



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

Project Name: Garfield Avenue
Project ID: TSM0010075
Bids Opened: 1/5/2012
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 0
Duration: 65 Working Day(s)

					Engineer's Estimate	(1) Sully-Miller Contracting Company	(2) Dynalectric	(3) MSL Electric, Inc.	(4) JFL Electric, Inc.				
(1) Preliminary Bid Amount						\$619,975.00	\$638,802.00	\$665,948.00	\$684,664.73				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
1	CONCRETE REMOVAL (NON-REINFORCED)	39	\$200.00	CY	\$7,800.00	\$195.00	\$7,605.00	\$157.00	\$6,123.00	\$402.00	\$15,678.00	\$404.25	\$15,765.75
2	UNCLASSIFIED EXCAVATION	17	\$200.00	CY	\$3,400.00	\$84.00	\$1,428.00	\$182.00	\$3,094.00	\$345.00	\$5,865.00	\$346.50	\$5,890.50
3	CRUSHED MISCELLANEOUS BASE	20	\$200.00	CY	\$4,000.00	\$165.00	\$3,300.00	\$254.00	\$5,080.00	\$230.00	\$4,600.00	\$213.00	\$4,260.00
4	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	9	\$300.00	CY	\$2,700.00	\$146.00	\$1,314.00	\$281.00	\$2,529.00	\$345.00	\$3,105.00	\$341.00	\$3,069.00
5	AC PAVEMENT	15	\$1,000.00	TON	\$15,000.00	\$206.00	\$3,090.00	\$432.00	\$6,480.00	\$455.00	\$6,825.00	\$456.23	\$6,843.45
6	PCC CURB & GUTTER, TYPE A2-VAR	440	\$50.00	LF	\$22,000.00	\$33.60	\$14,784.00	\$34.00	\$14,960.00	\$28.00	\$12,320.00	\$27.50	\$12,100.00
7	PCC WALK, 4" THICK	56	\$15.00	SF	\$840.00	\$7.00	\$392.00	\$37.00	\$2,072.00	\$14.00	\$784.00	\$14.30	\$800.80
8	PCC WALK & CURB RAMPS, 4" THICK	1152	\$10.00	SF	\$11,520.00	\$8.75	\$10,080.00	\$15.00	\$17,280.00	\$14.00	\$16,128.00	\$14.41	\$16,600.32
9	DETECTABLE WARNING SURFACE	120	\$50.00	SF	\$6,000.00	\$32.00	\$3,840.00	\$51.00	\$6,120.00	\$46.00	\$5,520.00	\$46.20	\$5,544.00
10	1-1/2" CONDUIT (SCH 80 PVC)	175	\$65.00	LF	\$11,375.00	\$20.60	\$3,605.00	\$45.00	\$7,875.00	\$28.00	\$4,900.00	\$48.40	\$8,470.00
11	2" CONDUIT (SCH 80 PVC)	2170	\$65.00	LF	\$141,050.00	\$19.80	\$42,966.00	\$36.00	\$78,120.00	\$32.00	\$69,440.00	\$27.50	\$59,675.00
12	3" CONDUIT (SCH 80 PVC)	2135	\$75.00	LF	\$160,125.00	\$26.60	\$56,791.00	\$39.00	\$83,265.00	\$49.00	\$104,615.00	\$36.30	\$77,500.50
13	2-PAIR DETECTOR LEAD-IN CABLE	8450	\$3.00	LF	\$25,350.00	\$1.04	\$8,788.00	\$1.00	\$8,450.00	\$1.00	\$8,450.00	\$1.16	\$9,802.00
14	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	6560	\$5.00	LF	\$32,800.00	\$3.40	\$22,304.00	\$2.85	\$18,696.00	\$5.00	\$32,800.00	\$3.74	\$24,534.40

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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
15	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	5140	\$3.50	LF	\$17,990.00	\$1.15	\$5,911.00	\$0.85	\$4,369.00	\$1.25	\$6,425.00	\$1.11	\$5,705.40
16	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	665	\$2.50	LF	\$1,662.50	\$1.60	\$1,064.00	\$1.20	\$798.00	\$2.00	\$1,330.00	\$1.38	\$917.70
17	NO. 5 PULL BOX INCL PCC COVER	29	\$650.00	EA	\$18,850.00	\$810.00	\$23,490.00	\$612.00	\$17,748.00	\$270.00	\$7,830.00	\$645.70	\$18,725.30
18	NO. 6 PULL BOX INCL PCC COVER	55	\$700.00	EA	\$38,500.00	\$1,217.00	\$66,935.00	\$691.00	\$38,005.00	\$425.00	\$23,375.00	\$665.50	\$36,602.50
19	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	3510	\$8.50	LF	\$29,835.00	\$6.70	\$23,517.00	\$8.50	\$29,835.00	\$6.60	\$23,166.00	\$7.70	\$27,027.00
20	REMOVE TYPE 337 CABINET	1	\$375.00	EA	\$375.00	\$388.00	\$388.00	\$672.00	\$672.00	\$400.00	\$400.00	\$458.70	\$458.70
21	REMOVE TYPE M CABINET	5	\$450.00	EA	\$2,250.00	\$388.00	\$1,940.00	\$783.00	\$3,915.00	\$400.00	\$2,000.00	\$550.00	\$2,750.00
22	REMOVE CONTROLLER	1	\$400.00	EA	\$400.00	\$362.00	\$362.00	\$270.00	\$270.00	\$100.00	\$100.00	\$616.00	\$616.00
23	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$375.00	EA	\$1,500.00	\$90.00	\$360.00	\$90.00	\$360.00	\$300.00	\$1,200.00	\$228.80	\$915.20
24	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$650.00	EA	\$650.00	\$388.00	\$388.00	\$270.00	\$270.00	\$800.00	\$800.00	\$517.00	\$517.00
25	REMOVE TYPE 3 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$388.00	\$388.00	\$270.00	\$270.00	\$920.00	\$920.00	\$517.00	\$517.00
26	REMOVE VEHICLE HEAD (COMPLETE)	14	\$125.00	EA	\$1,750.00	\$125.00	\$1,750.00	\$45.00	\$630.00	\$125.00	\$1,750.00	\$124.30	\$1,740.20
27	REMOVE PEDESTRIAN HEAD (COMPLETE)	2	\$155.00	EA	\$310.00	\$90.00	\$180.00	\$45.00	\$90.00	\$75.00	\$150.00	\$124.30	\$248.60
28	REMOVE PEDESTRIAN PUSH BUTTON	4	\$100.00	EA	\$400.00	\$45.00	\$180.00	\$35.00	\$140.00	\$20.00	\$80.00	\$69.30	\$277.20
29	REMOVE PPB FOUNDATION	1	\$500.00	EA	\$500.00	\$447.00	\$447.00	\$402.00	\$402.00	\$250.00	\$250.00	\$297.00	\$297.00
30	REMOVE TYPE 1 FOUNDATION	4	\$700.00	EA	\$2,800.00	\$888.00	\$3,552.00	\$603.00	\$2,412.00	\$500.00	\$2,000.00	\$392.70	\$1,570.80
31	REMOVE TYPE 15 FOUNDATION	1	\$700.00	EA	\$700.00	\$888.00	\$888.00	\$603.00	\$603.00	\$1,200.00	\$1,200.00	\$550.00	\$550.00

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32	REMOVE TYPE 3 FOUNDATION	1	\$700.00	EA	\$700.00	\$888.00	\$888.00	\$603.00	\$603.00	\$1,400.00	\$1,400.00	\$550.00	\$550.00
33	REMOVE PED PUSH BUTTON AND PLUG HOLE	5	\$100.00	EA	\$500.00	\$45.60	\$228.00	\$102.00	\$510.00	\$120.00	\$600.00	\$189.20	\$946.00
34	REMOVE TYPE M CABINET FOUNDATION	5	\$500.00	EA	\$2,500.00	\$888.00	\$4,440.00	\$1,260.00	\$6,300.00	\$700.00	\$3,500.00	\$728.20	\$3,641.00
35	REMOVE TYPE 337 CABINET FOUNDATION	1	\$500.00	EA	\$500.00	\$888.00	\$888.00	\$1,260.00	\$1,260.00	\$650.00	\$650.00	\$728.20	\$728.20
36	RELOCATE CONTROLLER	2	\$1,600.00	EA	\$3,200.00	\$1,270.00	\$2,540.00	\$539.00	\$1,078.00	\$1,200.00	\$2,400.00	\$2,222.00	\$4,444.00
37	RELOCATE PEDESTRIAN PUSH BUTTON POST	1	\$500.00	EA	\$500.00	\$956.00	\$956.00	\$795.00	\$795.00	\$250.00	\$250.00	\$440.00	\$440.00
38	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,950.00	EA	\$2,950.00	\$1,949.00	\$1,949.00	\$3,615.00	\$3,615.00	\$2,260.00	\$2,260.00	\$3,852.20	\$3,852.20
39	ASC/2S-2100 CONTROLLER	2	\$10,000.00	EA	\$20,000.00	\$5,919.00	\$11,838.00	\$5,319.00	\$10,638.00	\$5,360.00	\$10,720.00	\$7,133.50	\$14,267.00
40	GPS UTB UNIT AND ANTENNA	14	\$1,650.00	EA	\$23,100.00	\$1,804.00	\$25,256.00	\$1,250.00	\$17,500.00	\$1,240.00	\$17,360.00	\$2,162.60	\$30,276.40
41	SWITCH PACK	36	\$175.00	EA	\$6,300.00	\$66.00	\$2,376.00	\$109.00	\$3,924.00	\$21.00	\$756.00	\$58.30	\$2,098.80
42	PED ISOLATION MODULE	2	\$75.00	EA	\$150.00	\$81.00	\$162.00	\$124.00	\$248.00	\$37.00	\$74.00	\$81.40	\$162.80
43	2-CHANNEL ILD SENSOR UNIT	29	\$200.00	EA	\$5,800.00	\$115.00	\$3,335.00	\$155.00	\$4,495.00	\$71.00	\$2,059.00	\$126.50	\$3,668.50
44	TYPE 332 CABINET	1	\$6,000.00	EA	\$6,000.00	\$17,851.00	\$17,851.00	\$14,880.00	\$14,880.00	\$15,800.00	\$15,800.00	\$22,794.20	\$22,794.20
45	TYPE 332 CABINET FOUNDATION	1	\$1,175.00	EA	\$1,175.00	\$952.00	\$952.00	\$504.00	\$504.00	\$949.00	\$949.00	\$1,100.00	\$1,100.00
46	TYPE P CABINET	5	\$10,000.00	EA	\$50,000.00	\$23,627.00	\$118,135.00	\$22,451.00	\$112,255.00	\$27,200.00	\$136,000.00	\$22,808.50	\$114,042.50
47	TYPE P CABINET FOUNDATION	5	\$1,175.00	EA	\$5,875.00	\$959.00	\$4,795.00	\$773.00	\$3,865.00	\$1,500.00	\$7,500.00	\$1,100.00	\$5,500.00
48	TYPE 1 STANDARD	5	\$850.00	EA	\$4,250.00	\$500.00	\$2,500.00	\$605.00	\$3,025.00	\$600.00	\$3,000.00	\$1,059.30	\$5,296.50
49	TYPE 15 STANDARD	2	\$850.00	EA	\$1,700.00	\$1,409.00	\$2,818.00	\$1,645.00	\$3,290.00	\$1,600.00	\$3,200.00	\$2,675.20	\$5,350.40
50	TYPE 19 STANDARD	2	\$3,900.00	EA	\$7,800.00	\$3,318.00	\$6,636.00	\$3,497.00	\$6,994.00	\$3,500.00	\$7,000.00	\$4,345.00	\$8,690.00
51	TYPE 1 STANDARD FOUNDATION	5	\$925.00	EA	\$4,625.00	\$1,175.00	\$5,875.00	\$253.00	\$1,265.00	\$600.00	\$3,000.00	\$518.10	\$2,590.50
52	TYPE 15 STANDARD FOUNDATION	2	\$700.00	EA	\$1,400.00	\$1,929.00	\$3,858.00	\$1,761.00	\$3,522.00	\$1,700.00	\$3,400.00	\$1,199.00	\$2,398.00

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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
53	TYPE 19 STANDARD FOUNDATION	2	\$1,600.00	EA	\$3,200.00	\$3,456.00	\$6,912.00	\$2,307.00	\$4,614.00	\$2,600.00	\$5,200.00	\$1,650.00	\$3,300.00
54	25' SIGNAL MAST ARM	2	\$2,000.00	EA	\$4,000.00	\$1,528.00	\$3,056.00	\$1,688.00	\$3,376.00	\$1,800.00	\$3,600.00	\$2,805.00	\$5,610.00
55	12' LUMINAIRE MAST ARM	4	\$525.00	EA	\$2,100.00	\$373.00	\$1,492.00	\$394.00	\$1,576.00	\$400.00	\$1,600.00	\$490.60	\$1,962.40
56	250 W HPS LUMINAIRE	4	\$350.00	EA	\$1,400.00	\$416.00	\$1,664.00	\$312.00	\$1,248.00	\$330.00	\$1,320.00	\$396.00	\$1,584.00
57	PEDESTRIAN PUSH BUTTON	19	\$175.00	EA	\$3,325.00	\$225.00	\$4,275.00	\$107.00	\$2,033.00	\$150.00	\$2,850.00	\$135.30	\$2,570.70
58	PEDESTRIAN PUSH BUTTON PLATE	19	\$25.00	EA	\$475.00	\$12.00	\$228.00	\$58.00	\$1,102.00	\$20.00	\$380.00	\$24.20	\$459.80
59	PEDESTRIAN PUSH BUTTON POST	10	\$500.00	EA	\$5,000.00	\$357.00	\$3,570.00	\$338.00	\$3,380.00	\$400.00	\$4,000.00	\$437.80	\$4,378.00
60	PEDESTRIAN PUSH BUTTON POST FOUNDATION	11	\$500.00	EA	\$5,500.00	\$471.00	\$5,181.00	\$132.00	\$1,452.00	\$300.00	\$3,300.00	\$440.00	\$4,840.00
61	ILLUMINATED STREET NAME SIGN	3	\$1,380.00	EA	\$4,140.00	\$1,627.00	\$4,881.00	\$1,212.00	\$3,636.00	\$1,300.00	\$3,900.00	\$1,854.60	\$5,563.80
62	3-12" LED VEHICLE HEAD (COMPLETE)	21	\$800.00	EA	\$16,800.00	\$810.00	\$17,010.00	\$590.00	\$12,390.00	\$690.00	\$14,490.00	\$698.50	\$14,668.50
63	4-12" LED VEHICLE HEAD (COMPLETE)	1	\$1,000.00	EA	\$1,000.00	\$1,060.00	\$1,060.00	\$846.00	\$846.00	\$875.00	\$875.00	\$818.40	\$818.40
64	3-SECTION PV LED VEHICLE HEAD (COMPLETE)	2	\$2,250.00	EA	\$4,500.00	\$2,123.00	\$4,246.00	\$1,690.00	\$3,380.00	\$1,800.00	\$3,600.00	\$3,154.80	\$6,309.60
65	VISOR RETROFIT	3	\$100.00	EA	\$300.00	\$76.00	\$228.00	\$118.00	\$354.00	\$55.00	\$165.00	\$82.50	\$247.50
66	LED PEDESTRIAN HEAD (COMPLETE)	9	\$800.00	EA	\$7,200.00	\$639.00	\$5,751.00	\$452.00	\$4,068.00	\$457.00	\$4,113.00	\$579.70	\$5,217.30
67	SALVAGE EQUIPMENT	1	\$4,500.00	LS	\$4,500.00	\$1,450.00	\$1,450.00	\$5,045.00	\$5,045.00	\$1,304.00	\$1,304.00	\$14,300.00	\$14,300.00
68	DETAIL 10 WITH 4" STRIPING (TWO COAT PAINT)	50	\$3.00	LF	\$150.00	\$5.70	\$285.00	\$5.60	\$280.00	\$6.00	\$300.00	\$5.78	\$289.00
69	DETAIL 21 (TWO-COAT PAINT)	10	\$3.00	LF	\$30.00	\$2.90	\$29.00	\$2.80	\$28.00	\$2.90	\$29.00	\$2.90	\$29.00
70	DETAIL 23	10	\$3.00	LF	\$30.00	\$17.00	\$170.00	\$16.80	\$168.00	\$18.00	\$180.00	\$17.33	\$173.30
71	DETAIL 29 (TWO-COAT PAINT)	135	\$6.00	LF	\$810.00	\$3.40	\$459.00	\$3.40	\$459.00	\$4.00	\$540.00	\$3.47	\$468.45
72	DETAIL 38 (TWO-COAT PAINT)	10	\$4.00	LF	\$40.00	\$2.90	\$29.00	\$2.80	\$28.00	\$2.90	\$29.00	\$2.89	\$28.90
73	DETAIL 38A	5	\$4.50	LF	\$22.50	\$3.00	\$15.00	\$2.80	\$14.00	\$3.00	\$15.00	\$2.89	\$14.45

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74	DETAIL 38C	15	\$5.00	LF	\$75.00	\$17.00	\$255.00	\$16.80	\$252.00	\$17.60	\$264.00	\$17.33	\$259.95
75	4" WHITE LINE WITH RPM'S	20	\$2.00	LF	\$40.00	\$9.40	\$188.00	\$9.20	\$184.00	\$9.65	\$193.00	\$9.53	\$190.60
76	12" STRIPING (TWO COAT PAINT)	2160	\$3.00	LF	\$6,480.00	\$1.90	\$4,104.00	\$1.85	\$3,996.00	\$1.90	\$4,104.00	\$1.90	\$4,104.00
77	CURB MARKINGS (ONE-COAT PAINT)	105	\$2.00	LF	\$210.00	\$2.60	\$273.00	\$2.20	\$231.00	\$2.40	\$252.00	\$2.31	\$242.55
78	REMOVE STRIPING AND MARKINGS (PAINT)	1390	\$5.00	SF	\$6,950.00	\$5.10	\$7,089.00	\$5.00	\$6,950.00	\$5.30	\$7,367.00	\$5.20	\$7,228.00
79	SIGN PANEL	47	\$150.00	EA	\$7,050.00	\$114.00	\$5,358.00	\$112.00	\$5,264.00	\$117.00	\$5,499.00	\$115.50	\$5,428.50
80	INSTALL ONE-POST (ROADSIDE SIGN)	19	\$150.00	EA	\$2,850.00	\$131.00	\$2,489.00	\$129.00	\$2,451.00	\$135.00	\$2,565.00	\$132.83	\$2,523.77
81	INSTALL SIGN (STRAP AND SADDLE BRACKET)	3	\$150.00	EA	\$450.00	\$57.00	\$171.00	\$56.00	\$168.00	\$176.00	\$528.00	\$57.75	\$173.25
82	RELOCATE SIGN	13	\$150.00	EA	\$1,950.00	\$130.00	\$1,690.00	\$129.00	\$1,677.00	\$135.00	\$1,755.00	\$132.83	\$1,726.79
83	REMOVE SIGN	1	\$100.00	EA	\$100.00	\$114.00	\$114.00	\$112.00	\$112.00	\$117.00	\$117.00	\$115.50	\$115.50
84	REMOVE SIGN POST	12	\$100.00	EA	\$1,200.00	\$125.00	\$1,500.00	\$123.00	\$1,476.00	\$129.00	\$1,548.00	\$127.05	\$1,524.60
85	WIRE # 6	780	\$3.50	LF	\$2,730.00	\$1.40	\$1,092.00	\$1.60	\$1,248.00	\$1.50	\$1,170.00	\$1.31	\$1,021.80
86	WIRE #10	2360	\$3.50	LF	\$8,260.00	\$0.80	\$1,888.00	\$0.95	\$2,242.00	\$0.70	\$1,652.00	\$0.90	\$2,124.00
87	WIRE #12	2100	\$3.50	LF	\$7,350.00	\$0.70	\$1,470.00	\$0.75	\$1,575.00	\$0.60	\$1,260.00	\$0.80	\$1,680.00
Unit Price Total					\$822,475.00	\$619,975.00		\$638,802.00		\$665,948.00		\$684,304.73	
(3) Local Small Business Enterprise (LBSE) Preference Amount						\$0.00		\$0.00		\$0.00		\$30,998.75	
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Comments					APPARENT LOW BIDDER								



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Engineer's Estimate (5) California Professional
Electrical Engineering
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1	CONCRETE REMOVAL (NON-REINFORCED)	39	\$200.00	CY	\$7,800.00	\$392.00	\$15,288.00						
2	UNCLASSIFIED EXCAVATION	17	\$200.00	CY	\$3,400.00	\$336.00	\$5,712.00						
3	CRUSHED MISCELLANEOUS BASE	20	\$200.00	CY	\$4,000.00	\$224.00	\$4,480.00						
4	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	9	\$300.00	CY	\$2,700.00	\$336.00	\$3,024.00						
5	AC PAVEMENT	15	\$1,000.00	TON	\$15,000.00	\$442.40	\$6,636.00						
6	PCC CURB & GUTTER, TYPE A2-VAR	440	\$50.00	LF	\$22,000.00	\$26.88	\$11,827.20						
7	PCC WALK, 4" THICK	56	\$15.00	SF	\$840.00	\$13.72	\$768.32						
8	PCC WALK & CURB RAMPS, 4" THICK	1152	\$10.00	SF	\$11,520.00	\$13.72	\$15,805.44						
9	DETECTABLE WARNING SURFACE	120	\$50.00	SF	\$6,000.00	\$44.80	\$5,376.00						
10	1-1/2" CONDUIT (SCH 80 PVC)	175	\$65.00	LF	\$11,375.00	\$45.00	\$7,875.00						
11	2" CONDUIT (SCH 80 PVC)	2170	\$65.00	LF	\$141,050.00	\$45.00	\$97,650.00						
12	3" CONDUIT (SCH 80 PVC)	2135	\$75.00	LF	\$160,125.00	\$50.00	\$106,750.00						
13	2-PAIR DETECTOR LEAD-IN CABLE	8450	\$3.00	LF	\$25,350.00	\$2.10	\$17,745.00						
14	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	6560	\$5.00	LF	\$32,800.00	\$3.50	\$22,960.00						
15	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	5140	\$3.50	LF	\$17,990.00	\$2.80	\$14,392.00						

Project Name: Garfield Avenue
 Project ID: TSM0010075
 Bids Opened: 1/5/2012
 Office Engineer: Hoda Hassan 626-458-4955

Addenda: 0
 Duration: 65 Working Day(s)

Engineer's Estimate (5) California Professional
 Electrical Engineering
 \$747,217.85

(1) Preliminary Bid Amount

(2) Unit Price Detail

Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
16	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	665	\$2.50	LF	\$1,662.50	\$3.25	\$2,161.25						
17	NO. 5 PULL BOX INCL PCC COVER	29	\$650.00	EA	\$18,850.00	\$500.00	\$14,500.00						
18	NO. 6 PULL BOX INCL PCC COVER	55	\$700.00	EA	\$38,500.00	\$500.00	\$27,500.00						
19	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	3510	\$8.50	LF	\$29,835.00	\$6.20	\$21,762.00						
20	REMOVE TYPE 337 CABINET	1	\$375.00	EA	\$375.00	\$500.00	\$500.00						
21	REMOVE TYPE M CABINET	5	\$450.00	EA	\$2,250.00	\$400.00	\$2,000.00						
22	REMOVE CONTROLLER	1	\$400.00	EA	\$400.00	\$100.00	\$100.00						
23	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$375.00	EA	\$1,500.00	\$400.00	\$1,600.00						
24	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$650.00	EA	\$650.00	\$600.00	\$600.00						
25	REMOVE TYPE 3 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$600.00	\$600.00						
26	REMOVE VEHICLE HEAD (COMPLETE)	14	\$125.00	EA	\$1,750.00	\$95.00	\$1,330.00						
27	REMOVE PEDESTRIAN HEAD (COMPLETE)	2	\$155.00	EA	\$310.00	\$70.00	\$140.00						
28	REMOVE PEDESTRIAN PUSH BUTTON	4	\$100.00	EA	\$400.00	\$25.00	\$100.00						
29	REMOVE PPB FOUNDATION	1	\$500.00	EA	\$500.00	\$100.00	\$100.00						
30	REMOVE TYPE 1 FOUNDATION	4	\$700.00	EA	\$2,800.00	\$650.00	\$2,600.00						
31	REMOVE TYPE 15 FOUNDATION	1	\$700.00	EA	\$700.00	\$800.00	\$800.00						
32	REMOVE TYPE 3 FOUNDATION	1	\$700.00	EA	\$700.00	\$800.00	\$800.00						
33	REMOVE PED PUSH BUTTON AND PLUG HOLE	5	\$100.00	EA	\$500.00	\$50.00	\$250.00						
34	REMOVE TYPE M CABINET FOUNDATION	5	\$500.00	EA	\$2,500.00	\$400.00	\$2,000.00						
35	REMOVE TYPE 337 CABINET FOUNDATION	1	\$500.00	EA	\$500.00	\$500.00	\$500.00						

Project Name: Garfield Avenue
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Addenda: 0
 Duration: 65 Working Day(s)

Engineer's Estimate (5) California Professional
 Electrical Engineering
 \$747,217.85

(1) Preliminary Bid Amount

(2) Unit Price Detail

Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
36	RELOCATE CONTROLLER	2	\$1,600.00	EA	\$3,200.00	\$250.00	\$500.00						
37	RELOCATE PEDESTRIAN PUSH BUTTON POST	1	\$500.00	EA	\$500.00	\$200.00	\$200.00						
38	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,950.00	EA	\$2,950.00	\$2,000.00	\$2,000.00						
39	ASC/2S-2100 CONTROLLER	2	\$10,000.00	EA	\$20,000.00	\$27,000.00	\$54,000.00						
40	GPS UTB UNIT AND ANTENNA	14	\$1,650.00	EA	\$23,100.00	\$1,300.00	\$18,200.00						
41	SWITCH PACK	36	\$175.00	EA	\$6,300.00	\$25.00	\$900.00						
42	PED ISOLATION MODULE	2	\$75.00	EA	\$150.00	\$40.00	\$80.00						
43	2-CHANNEL ILD SENSOR UNIT	29	\$200.00	EA	\$5,800.00	\$80.00	\$2,320.00						
44	TYPE 332 CABINET	1	\$6,000.00	EA	\$6,000.00	\$16,000.00	\$16,000.00						
45	TYPE 332 CABINET FOUNDATION	1	\$1,175.00	EA	\$1,175.00	\$1,000.00	\$1,000.00						
46	TYPE P CABINET	5	\$10,000.00	EA	\$50,000.00	\$21,000.00	\$105,000.00						
47	TYPE P CABINET FOUNDATION	5	\$1,175.00	EA	\$5,875.00	\$800.00	\$4,000.00						
48	TYPE 1 STANDARD	5	\$850.00	EA	\$4,250.00	\$900.00	\$4,500.00						
49	TYPE 15 STANDARD	2	\$850.00	EA	\$1,700.00	\$2,900.00	\$5,800.00						
50	TYPE 19 STANDARD	2	\$3,900.00	EA	\$7,800.00	\$4,500.00	\$9,000.00						
51	TYPE 1 STANDARD FOUNDATION	5	\$925.00	EA	\$4,625.00	\$1,000.00	\$5,000.00						
52	TYPE 15 STANDARD FOUNDATION	2	\$700.00	EA	\$1,400.00	\$1,800.00	\$3,600.00						
53	TYPE 19 STANDARD FOUNDATION	2	\$1,600.00	EA	\$3,200.00	\$2,200.00	\$4,400.00						
54	25' SIGNAL MAST ARM	2	\$2,000.00	EA	\$4,000.00	\$2,000.00	\$4,000.00						
55	12' LUMINAIRE MAST ARM	4	\$525.00	EA	\$2,100.00	\$780.00	\$3,120.00						
56	250 W HPS LUMINAIRE	4	\$350.00	EA	\$1,400.00	\$450.00	\$1,800.00						
57	PEDESTRIAN PUSH BUTTON	19	\$175.00	EA	\$3,325.00	\$120.00	\$2,280.00						
58	PEDESTRIAN PUSH BUTTON PLATE	19	\$25.00	EA	\$475.00	\$22.00	\$418.00						
59	PEDESTRIAN PUSH BUTTON POST	10	\$500.00	EA	\$5,000.00	\$360.00	\$3,600.00						
60	PEDESTRIAN PUSH BUTTON POST FOUNDATION	11	\$500.00	EA	\$5,500.00	\$300.00	\$3,300.00						

Project Name: Garfield Avenue
 Project ID: TSM0010075
 Bids Opened: 1/5/2012
 Office Engineer: Hoda Hassan 626-458-4955

Addenda: 0
 Duration: 65 Working Day(s)

Engineer's Estimate (5) California Professional
 Electrical Engineering
 \$747,217.85

(1) Preliminary Bid Amount

(2) Unit Price Detail

Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
61	ILLUMINATED STREET NAME SIGN	3	\$1,380.00	EA	\$4,140.00	\$2,060.00	\$6,180.00						
62	3-12" LED VEHICLE HEAD (COMPLETE)	21	\$800.00	EA	\$16,800.00	\$770.00	\$16,170.00						
63	4-12" LED VEHICLE HEAD (COMPLETE)	1	\$1,000.00	EA	\$1,000.00	\$840.00	\$840.00						
64	3-SECTION PV LED VEHICLE HEAD (COMPLETE)	2	\$2,250.00	EA	\$4,500.00	\$3,000.00	\$6,000.00						
65	VISOR RETROFIT	3	\$100.00	EA	\$300.00	\$80.00	\$240.00						
66	LED PEDESTRIAN HEAD (COMPLETE)	9	\$800.00	EA	\$7,200.00	\$600.00	\$5,400.00						
67	SALVAGE EQUIPMENT	1	\$4,500.00	LS	\$4,500.00	\$1,500.00	\$1,500.00						
68	DETAIL 10 WITH 4" STRIPING (TWO COAT PAINT)	50	\$3.00	LF	\$150.00	\$6.72	\$336.00						
69	DETAIL 21 (TWO-COAT PAINT)	10	\$3.00	LF	\$30.00	\$5.60	\$56.00						
70	DETAIL 23	10	\$3.00	LF	\$30.00	\$11.20	\$112.00						
71	DETAIL 29 (TWO-COAT PAINT)	135	\$6.00	LF	\$810.00	\$8.06	\$1,088.10						
72	DETAIL 38 (TWO-COAT PAINT)	10	\$4.00	LF	\$40.00	\$9.52	\$95.20						
73	DETAIL 38A	5	\$4.50	LF	\$22.50	\$22.40	\$112.00						
74	DETAIL 38C	15	\$5.00	LF	\$75.00	\$28.00	\$420.00						
75	4" WHITE LINE WITH RPM'S	20	\$2.00	LF	\$40.00	\$22.40	\$448.00						
76	12" STRIPING (TWO COAT PAINT)	2160	\$3.00	LF	\$6,480.00	\$2.24	\$4,838.40						
77	CURB MARKINGS (ONE-COAT PAINT)	105	\$2.00	LF	\$210.00	\$3.36	\$352.80						
78	REMOVE STRIPING AND MARKINGS (PAINT)	1390	\$5.00	SF	\$6,950.00	\$3.36	\$4,670.40						
79	SIGN PANEL	47	\$150.00	EA	\$7,050.00	\$179.20	\$8,422.40						
80	INSTALL ONE-POST (ROADSIDE SIGN)	19	\$150.00	EA	\$2,850.00	\$268.80	\$5,107.20						
81	INSTALL SIGN (STRAP AND SADDLE BRACKET)	3	\$150.00	EA	\$450.00	\$179.20	\$537.60						
82	RELOCATE SIGN	13	\$150.00	EA	\$1,950.00	\$72.80	\$946.40						
83	REMOVE SIGN	1	\$100.00	EA	\$100.00	\$72.80	\$72.80						

Project Name: Garfield Avenue
Project ID: TSM0010075
Bids Opened: 1/5/2012
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 0
Duration: 65 Working Day(s)

Engineer's Estimate (5) California Professional
 Electrical Engineering

(1) Preliminary Bid Amount												\$747,217.85	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
84	REMOVE SIGN POST	12	\$100.00	EA	\$1,200.00	\$134.40	\$1,612.80						
85	WIRE # 6	780	\$3.50	LF	\$2,730.00	\$2.75	\$2,145.00						
86	WIRE #10	2360	\$3.50	LF	\$8,260.00	\$1.90	\$4,484.00						
87	WIRE #12	2100	\$3.50	LF	\$7,350.00	\$1.80	\$3,780.00						
Unit Price Total					\$822,475.00		\$747,217.31						
(3) Local Small Business Enterprise (LBSE) Preference Amount							\$30,998.75						
(4) LSBE Adjusted Amount							\$716,218.56						

Comments