	15,000.00	15,000.00
216	000003	FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT AS REQUIRED TO PRESSURE TEST, CHLORINATE AND DISINFECT, FLUSH AND BAC-T SAMPLE NEW WATER LINES, COMPLETE FOR THE LUMP SUM PRICE OF:		LS	1	11,400.00	11,400.00	10,000.00	10,000.00
217	999990	MOBILIZATION [INCLUDES DEMOBILIZATION AND FINAL CLEANUP]		LS	1	11,900.00	11,900.00	160,000.00	160,000.00
		<b>ALT. BID 2 SUBTOTAL ITEMS 146-217</b>					<b>2,430,603.22</b>		<b>2,932,437.95</b>

<b>PROJECT TOTAL ITEMS 1 - 217</b>						<b>51,240,841.28</b>		<b>51,456,369.05</b>	
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# Subcontractors

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 C9-0019

**Apparent Low Bidder:** OHL USA, Inc.

Subcontractor Name	Description of Work/ Bid Items
Legacy Foundation Irvine, CA 92618 Lic. No. 1012954 Dir Reg No. 10000044038	135, 55, 56, 57 CIDH Concrete Piles (Partial)
Griffith Company Brea, CA 92821 Lic. No. 88 Dir Reg No. 1000005611	32-39, 156-171 Irrigation, Landscape, Top Soil
RJ Noble Company Orange, CA 92856 Lic. No. 782908 Dir Reg No. 1000004235	43, 44, 45, 47, 174, 175 Furnish and Install Asphalt Concrete
MSL Electric, Inc. Anaheim, CA 92806 Lic. No. 822450 Dir Reg No. 1000000550	105, 106, 107, 134 Signal and Lighting
Bert W Salas, Inc. Santee, CA 92071 Lic. No. 275199 Dir Reg No. 1000004246	89-93, 135 Rock Slope Protection (Partial)
Schwager Davis, Inc. San Jose, CA 95136 Lic. No. 492582 Dir Reg No. 1000005118	58 Prestressing Bridge (Partial)
Ace Fence Company Puente, CA 91746 Lic. No. 996577 Dir Reg No. 1000004092	109, 110, 111, 112, 117, 119, 120, 121, 122, 123, 190, 191, 192, 196, 197, 198 Guardrailing and Fence

Subcontractor Name	Description of Work/ Bid Items
<b>CGO Construction Company, Inc.</b> Ontario, CA 91761 Lic. No. 532200 Dir Reg No. 1000013024	17 Clearing and Grubbing of Vegetation (Partial)
<b>Don H Mahffey Drilling Co</b> Compton, CA 90221 Lic. No. 139513 Dir Reg No. 1000033440	27, 28, 49, 50, 51, 52, 53, 54 Drilling and Placing Concrete for Piles (Partial)
<b>Pacific Steel Group</b> San Diego, CA 92123 Lic. No. 997880 Dir Reg No. 1000004101	63, 64, 74, 75, 76, 78, 88, 118, 124, 125, 126, 127, 128, 129, 181 Furnish and Install Rebar (Partial)
<b>Penhall Company</b> Anaheim, CA 92801 Lic. No. 568673 Dir Reg No. 1000000860	72, 73, 81 Bridge Removal and Joint Seal
<b>Malcolm Drilling Company</b> Irwindale, CA Lic. No. 259543 Dir Reg No. 1000003389	19 Ground Improvement (Partial)
<b>Reyes Masonry Contractors, Inc.</b> Santa Paula, CA 93061 Lic. No. 447670 Dir Reg No. 1000000226	78, 155, 178 Block and Plexiglass (Partial)
<b>ACL Construction Co, Inc.</b> Chino Hills, CA 91709 Lic. No. 468840 Dir Reg No. 1000008098	118, 124, 125, 126, 127, 128, 129 Form and Pour Barrier Rail (Partial)