



County of Los Angeles Department of Public Works
 Construction Division
BID SUMMARY
 (sorted by Unit Price Total)

Project Name: Aviation Boulevard
Project ID: TSM0010190
Bids Opened: 1/5/2016
Office Engineer: Ali Dana 626-458-3110

Addenda: 0
Duration: 80 Working Day(s)

Engineer's Estimate (1) Elecnor Belco Electric, Inc. (2) California Professional
 Electrical Engineering

(1) Preliminary Bid Amount				\$1,316,286.00		\$1,352,897.25					
(2) Unit Price Detail											
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	TRAFFIC CONTROL	1	\$25,000.00	LS	\$25,000.00	\$26,000.00	\$26,000.00	\$38,000.00	\$38,000.00		
2	MOBILIZATION	1	\$60,000.00	LS	\$60,000.00	\$45,000.00	\$45,000.00	\$1,000.00	\$1,000.00		
3	CONCRETE REMOVAL (NON-REINFORCED)	46	\$125.00	CY	\$5,750.00	\$240.00	\$11,040.00	\$270.00	\$12,420.00		
4	UNCLASSIFIED EXCAVATION	17	\$80.00	CY	\$1,360.00	\$242.00	\$4,114.00	\$504.00	\$8,568.00		
5	CRUSHED MISCELLANEOUS BASE	33	\$80.00	CY	\$2,640.00	\$173.00	\$5,709.00	\$270.00	\$8,910.00		
6	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	19	\$250.00	CY	\$4,750.00	\$215.00	\$4,085.00	\$450.00	\$8,550.00		
7	AC PAVEMENT(PATCH BACK)	24	\$450.00	TON	\$10,800.00	\$320.00	\$7,680.00	\$510.00	\$12,240.00		
8	PCC CURB & GUTTER, TYPE A2-VAR	593	\$25.00	LF	\$14,825.00	\$45.00	\$26,685.00	\$30.00	\$17,790.00		
9	PCC WALK & CURB RAMPS, 4" THICK	1746	\$10.00	SF	\$17,460.00	\$13.00	\$22,698.00	\$9.00	\$15,714.00		
10	DETECTABLE WARNING SURFACE	936	\$50.00	SF	\$46,800.00	\$48.00	\$44,928.00	\$60.00	\$56,160.00		
11	1" CONDUIT (SCH 80 PVC)	245	\$25.00	LF	\$6,125.00	\$25.00	\$6,125.00	\$40.00	\$9,800.00		
12	2" CONDUIT (SCH 80 PVC)	2170	\$30.00	LF	\$65,100.00	\$35.00	\$75,950.00	\$30.00	\$65,100.00		
13	3" CONDUIT (SCH 80 PVC)	2110	\$40.00	LF	\$84,400.00	\$40.00	\$84,400.00	\$33.00	\$69,630.00		
14	2-PAIR DETECTOR LEAD-IN CABLE	7375	\$3.00	LF	\$22,125.00	\$1.40	\$10,325.00	\$2.50	\$18,437.50		
15	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	8610	\$2.00	LF	\$17,220.00	\$1.00	\$8,610.00	\$2.00	\$17,220.00		
16	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	2370	\$4.00	LF	\$9,480.00	\$2.00	\$4,740.00	\$2.50	\$5,925.00		

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Engineer's Estimate (1) Elecnor Belco Electric, Inc. (2) California Professional
 Electrical Engineering

(1) Preliminary Bid Amount		\$1,316,286.00				(2) California Professional Electrical Engineering				\$1,352,897.25			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
17	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	8800	\$5.00	LF	\$44,000.00	\$3.00	\$26,400.00	\$3.60	\$31,680.00				
18	#6 WIRE	1510	\$1.70	LF	\$2,567.00	\$1.50	\$2,265.00	\$2.00	\$3,020.00				
19	#10 WIRE	11525	\$1.80	LF	\$20,745.00	\$1.00	\$11,525.00	\$0.90	\$10,372.50				
20	#12 WIRE	1380	\$1.90	LF	\$2,622.00	\$0.80	\$1,104.00	\$0.80	\$1,104.00				
21	NO. 5 PULL BOX INCL PCC COVER	16	\$600.00	EA	\$9,600.00	\$550.00	\$8,800.00	\$500.00	\$8,000.00				
22	NO. 6 PULL BOX INCL PCC COVER	57	\$700.00	EA	\$39,900.00	\$600.00	\$34,200.00	\$600.00	\$34,200.00				
23	LOWER PULL BOX	1	\$400.00	EA	\$400.00	\$300.00	\$300.00	\$600.00	\$600.00				
24	REMOVE PULL BOX	7	\$100.00	EA	\$700.00	\$200.00	\$1,400.00	\$300.00	\$2,100.00				
25	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	4545	\$11.00	LF	\$49,995.00	\$7.00	\$31,815.00	\$7.90	\$35,905.50				
26	2-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	\$20,000.00	EA	\$20,000.00	\$24,000.00	\$24,000.00	\$23,500.00	\$23,500.00				
27	4-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	2	\$30,000.00	EA	\$60,000.00	\$37,000.00	\$74,000.00	\$37,000.00	\$74,000.00				
28	REMOVE TYPE 337 CABINET	1	\$500.00	EA	\$500.00	\$300.00	\$300.00	\$300.00	\$300.00				
29	REMOVE TYPE P CABINET	1	\$500.00	EA	\$500.00	\$300.00	\$300.00	\$300.00	\$300.00				
30	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	14	\$375.00	EA	\$5,250.00	\$200.00	\$2,800.00	\$200.00	\$2,800.00				
31	REMOVE TYPE 3 STANDARD (COMPLETE) (EXCL. FOUND.)	7	\$2,460.00	EA	\$17,220.00	\$300.00	\$2,100.00	\$350.00	\$2,450.00				
32	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$3,900.00	EA	\$7,800.00	\$400.00	\$800.00	\$500.00	\$1,000.00				
33	REMOVE TYPE 19 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$375.00	EA	\$375.00	\$400.00	\$400.00	\$900.00	\$900.00				
34	REMOVE TYPE 24 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$750.00	EA	\$750.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00				
35	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00				
36	REMOVE TYPE 33 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$900.00	EA	\$900.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00				

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
37	REMOVE VEHICLE HEAD (COMPLETE)	22	\$125.00	EA	\$2,750.00	\$100.00	\$2,200.00	\$125.00	\$2,750.00				
38	REMOVE PEDESTRIAN HEAD (COMPLETE)	59	\$125.00	EA	\$7,375.00	\$100.00	\$5,900.00	\$50.00	\$2,950.00				
39	REMOVE PEDESTRIAN PUSH BUTTON	54	\$55.00	EA	\$2,970.00	\$100.00	\$5,400.00	\$50.00	\$2,700.00				
40	REMOVE PPB POST COMPLETE	3	\$300.00	EA	\$900.00	\$100.00	\$300.00	\$50.00	\$150.00				
41	REMOVE STREET LIGHT	1	\$375.00	EA	\$375.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00				
42	REMOVE PRESSURE DETECTOR (COMPLETE)	1	\$2,000.00	EA	\$2,000.00	\$200.00	\$200.00	\$4,000.00	\$4,000.00				
43	REMOVE ELECTRICAL SERVICE	2	\$1,000.00	EA	\$2,000.00	\$400.00	\$800.00	\$300.00	\$600.00				
44	REMOVE SIGN	7	\$150.00	EA	\$1,050.00	\$38.00	\$266.00	\$40.00	\$280.00				
45	REMOVE SIGN POST	3	\$150.00	EA	\$450.00	\$38.00	\$114.00	\$40.00	\$120.00				
46	REMOVE TYPE 332 CABINET FOUNDATION	1	\$560.00	EA	\$560.00	\$400.00	\$400.00	\$500.00	\$500.00				
47	REMOVE TYPE 337 CABINET FOUNDATION	1	\$775.00	EA	\$775.00	\$400.00	\$400.00	\$500.00	\$500.00				
48	REMOVE TYPE P CABINET FOUNDATION	2	\$775.00	EA	\$1,550.00	\$400.00	\$800.00	\$500.00	\$1,000.00				
49	REMOVE TYPE 1 FOUNDATION	14	\$775.00	EA	\$10,850.00	\$600.00	\$8,400.00	\$600.00	\$8,400.00				
50	REMOVE TYPE 3 FOUNDATION	7	\$775.00	EA	\$5,425.00	\$600.00	\$4,200.00	\$800.00	\$5,600.00				
51	REMOVE TYPE 15 FOUNDATION	1	\$700.00	EA	\$700.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00				
52	REMOVE TYPE 17 FOUNDATION	2	\$775.00	EA	\$1,550.00	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00				
53	REMOVE TYPE 19 FOUNDATION	1	\$775.00	EA	\$775.00	\$800.00	\$800.00	\$1,500.00	\$1,500.00				
54	REMOVE TYPE 24 FOUNDATION	1	\$775.00	EA	\$775.00	\$1,000.00	\$1,000.00	\$1,700.00	\$1,700.00				
55	REMOVE TYPE 26 FOUNDATION	1	\$775.00	EA	\$775.00	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00				

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56	REMOVE TYPE 33 FOUNDATION	1	\$775.00	EA	\$775.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00				
57	REMOVE STREET LIGHT FOUNDATION	1	\$775.00	EA	\$775.00	\$600.00	\$600.00	\$500.00	\$500.00				
58	REMOVE PPB POST FOUNDATION	3	\$350.00	EA	\$1,050.00	\$400.00	\$1,200.00	\$200.00	\$600.00				
59	REMOVE ILD SENSOR UNIT	20	\$175.00	EA	\$3,500.00	\$60.00	\$1,200.00	\$15.00	\$300.00				
60	REMOVE RADIO CORRECTED TIME BASE UNIT	5	\$350.00	EA	\$1,750.00	\$100.00	\$500.00	\$100.00	\$500.00				
61	REMOVE STRIPING AND MARKINGS (PAINT)	50	\$6.50	SF	\$325.00	\$4.00	\$200.00	\$3.15	\$157.50				
62	REMOVE 12" STRIPING (PAINT)	1375	\$5.00	LF	\$6,875.00	\$3.00	\$4,125.00	\$3.15	\$4,331.25				
63	REMOVE 24" STRIPING (PAINT)	585	\$8.00	LF	\$4,680.00	\$5.00	\$2,925.00	\$4.50	\$2,632.50				
64	RELOCATE CAMERA (VIDEO DETECTION SYSTEM)	1	\$500.00	EA	\$500.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00				
65	RELOCATE CCTV CAMERA	1	\$500.00	EA	\$500.00	\$3,000.00	\$3,000.00	\$3,800.00	\$3,800.00				
66	RELOCATE TYPE 332 CABINET (COMPLETE)	1	\$3,000.00	EA	\$3,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00				
67	RELOCATE TYPE P CABINET (COMPLETE)	1	\$3,000.00	EA	\$3,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00				
68	RELOCATE CONTROLLER	1	\$1,100.00	EA	\$1,100.00	\$200.00	\$200.00	\$1,000.00	\$1,000.00				
69	RELOCATE TYPE 15 STANDARD (COMPLETE)	1	\$1,000.00	EA	\$1,000.00	\$1,300.00	\$1,300.00	\$3,500.00	\$3,500.00				
70	RELOCATE EV PREEMPTION UNIT	2	\$900.00	EA	\$1,800.00	\$750.00	\$1,500.00	\$1,500.00	\$3,000.00				
71	RELOCATE INTERNALLY ILLUMINATED STREET NAME SIGN	1	\$350.00	EA	\$350.00	\$200.00	\$200.00	\$900.00	\$900.00				
72	RELOCATE SIGN	1	\$150.00	EA	\$150.00	\$320.00	\$320.00	\$300.00	\$300.00				
73	TYPE 170 ATC/HC-11 CONTROLLER	1	\$3,000.00	EA	\$3,000.00	\$2,100.00	\$2,100.00	\$2,200.00	\$2,200.00				
74	GPS UTB UNIT AND ANTENNA	9	\$1,650.00	EA	\$14,850.00	\$1,600.00	\$14,400.00	\$2,750.00	\$24,750.00				
75	SWITCH PACK	28	\$65.00	EA	\$1,820.00	\$40.00	\$1,120.00	\$30.00	\$840.00				
76	PED ISOLATION MODULE	4	\$200.00	EA	\$800.00	\$60.00	\$240.00	\$50.00	\$200.00				

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77	EV PREEMPTION MODULE FOR HARDWIRE EV	3	\$200.00	EA	\$600.00	\$4,000.00	\$12,000.00	\$2,500.00	\$7,500.00				
78	2-CHANNEL ILD SENSOR UNIT	19	\$225.00	EA	\$4,275.00	\$110.00	\$2,090.00	\$125.00	\$2,375.00				
79	2-CHANNEL ILD SENSOR UNIT (SENSITIVITY ADJUSTABLE)	8	\$225.00	EA	\$1,800.00	\$235.00	\$1,880.00	\$275.00	\$2,200.00				
80	TYPE 332 CABINET	2	\$6,000.00	EA	\$12,000.00	\$14,000.00	\$28,000.00	\$13,000.00	\$26,000.00				
81	TYPE 332 CABINET FOUNDATION	3	\$1,075.00	EA	\$3,225.00	\$1,200.00	\$3,600.00	\$1,200.00	\$3,600.00				
82	TYPE P CABINET FOUNDATION	1	\$1,075.00	EA	\$1,075.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00				
83	BBS AND BBS CABINET (COMPLETE)	2	\$3,000.00	EA	\$6,000.00	\$5,300.00	\$10,600.00	\$4,500.00	\$9,000.00				
84	TYPE III-BF SERVICE CABINET	2	\$3,000.00	EA	\$6,000.00	\$3,700.00	\$7,400.00	\$3,000.00	\$6,000.00				
85	TYPE III-BF SERVICE CABINET FOUNDATION	2	\$800.00	EA	\$1,600.00	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00				
86	REWIRE CONTROLLER CABINET	4	\$500.00	EA	\$2,000.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00				
87	TEMPORARY CONTROLLER CABINET	4	\$2,000.00	EA	\$8,000.00	\$1,500.00	\$6,000.00	\$2,000.00	\$8,000.00				
88	TYPE 1-A (7') STANDARD	1	\$725.00	EA	\$725.00	\$800.00	\$800.00	\$750.00	\$750.00				
89	TYPE 1-A (10') STANDARD	12	\$725.00	EA	\$8,700.00	\$900.00	\$10,800.00	\$750.00	\$9,000.00				
90	TYPE 15TS STANDARD	6	\$1,600.00	EA	\$9,600.00	\$2,000.00	\$12,000.00	\$2,150.00	\$12,900.00				
91	TYPE 17 STANDARD	3	\$3,000.00	EA	\$9,000.00	\$3,912.00	\$11,736.00	\$3,550.00	\$10,650.00				
92	TYPE 19 STANDARD	5	\$3,500.00	EA	\$17,500.00	\$5,900.00	\$29,500.00	\$6,000.00	\$30,000.00				
93	TYPE 24 STANDARD	1	\$4,200.00	EA	\$4,200.00	\$7,100.00	\$7,100.00	\$6,325.00	\$6,325.00				
94	TYPE 26 STANDARD	5	\$5,000.00	EA	\$25,000.00	\$7,300.00	\$36,500.00	\$6,700.00	\$33,500.00				
95	TYPE 29 STANDARD	1	\$5,000.00	EA	\$5,000.00	\$7,900.00	\$7,900.00	\$7,500.00	\$7,500.00				
96	TYPE 61 STANDARD	1	\$5,500.00	EA	\$5,500.00	\$9,000.00	\$9,000.00	\$8,600.00	\$8,600.00				
97	TEMPORARY TYPE 1 STANDARD	16	\$1,000.00	EA	\$16,000.00	\$1,000.00	\$16,000.00	\$1,500.00	\$24,000.00				
98	TEMPORARY TYPE 3 STANDARD	3	\$1,000.00	EA	\$3,000.00	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00				
99	TEMPORARY TYPE 17 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$2,000.00	\$4,000.00	\$3,500.00	\$7,000.00				

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100	TEMPORARY TYPE 19 STANDARD	3	\$1,500.00	EA	\$4,500.00	\$2,000.00	\$6,000.00	\$3,800.00	\$11,400.00				
101	TYPE 1-A STANDARD FOUNDATION	13	\$700.00	EA	\$9,100.00	\$1,000.00	\$13,000.00	\$1,200.00	\$15,600.00				
102	TYPE 15 STANDARD FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00				
103	TYPE 15TS STANDARD FOUNDATION	6	\$1,000.00	EA	\$6,000.00	\$2,200.00	\$13,200.00	\$2,300.00	\$13,800.00				
104	TYPE 17 STANDARD FOUNDATION	3	\$1,300.00	EA	\$3,900.00	\$3,000.00	\$9,000.00	\$2,400.00	\$7,200.00				
105	TYPE 19 STANDARD FOUNDATION	5	\$1,500.00	EA	\$7,500.00	\$3,000.00	\$15,000.00	\$3,200.00	\$16,000.00				
106	TYPE 24 STANDARD FOUNDATION	1	\$1,700.00	EA	\$1,700.00	\$4,900.00	\$4,900.00	\$4,000.00	\$4,000.00				
107	TYPE 26 STANDARD FOUNDATION	5	\$2,150.00	EA	\$10,750.00	\$4,900.00	\$24,500.00	\$4,000.00	\$20,000.00				
108	TYPE 29 STANDARD FOUNDATION	1	\$1,500.00	EA	\$1,500.00	\$4,900.00	\$4,900.00	\$4,500.00	\$4,500.00				
109	TYPE 61 STANDARD FOUNDATION	1	\$2,500.00	EA	\$2,500.00	\$5,800.00	\$5,800.00	\$6,000.00	\$6,000.00				
110	20' SIGNAL MAST ARM	3	\$2,000.00	EA	\$6,000.00	\$1,700.00	\$5,100.00	\$1,680.00	\$5,040.00				
111	25' SIGNAL MAST ARM	1	\$2,000.00	EA	\$2,000.00	\$2,100.00	\$2,100.00	\$2,350.00	\$2,350.00				
112	30' SIGNAL MAST ARM	3	\$2,075.00	EA	\$6,225.00	\$2,300.00	\$6,900.00	\$2,450.00	\$7,350.00				
113	35' SIGNAL MAST ARM	3	\$2,100.00	EA	\$6,300.00	\$2,500.00	\$7,500.00	\$2,650.00	\$7,950.00				
114	40' SIGNAL MAST ARM	2	\$3,000.00	EA	\$6,000.00	\$2,700.00	\$5,400.00	\$2,850.00	\$5,700.00				
115	45' SIGNAL MAST ARM	2	\$3,000.00	EA	\$6,000.00	\$2,900.00	\$5,800.00	\$3,150.00	\$6,300.00				
116	55' SIGNAL MAST ARM	1	\$3,000.00	EA	\$3,000.00	\$3,900.00	\$3,900.00	\$4,300.00	\$4,300.00				
117	60' SIGNAL MAST ARM	1	\$3,000.00	EA	\$3,000.00	\$7,900.00	\$7,900.00	\$8,450.00	\$8,450.00				
118	6' LUMINAIRE MAST ARM	3	\$350.00	EA	\$1,050.00	\$340.00	\$1,020.00	\$350.00	\$1,050.00				
119	8' LUMINAIRE MAST ARM	4	\$450.00	EA	\$1,800.00	\$350.00	\$1,400.00	\$370.00	\$1,480.00				
120	12' LUMINAIRE MAST ARM	13	\$430.00	EA	\$5,590.00	\$520.00	\$6,760.00	\$500.00	\$6,500.00				
121	15' LUMINAIRE MAST ARM	2	\$525.00	EA	\$1,050.00	\$550.00	\$1,100.00	\$565.00	\$1,130.00				
122	200 W EQ LED LUMINAIRE	9	\$600.00	EA	\$5,400.00	\$700.00	\$6,300.00	\$620.00	\$5,580.00				
123	250 W HPS LUMINAIRE	1	\$400.00	EA	\$400.00	\$636.00	\$636.00	\$560.00	\$560.00				

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
124	250 W EQ LED LUMINAIRE	16	\$600.00	EA	\$9,600.00	\$834.00	\$13,344.00	\$750.00	\$12,000.00				
125	400 W EQ LED LUMINAIRE	3	\$600.00	EA	\$1,800.00	\$941.00	\$2,823.00	\$850.00	\$2,550.00				
126	PEDESTRIAN PUSH BUTTON	75	\$175.00	EA	\$13,125.00	\$170.00	\$12,750.00	\$150.00	\$11,250.00				
127	PEDESTRIAN PUSH BUTTON PLATE	89	\$25.00	EA	\$2,225.00	\$50.00	\$4,450.00	\$25.00	\$2,225.00				
128	PEDESTRIAN PUSH BUTTON POST	3	\$355.00	EA	\$1,065.00	\$800.00	\$2,400.00	\$350.00	\$1,050.00				
129	PEDESTRIAN PUSH BUTTON POST FOUNDATION	3	\$550.00	EA	\$1,650.00	\$650.00	\$1,950.00	\$350.00	\$1,050.00				
130	TEMPORARY PPB POST	4	\$500.00	EA	\$2,000.00	\$625.00	\$2,500.00	\$200.00	\$800.00				
131	PLATE HOLE TO SMOOTH FINISH	4	\$250.00	EA	\$1,000.00	\$200.00	\$800.00	\$100.00	\$400.00				
132	RETROREFLECTIVE STREET NAME SIGN	14	\$850.00	EA	\$11,900.00	\$980.00	\$13,720.00	\$1,160.00	\$16,240.00				
133	3-12" LED VEHICLE HEAD (COMPLETE)	91	\$800.00	EA	\$72,800.00	\$625.00	\$56,875.00	\$750.00	\$68,250.00				
134	3-SECTION PV LED VEHICLE HEAD (COMPLETE)	1	\$2,250.00	EA	\$2,250.00	\$2,400.00	\$2,400.00	\$3,000.00	\$3,000.00				
135	5-12" LED VEHICLE HEAD (COMPLETE)	3	\$1,175.00	EA	\$3,525.00	\$840.00	\$2,520.00	\$1,100.00	\$3,300.00				
136	LED COUNTDOWN PED HEAD (COMPLETE)	92	\$700.00	EA	\$64,400.00	\$510.00	\$46,920.00	\$800.00	\$73,600.00				
137	ACCESSIBLE PEDESTRIAN SIGNAL (APS) UNIT	14	\$1,200.00	EA	\$16,800.00	\$1,400.00	\$19,600.00	\$1,500.00	\$21,000.00				
138	BOLLARD	2	\$200.00	EA	\$400.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00				
139	DETAIL 8 (THERMOPLASTIC)	150	\$6.00	LF	\$900.00	\$0.40	\$60.00	\$0.40	\$60.00				
140	DETAIL 21 (THERMOPLASTIC)	60	\$4.50	LF	\$270.00	\$1.30	\$78.00	\$1.45	\$87.00				
141	DETAIL 22 (THERMOPLASTIC)	205	\$3.50	LF	\$717.50	\$1.60	\$328.00	\$1.60	\$328.00				
142	DETAIL 29 (THERMOPLASTIC)	25	\$3.00	LF	\$75.00	\$3.00	\$75.00	\$3.20	\$80.00				
143	DETAIL 38 (THERMOPLASTIC)	600	\$6.00	LF	\$3,600.00	\$1.50	\$900.00	\$1.60	\$960.00				
144	DETAIL 38A (THERMOPLASTIC)	295	\$3.00	LF	\$885.00	\$1.40	\$413.00	\$1.45	\$427.75				
145	DETAIL 40 (THERMOPLASTIC)	815	\$8.00	LF	\$6,520.00	\$1.20	\$978.00	\$1.15	\$937.25				

Project Name: Aviation Boulevard
 Project ID: TSM0010190
 Bids Opened: 1/5/2016
 Office Engineer: Ali Dana 626-458-3110

Addenda: 0
 Duration: 80 Working Day(s)

Engineer's Estimate (1) Elecnor Belco Electric, Inc. (2) California Professional
 Electrical Engineering

(1) Preliminary Bid Amount		\$1,316,286.00				\$1,352,897.25							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
146	PAVEMENT MARKINGS (THERMOPLASTIC)	330	\$6.00	SF	\$1,980.00	\$5.50	\$1,815.00	\$5.75	\$1,897.50				
147	YELLOW CURB MARKING (THERMOPLASTIC)	20	\$6.50	SF	\$130.00	\$1.75	\$35.00	\$1.85	\$37.00				
148	4" STRIPING (THERMOPLASTIC)	250	\$4.00	LF	\$1,000.00	\$0.70	\$175.00	\$0.75	\$187.50				
149	6" STRIPING (THERMOPLASTIC)	50	\$4.00	LF	\$200.00	\$1.00	\$50.00	\$1.10	\$55.00				
150	8" STRIPING (THERMOPLASTIC)	20	\$4.00	LF	\$80.00	\$1.35	\$27.00	\$1.45	\$29.00				
151	12" STRIPING (THERMOPLASTIC)	1815	\$4.00	LF	\$7,260.00	\$2.40	\$4,356.00	\$2.50	\$4,537.50				
152	24" STRIPING (THERMOPLASTIC)	585	\$7.00	LF	\$4,095.00	\$4.80	\$2,808.00	\$5.00	\$2,925.00				
153	SIGN PANEL	45	\$150.00	EA	\$6,750.00	\$118.00	\$5,310.00	\$126.00	\$5,670.00				
154	FURNISH ONE-POST (ROADSIDE SIGN)	10	\$150.00	EA	\$1,500.00	\$80.00	\$800.00	\$86.00	\$860.00				
155	INSTALL ONE-POST (ROADSIDE SIGN)	10	\$150.00	EA	\$1,500.00	\$96.00	\$960.00	\$103.00	\$1,030.00				
156	INSTALL SIGN (STRAP AND SADDLE BRACKET)	32	\$100.00	EA	\$3,200.00	\$59.00	\$1,888.00	\$63.00	\$2,016.00				
157	INSTALL SIGN (MAST-ARM HANGER)	21	\$225.00	EA	\$4,725.00	\$548.00	\$11,508.00	\$60.00	\$1,260.00				
158	PAVEMENT MARKERS (REFLECTIVE)	100	\$8.00	EA	\$800.00	\$5.40	\$540.00	\$6.00	\$600.00				
159	FLAGPERSON AND RAILROAD INSURANCE (ALLOWANCE OF \$5,000)	5000	\$1.00	AL	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00				
160	SERVICE CONNECTION (ALLOWANCE OF \$12000)	12000	\$1.00	AL	\$12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00				
Unit Price Total					\$1,296,456.50	\$1,316,286.00	\$1,352,897.25						
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00	\$50,000.00					
(4) LSBE Adjusted Amount							\$1,316,286.00	\$1,302,897.25					

Project Name: Aviation Boulevard
Project ID: TSM0010190
Bids Opened: 1/5/2016
Office Engineer: Ali Dana 626-458-3110

Addenda: 0
Duration: 80 Working Day(s)

Engineer's Estimate (1) Elecnor Belco Electric, Inc. (2) California Professional
 Electrical Engineering

(1) Preliminary Bid Amount						\$1,316,286.00				\$1,352,897.25			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Comments													
APPARENT LOW BIDDER													