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

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount							*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*	
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF $2,000)	1	$2,000.00	LS	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF $500/MONTH)	3	$500.00	MTH	$1,500.00	$500.00	$1,500.00	$500.00	$1,500.00	$500.00	$1,500.00	$500.00	$1,500.00
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF $2,000)	1	$2,000.00	LS	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00
4	MOBILIZATION	1	$1,000.00	LS	$1,000.00	$6,000.00	$6,000.00	$3,000.00	$3,000.00	$5,000.00	$5,000.00	$20,000.00	$20,000.00
5	SCE WORK (ALLOWANCE OF $6,000)	6000	$1.00	AL	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00
6	CONCRETE REMOVAL (NON-REINFORCED)	6	$205.00	CY	$1,230.00	$495.00	$2,970.00	$580.00	$3,480.00	$634.00	$3,804.00	$626.00	$3,756.00
7	UNCLASSIFIED EXCAVATION	8	$410.00	CY	$3,280.00	$275.00	$2,200.00	$600.00	$4,800.00	$631.60	$5,052.80	$626.00	$5,008.00
8	CRUSHED MISCELLANEOUS BASE	6	$165.00	CY	$990.00	$165.00	$990.00	$400.00	$2,400.00	$357.50	$2,145.00	$569.00	$3,414.00
9	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	2	$300.00	CY	$600.00	$385.00	$770.00	$500.00	$1,000.00	$548.00	$1,096.00	$854.00	$1,708.00
10	PCC CURB & GUTTER, TYPE A2-VAR	30	$50.00	LF	$1,500.00	$38.50	$1,155.00	$65.00	$1,950.00	$68.30	$2,049.00	$103.00	$3,090.00
11	PCC CURB RAMPS, 4" THICK	250	$10.50	SF	$2,625.00	$18.70	$4,675.00	$39.00	$9,750.00	$41.70	$10,425.00	$23.00	$5,750.00
12	AC PAVEMENT(PATCH BACK)	3	$360.00	TON	$1,080.00	$495.00	$1,485.00	$1,400.00	$4,200.00	$1,430.00	$4,290.00	$1,707.00	$5,121.00
13	DETECTABLE WARNING SURFACE	50	$50.00	SF	$2,500.00	$30.80	$1,540.00	$40.00	$2,000.00	$41.80	$2,090.00	$63.00	$3,150.00
14	1" CONDUIT (SCH 80 PVC)	40	$30.00	LF	$1,200.00	$24.00	$960.00	$15.00	$600.00	$110.00	$4,400.00	$30.00	$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
15	2" CONDUIT (SCH 80 PVC)	750	$40.00	LF	$30,000.00	$29.00	$21,750.00	$36.00	$27,000.00	$42.60	$31,950.00	$35.00	$26,250.00
16	3" CONDUIT (SCH 80 PVC)	425	$50.00	LF	$21,250.00	$34.00	$14,450.00	$55.00	$23,375.00	$77.60	$32,980.00	$60.00	$25,500.00
17	2-PAIR DETECTOR LEAD-IN CABLE	1210	$1.50	LF	$1,815.00	$3.00	$3,630.00	$2.00	$2,420.00	$1.90	$2,299.00	$1.20	$1,452.00
18	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	800	$2.75	LF	$2,200.00	$6.00	$4,800.00	$3.00	$2,400.00	$2.60	$2,080.00	$2.20	$1,760.00
19	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	190	$2.75	LF	$522.50	$7.00	$1,330.00	$5.00	$950.00	$2.20	$418.00	$4.00	$760.00
20	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	710	$2.75	LF	$1,952.50	$14.00	$9,940.00	$12.00	$8,520.00	$2.60	$1,846.00	$6.00	$4,260.00
21	WIRE # 6	60	$1.80	LF	$108.00	$3.00	$180.00	$1.00	$60.00	$2.00	$120.00	$2.20	$132.00
22	WIRE #10	1350	$1.10	LF	$1,485.00	$2.00	$2,700.00	$1.00	$1,350.00	$1.70	$2,295.00	$1.00	$1,350.00
23	NO. 5 PULL BOX INCL PCC COVER	5	$620.00	EA	$3,100.00	$550.00	$2,750.00	$500.00	$2,500.00	$670.20	$3,351.00	$750.00	$3,750.00
24	NO. 6 PULL BOX INCL PCC COVER	6	$875.00	EA	$5,250.00	$650.00	$3,900.00	$550.00	$3,300.00	$1,015.20	$6,091.20	$850.00	$5,100.00
25	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	500	$10.50	LF	$5,250.00	$11.70	$5,850.00	$7.00	$3,500.00	$7.40	$3,700.00	$7.70	$3,850.00
26	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	$11,300.00	EA	$11,300.00	$11,000.00	$11,000.00	$12,000.00	$12,000.00	$14,872.10	$14,872.10	$15,651.00	$15,651.00
27	TYPE 170 ATC/HC-11 CONTROLLER	1	$2,450.00	EA	$2,450.00	$2,100.00	$2,100.00	$2,200.00	$2,200.00	$2,920.00	$2,920.00	$15,651.00	$15,651.00
28	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00	$1,200.00	$1,200.00	$1,200.00	$1,200.00	$1,331.81	$1,331.81	$1,853.00	$1,853.00
29	SWITCH PACK	7	$85.00	EA	$595.00	$30.00	$210.00	$30.00	$210.00	$56.40	$394.80	$63.00	$441.00
30	PED ISOLATION MODULE	2	$100.00	EA	$200.00	$50.00	$100.00	$60.00	$120.00	$125.40	$250.80	$95.00	$190.00
31	2-CHANNEL ILD SENSOR UNIT	4	$150.00	EA	$600.00	$85.00	$340.00	$150.00	$600.00	$121.10	$484.40	$125.00	$500.00
32	TYPE 332 CABINET	1	$10,000.00	EA	$10,000.00	$11,000.00	$11,000.00	$10,000.00	$10,000.00	$10,018.40	$10,018.40	$10,594.00	$10,594.00

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Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
33	TYPE 332 CABINET FOUNDATION	1	$1,400.00	EA	$1,400.00		$4,800.00	$4,800.00	$3,500.00	$3,500.00	$877.50	$877.50	$1,220.00	$1,220.00
34	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00		$2,400.00	$2,400.00	$3,500.00	$3,500.00	$3,137.80	$3,137.80	$3,644.00	$3,644.00
35	TYPE III-BF SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00		$4,100.00	$4,100.00	$3,000.00	$3,000.00	$676.40	$676.40	$1,220.00	$1,220.00
36	TYPE 1 STANDARD	1	$1,000.00	EA	$1,000.00		$900.00	$900.00	$600.00	$600.00	$534.10	$534.10	$1,000.00	$1,000.00
37	TYPE 15 STANDARD	1	$2,000.00	EA	$2,000.00		$1,800.00	$1,800.00	$2,500.00	$2,500.00	$1,759.00	$1,759.00	$2,615.00	$2,615.00
38	TYPE 24 STANDARD	1	$7,250.00	EA	$7,250.00		$6,200.00	$6,200.00	$7,000.00	$7,000.00	$6,455.30	$6,455.30	$7,752.00	$7,752.00
39	TYPE 24 STANDARD WITH MODIFIED 24' HIGH POLE	1	$7,250.00	EA	$7,250.00		$6,100.00	$6,100.00	$7,500.00	$7,500.00	$6,527.10	$6,527.10	$7,668.00	$7,668.00
40	TYPE 26 STANDARD	1	$8,100.00	EA	$8,100.00		$6,700.00	$6,700.00	$7,500.00	$7,500.00	$7,662.40	$7,662.40	$8,547.00	$8,547.00
41	TYPE 1 STANDARD FOUNDATION	1	$1,000.00	EA	$1,000.00		$1,800.00	$1,800.00	$1,200.00	$1,200.00	$677.80	$677.80	$1,000.00	$1,000.00
42	TYPE 15 STANDARD FOUNDATION	1	$2,250.00	EA	$2,250.00		$2,400.00	$2,400.00	$2,400.00	$2,400.00	$1,914.80	$1,914.80	$2,500.00	$2,500.00
43	TYPE 24 STANDARD FOUNDATION	2	$4,450.00	EA	$8,900.00		$4,400.00	$8,800.00	$6,500.00	$13,000.00	$4,028.40	$8,056.80	$4,822.00	$9,644.00
44	TYPE 26 STANDARD FOUNDATION	1	$4,630.00	EA	$4,630.00		$5,000.00	$5,000.00	$6,000.00	$6,000.00	$4,510.80	$4,510.80	$5,500.00	$5,500.00
45	25' SIGNAL MAST ARM	1	$2,200.00	EA	$2,200.00		$2,000.00	$2,000.00	$2,200.00	$2,200.00	$2,293.50	$2,293.50	$2,737.00	$2,737.00
46	30' SIGNAL MAST ARM	1	$2,275.00	EA	$2,275.00		$1,900.00	$1,900.00	$2,200.00	$2,200.00	$2,293.50	$2,293.50	$2,737.00	$2,737.00
47	40' SIGNAL MAST ARM	1	$3,000.00	EA	$3,000.00		$2,300.00	$2,300.00	$2,200.00	$2,200.00	$2,339.30	$2,339.30	$2,706.00	$2,706.00
48	8' LUMINAIRE MAST ARM	3	$300.00	EA	$900.00		$300.00	$900.00	$240.00	$720.00	$234.70	$704.10	$412.00	$1,236.00
49	12' LUMINAIRE MAST ARM	3	$400.00	EA	$1,200.00		$350.00	$1,050.00	$350.00	$1,050.00	$376.40	$1,129.20	$562.00	$1,686.00
50	LED LUMINAIRES (150W HPS EQUIVALENT)	3	$650.00	EA	$1,950.00		$450.00	$1,350.00	$550.00	$1,650.00	$582.60	$1,747.80	$854.00	$2,562.00
51	LED LUMINAIRES (200W HPS EQUIVALENT)	3	$725.00	EA	$2,175.00		$500.00	$1,500.00	$610.00	$1,830.00	$693.20	$2,079.60	$970.00	$2,910.00
52	PEDESTRIAN PUSH BUTTON	6	$200.00	EA	$1,200.00		$100.00	$600.00	$150.00	$900.00	$218.50	$1,311.00	$193.00	$1,158.00
53	PEDESTRIAN PUSH BUTTON PLATE	6	$40.00	EA	$240.00		$20.00	$120.00	$15.00	$90.00	$50.30	$301.80	$50.00	$300.00
54	PEDESTRIAN PUSH BUTTON POST	1	$400.00	EA	$400.00		$450.00	$450.00	$250.00	$250.00	$305.50	$305.50	$500.00	$500.00

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Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55	PEDESTRIAN PUSH BUTTON POST FOUNDATION	1	$500.00	EA	$500.00		$1,200.00	$1,200.00	$300.00	$300.00	$526.20	$526.20	$850.00	$850.00
56	RETROREFLECTIVE STREET NAME SIGN	3	$1,100.00	EA	$3,300.00		$1,000.00	$3,000.00	$1,015.00	$3,045.00	$1,228.40	$3,685.20	$1,160.00	$3,480.00
57	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	6	$650.00	EA	$3,900.00		$550.00	$3,300.00	$410.00	$2,460.00	$596.80	$3,580.80	$671.00	$4,026.00
58	3-12" LED VEHICLE HEAD (COMPLETE)	13	$750.00	EA	$9,750.00		$700.00	$9,100.00	$450.00	$5,850.00	$580.10	$7,541.30	$693.00	$9,009.00
59	DETAIL 22 (THERMOPLASTIC)	115	$4.00	LF	$460.00		$3.30	$379.50	$3.40	$391.00	$3.30	$379.50	$4.00	$460.00
60	DETAIL 29 (THERMOPLASTIC)	90	$4.00	LF	$360.00		$4.40	$396.00	$7.10	$639.00	$5.50	$495.00	$8.10	$729.00
61	DETAIL 38 (THERMOPLASTIC)	13	$4.00	LF	$52.00		$4.40	$57.20	$6.00	$78.00	$5.50	$71.50	$6.00	$78.00
62	PAVEMENT MARKINGS (THERMOPLASTIC)	70	$7.00	SF	$490.00		$8.80	$616.00	$10.00	$700.00	$8.80	$616.00	$11.00	$770.00
63	4" STRIPING (THERMOPLASTIC)	150	$3.00	LF	$450.00		$0.88	$132.00	$0.66	$99.00	$2.20	$330.00	$1.00	$150.00
64	12" STRIPING (THERMOPLASTIC)	560	$5.00	LF	$2,800.00		$3.30	$1,848.00	$2.20	$1,232.00	$3.30	$1,848.00	$3.00	$1,680.00
65	12" YELLOW DIAGONAL STRIPING (THERMOPLASTIC)	14	$3.50	LF	$49.00		$11.00	$154.00	$3.00	$42.00	$3.30	$46.20	$3.00	$42.00
66	CURB MARKINGS (ONE-COAT PAINT)	30	$3.50	LF	$105.00		$4.40	$132.00	$4.00	$120.00	$5.50	$165.00	$3.60	$108.00
67	REMOVE STRIPING	200	$6.00	LF	$1,200.00		$2.75	$550.00	$6.16	$1,232.00	$5.50	$1,100.00	$7.00	$1,400.00
68	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)	92	$7.50	SF	$690.00		$5.50	$506.00	$7.00	$644.00	$8.80	$809.60	$7.00	$644.00
69	INSTALL SIGN (STRAP AND SADDLE BRACKET)	4	$100.00	EA	$400.00		$198.00	$792.00	$310.00	$1,240.00	$165.00	$660.00	$353.00	$1,412.00
70	INSTALL SIGN (MAST-ARM HANGER)	2	$100.00	EA	$200.00		$150.00	$300.00	$350.00	$700.00	$489.20	$978.40	$813.00	$1,626.00
71	REMOVE SIGN	1	$100.00	EA	$100.00		$66.00	$66.00	$15.00	$15.00	$82.50	$82.50	$17.00	$17.00
72	REMOVE SIGN POST	1	$100.00	EA	$100.00		$66.00	$66.00	$100.00	$100.00	$137.50	$137.50	$114.00	$114.00
73	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00		$23,000.00	$23,000.00	$3,500.00	$3,500.00	$5,500.00	$5,500.00	$5,000.00	$5,000.00
74	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00		$250.00	$500.00	$1,500.00	$3,000.00	$1,375.00	$2,750.00	$2,000.00	$4,000.00

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75	MOBILIZATION	1	$1,000.00	LS	$1,000.00	$6,000.00	$6,000.00	$3,500.00	$3,500.00	$5,000.00	$5,000.00	$20,000.00	$20,000.00
76	SCE WORK (ALLOWANCE OF $6,000)	6000	$1.00	AL	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00
77	CONCRETE REMOVAL (NON-REINFORCED)	26	$205.00	CY	$5,330.00	$330.00	$8,580.00	$530.00	$13,780.00	$574.20	$14,929.20	$626.00	$16,276.00
78	UNCLASSIFIED EXCAVATION	32	$410.00	CY	$13,120.00	$220.00	$7,040.00	$510.00	$16,320.00	$550.00	$17,600.00	$626.00	$20,032.00
79	CRUSHED MISCELLANEOUS BASE	22	$165.00	CY	$3,630.00	$148.50	$3,267.00	$350.00	$7,700.00	$361.90	$7,961.80	$569.00	$12,518.00
80	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	3	$300.00	CY	$900.00	$385.00	$1,155.00	$500.00	$1,500.00	$536.40	$1,609.20	$854.00	$2,562.00
81	AC PAVEMENT(PATCH BACK)	10	$360.00	TON	$3,600.00	$440.00	$4,400.00	$1,200.00	$12,000.00	$1,296.90	$12,969.00	$1,707.00	$17,070.00
82	PCC CURB & GUTTER, TYPE A2-VAR	42	$50.00	LF	$2,100.00	$38.50	$1,617.00	$64.00	$2,688.00	$68.30	$2,868.60	$103.00	$4,326.00
83	PCC WALK & CURB RAMPS, 4" THICK	1300	$10.50	SF	$13,650.00	$15.40	$20,020.00	$29.00	$37,700.00	$30.40	$39,520.00	$23.00	$29,900.00
84	DETECTABLE WARNING SURFACE	105	$50.00	SF	$5,250.00	$30.80	$3,234.00	$40.00	$4,200.00	$41.80	$4,389.00	$63.00	$6,615.00
85	1" CONDUIT (SCH 80 PVC)	70	$30.00	LF	$2,100.00	$16.00	$1,120.00	$15.00	$1,050.00	$94.90	$6,643.00	$30.00	$2,100.00
86	2" CONDUIT (SCH 80 PVC)	780	$40.00	LF	$31,200.00	$22.00	$17,160.00	$35.00	$27,300.00	$41.30	$32,214.00	$35.00	$27,300.00
87	3" CONDUIT (SCH 80 PVC)	410	$50.00	LF	$20,500.00	$32.00	$13,120.00	$55.00	$22,550.00	$114.50	$46,945.00	$60.00	$24,600.00
88	2-PAIR DETECTOR LEAD-IN CABLE	3000	$1.50	LF	$4,500.00	$1.50	$4,500.00	$2.00	$6,000.00	$1.00	$3,000.00	$1.20	$3,600.00
89	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2400	$2.75	LF	$6,600.00	$3.50	$8,400.00	$3.00	$7,200.00	$1.00	$2,400.00	$2.00	$4,800.00
90	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	160	$2.75	LF	$440.00	$5.00	$800.00	$5.00	$800.00	$1.40	$224.00	$4.00	$640.00
91	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2450	$2.75	LF	$6,737.50	$9.00	$22,050.00	$12.00	$29,400.00	$1.80	$4,410.00	$4.50	$11,025.00
92	WIRE #6	120	$1.80	LF	$216.00	$1.50	$180.00	$1.00	$120.00	$1.20	$144.00	$2.00	$240.00
93	WIRE #10	2400	$1.10	LF	$2,640.00	$1.20	$2,880.00	$1.00	$2,400.00	$1.00	$2,400.00	$1.00	$2,400.00

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount								*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
94	NO. 5 PULL BOX INCL PCC COVER	6	$620.00	EA	$3,720.00		$500.00	$3,000.00	$500.00	$3,000.00	$670.20	$4,021.20	$750.00	$4,500.00
95	NO. 6 PULL BOX INCL PCC COVER	9	$875.00	EA	$7,875.00		$600.00	$5,400.00	$550.00	$4,950.00	$1,015.20	$9,136.80	$850.00	$7,650.00
96	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	725	$10.50	LF	$7,612.50		$11.70	$8,482.50	$7.00	$5,075.00	$7.40	$5,365.00	$8.00	$5,800.00
97	TYPE 170 ATC/HC-11 CONTROLLER	1	$2,450.00	EA	$2,450.00		$2,100.00	$2,100.00	$2,200.00	$2,200.00	$2,465.80	$2,465.80	$2,383.00	$2,383.00
98	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00		$1,200.00	$1,200.00	$1,200.00	$1,200.00	$1,331.80	$1,331.80	$1,762.00	$1,762.00
99	SWITCH PACK	8	$85.00	EA	$680.00		$30.00	$240.00	$30.00	$240.00	$101.80	$814.40	$65.00	$520.00
100	PED ISOLATION MODULE	2	$100.00	EA	$200.00		$50.00	$100.00	$60.00	$120.00	$125.40	$250.80	$95.00	$190.00
101	2-CHANNEL ILD SENSOR UNIT	6	$150.00	EA	$900.00		$85.00	$510.00	$150.00	$900.00	$121.10	$726.60	$127.00	$762.00
102	TYPE 332 CABINET	1	$10,000.00	EA	$10,000.00		$9,200.00	$9,200.00	$10,000.00	$10,000.00	$10,018.40	$10,018.40	$10,594.00	$10,594.00
103	TYPE 332 CABINET FOUNDATION	1	$1,400.00	EA	$1,400.00		$4,900.00	$4,900.00	$3,500.00	$3,500.00	$877.50	$877.50	$1,220.00	$1,220.00
104	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00		$2,400.00	$2,400.00	$3,500.00	$3,500.00	$3,137.80	$3,137.80	$3,643.00	$3,643.00
105	TYPE III-BF SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00		$4,400.00	$4,400.00	$3,000.00	$3,000.00	$676.40	$676.40	$1,220.00	$1,220.00
106	TYPE 1 STANDARD	1	$1,000.00	EA	$1,000.00		$900.00	$900.00	$600.00	$600.00	$685.50	$685.50	$1,000.00	$1,000.00
107	TYPE 15 STANDARD	3	$2,250.00	EA	$6,750.00		$1,800.00	$5,400.00	$2,500.00	$7,500.00	$2,061.80	$6,185.40	$2,615.00	$7,845.00
108	TYPE 15 STANDARD WITH MODIFIED 24' HIGH POLE	2	$2,250.00	EA	$4,500.00		$1,800.00	$3,600.00	$2,500.00	$5,000.00	$2,061.80	$4,123.60	$2,625.00	$5,250.00
109	TYPE 26 STANDARD WITH MODIFIED 24' HIGH POLE	2	$8,100.00	EA	$16,200.00		$6,500.00	$13,000.00	$7,500.00	$15,000.00	$7,662.40	$15,324.80	$8,182.00	$16,364.00
110	TYPE 1 STANDARD FOUNDATION	1	$1,000.00	EA	$1,000.00		$1,200.00	$1,200.00	$1,200.00	$1,200.00	$980.60	$980.60	$1,000.00	$1,000.00
111	TYPE 15 STANDARD FOUNDATION	5	$2,000.00	EA	$10,000.00		$1,500.00	$7,500.00	$1,800.00	$9,000.00	$2,066.20	$10,331.00	$2,500.00	$12,500.00
112	TYPE 26 STANDARD FOUNDATION	2	$4,630.00	EA	$9,260.00		$5,000.00	$10,000.00	$6,500.00	$13,000.00	$4,813.60	$9,627.20	$5,500.00	$11,000.00
113	30' SIGNAL MAST ARM	2	$2,275.00	EA	$4,550.00		$2,200.00	$4,400.00	$2,200.00	$4,400.00	$2,263.60	$4,527.20	$2,716.00	$5,432.00

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Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount							*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*	
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
114	8' STRAIGHT LUMINAIRE MAST ARM	3	$300.00	EA	$900.00		$300.00	$900.00	$240.00	$720.00	$234.70	$704.10	$412.00	$1,236.00
115	12' STRAIGHT LUMINAIRE MAST ARM	4	$400.00	EA	$1,600.00		$350.00	$1,400.00	$350.00	$1,400.00	$376.40	$1,505.60	$560.00	$2,240.00
116	LED LUMINAIRES (100W HPS EQUIVALENT)	1	$525.00	EA	$525.00		$450.00	$450.00	$450.00	$450.00	$540.40	$540.40	$822.00	$822.00
117	LED LUMINAIRES (150W HPS EQUIVALENT)	2	$650.00	EA	$1,300.00		$500.00	$1,000.00	$550.00	$1,100.00	$582.60	$1,165.20	$857.00	$1,714.00
118	LED LUMINAIRES (200W HPS EQUIVALENT)	4	$725.00	EA	$2,900.00		$600.00	$2,400.00	$610.00	$2,440.00	$693.20	$2,772.80	$974.00	$3,896.00
119	PEDESTRIAN PUSH BUTTON	8	$200.00	EA	$1,600.00		$100.00	$800.00	$150.00	$1,200.00	$218.50	$1,748.00	$193.00	$1,544.00
120	PEDESTRIAN PUSH BUTTON PLATE	8	$40.00	EA	$320.00		$20.00	$160.00	$15.00	$120.00	$50.30	$402.40	$50.00	$400.00
121	RETROREFLECTIVE STREET NAME SIGN	4	$1,100.00	EA	$4,400.00		$750.00	$3,000.00	$1,015.00	$4,060.00	$1,233.90	$4,935.60	$1,087.00	$4,348.00
122	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	8	$650.00	EA	$5,200.00		$550.00	$4,400.00	$410.00	$3,280.00	$596.80	$4,774.40	$671.00	$5,368.00
123	3-12" LED VEHICLE HEAD (COMPLETE)	12	$750.00	EA	$9,000.00		$600.00	$7,200.00	$450.00	$5,400.00	$578.20	$6,938.40	$732.00	$8,784.00
124	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	2	$2,150.00	EA	$4,300.00		$1,400.00	$2,800.00	$1,600.00	$3,200.00	$1,793.80	$3,587.60	$1,758.00	$3,516.00
125	DETAIL 22 (THERMOPLASTIC)	480	$4.00	LF	$1,920.00		$1.98	$950.40	$3.40	$1,632.00	$3.30	$1,584.00	$4.00	$1,920.00
126	DETAIL 38 (THERMOPLASTIC)	200	$4.00	LF	$800.00		$3.30	$660.00	$3.40	$680.00	$5.50	$1,100.00	$4.00	$800.00
127	PAVEMENT MARKINGS (THERMOPLASTIC)	135	$7.00	SF	$945.00		$8.80	$1,188.00	$9.00	$1,215.00	$8.80	$1,188.00	$10.00	$1,350.00
128	4" STRIPING (THERMOPLASTIC)	200	$3.00	LF	$600.00		$1.10	$220.00	$1.03	$206.00	$2.80	$560.00	$1.20	$240.00
129	12" STRIPING (THERMOPLASTIC)	610	$5.00	LF	$3,050.00		$3.30	$2,013.00	$3.00	$1,830.00	$3.30	$2,013.00	$3.00	$1,830.00
130	REMOVE STRIPING	1419	$6.00	LF	$8,514.00		$1.65	$2,341.35	$2.10	$2,979.90	$1.70	$2,412.30	$3.00	$4,257.00
131	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)	119	$7.50	SF	$892.50		$5.50	$654.50	$5.00	$595.00	$5.50	$654.50	$5.00	$595.00

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Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount								*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
132	SIGN PANEL	4	$100.00	EA	$400.00		$150.00	$600.00	$310.00	$1,240.00	$77.00	$308.00	$353.00	$1,412.00
133	FURNISH ONE-POST (ROADSIDE SIGN)	2	$100.00	EA	$200.00		$110.00	$220.00	$75.00	$150.00	$60.50	$121.00	$86.00	$172.00
134	INSTALL ONE-POST (ROADSIDE SIGN)	2	$100.00	EA	$200.00		$220.00	$440.00	$50.00	$100.00	$82.50	$165.00	$57.00	$114.00
135	INSTALL SIGN (STRAP AND SADDLE BRACKET)	4	$100.00	EA	$400.00		$198.00	$792.00	$350.00	$1,400.00	$38.50	$154.00	$808.00	$3,232.00
136	REMOVE SIGN	8	$100.00	EA	$800.00		$66.00	$528.00	$15.00	$120.00	$55.00	$440.00	$17.00	$136.00
137	REMOVE SIGN POST	4	$100.00	EA	$400.00		$66.00	$264.00	$100.00	$400.00	$110.00	$440.00	$114.00	$456.00
138	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00		$27,000.00	$27,000.00	$3,500.00	$3,500.00	$5,500.00	$5,500.00	$5,000.00	$5,000.00
139	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00		$250.00	$500.00	$1,500.00	$3,000.00	$1,375.00	$2,750.00	$2,000.00	$4,000.00
140	MOBILIZATION	1	$1,000.00	LS	$1,000.00		$6,000.00	$6,000.00	$3,500.00	$3,500.00	$5,000.00	$5,000.00	$10,000.00	$10,000.00
141	SCE WORK (ALLOWANCE OF $6000)	6000	$1.00	AL	$6,000.00		$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00
142	1" CONDUIT (SCH 80 PVC)	50	$30.00	LF	$1,500.00		$5.00	$250.00	$15.00	$750.00	$94.90	$4,745.00	$30.00	$1,500.00
143	2" CONDUIT (SCH 80 PVC)	540	$40.00	LF	$21,600.00		$22.00	$11,880.00	$35.00	$18,900.00	$54.50	$29,430.00	$35.00	$18,900.00
144	3" CONDUIT (SCH 80 PVC)	390	$50.00	LF	$19,500.00		$32.00	$12,480.00	$55.00	$21,450.00	$95.20	$37,128.00	$60.00	$23,400.00
145	2-PAIR DETECTOR LEAD-IN CABLE	1500	$1.50	LF	$2,250.00		$1.50	$2,250.00	$2.00	$3,000.00	$1.10	$1,650.00	$1.20	$1,800.00
146	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1900	$2.75	LF	$5,225.00		$3.50	$6,650.00	$3.00	$5,700.00	$1.00	$1,900.00	$2.00	$3,800.00
147	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	250	$2.75	LF	$687.50		$5.00	$1,250.00	$5.00	$1,250.00	$1.70	$425.00	$4.00	$1,000.00
148	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2400	$2.75	LF	$6,600.00		$9.00	$21,600.00	$8.00	$19,200.00	$1.80	$4,320.00	$5.00	$12,000.00
149	WIRE #6	830	$1.80	LF	$1,494.00		$1.50	$1,245.00	$1.00	$830.00	$1.20	$996.00	$2.00	$1,660.00
150	WIRE #10	2600	$1.10	LF	$2,860.00		$1.20	$3,120.00	$1.00	$2,600.00	$1.00	$2,600.00	$1.00	$2,600.00
151	NO. 5 PULL BOX INCL PCC COVER	3	$620.00	EA	$1,860.00		$500.00	$1,500.00	$500.00	$1,500.00	$670.20	$2,010.60	$750.00	$2,250.00
152	NO. 6 PULL BOX INCL PCC COVER	8	$875.00	EA	$7,000.00		$600.00	$4,800.00	$550.00	$4,400.00	$1,015.20	$8,121.60	$850.00	$6,800.00

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			Engineer's Estimate			(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount							*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
153	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	600	$10.50	LF	$6,300.00	$11.70	$7,020.00	$7.00	$4,200.00	$7.40	$4,440.00	$7.70	$4,620.00
154	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	2	$500.00	EA	$1,000.00	$500.00	$1,000.00	$650.00	$1,300.00	$605.60	$1,211.20	$600.00	$1,200.00
155	REMOVE TYPE 17M STANDARD (COMPLETE) (EXCL. FOUND.)	3	$600.00	EA	$1,800.00	$2,000.00	$6,000.00	$1,800.00	$5,400.00	$1,211.10	$3,633.30	$1,083.00	$3,249.00
156	REMOVE PULL BOX AND RESURFACE SIDEWALK	2	$620.00	EA	$1,240.00	$500.00	$1,000.00	$350.00	$700.00	$1,242.20	$2,484.40	$1,316.00	$2,632.00
157	REMOVE VEHICLE HEAD (COMPLETE)	4	$100.00	EA	$400.00	$30.00	$120.00	$250.00	$1,000.00	$151.40	$605.60	$120.00	$480.00
158	REMOVE PEDESTRIAN HEAD (COMPLETE)	1	$125.00	EA	$125.00	$20.00	$20.00	$80.00	$80.00	$151.40	$151.40	$120.00	$120.00
159	REMOVE PEDESTRIAN PUSH BUTTON	3	$85.00	EA	$255.00	$10.00	$30.00	$25.00	$75.00	$75.70	$227.10	$100.00	$300.00
160	REMOVE TYPE 1 FOUNDATION	2	$930.00	EA	$1,860.00	$400.00	$800.00	$800.00	$1,600.00	$908.40	$1,816.80	$615.00	$1,230.00
161	REMOVE TYPE 17 FOUNDATION	3	$1,150.00	EA	$3,450.00	$700.00	$2,100.00	$2,000.00	$6,000.00	$1,513.90	$4,541.70	$1,100.00	$3,300.00
162	REMOVE ELECTRICAL SERVICE	1	$310.00	EA	$310.00	$400.00	$400.00	$800.00	$800.00	$908.40	$908.40	$475.00	$475.00
163	RELOCATE LUMINAIRE	5	$310.00	EA	$1,550.00	$200.00	$1,000.00	$50.00	$250.00	$245.70	$1,228.50	$300.00	$1,500.00
164	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	3	$340.00	EA	$1,020.00	$400.00	$1,200.00	$250.00	$750.00	$613.30	$1,839.90	$300.00	$900.00
165	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00	$1,700.00	$1,700.00	$1,200.00	$1,200.00	$1,776.60	$1,776.60	$2,192.00	$2,192.00
166	SWITCH PACK	1	$85.00	EA	$85.00	$52.00	$52.00	$50.00	$50.00	$202.30	$202.30	$106.00	$106.00
167	2-CHANNEL ILD SENSOR UNIT	1	$150.00	EA	$150.00	$170.00	$170.00	$200.00	$200.00	$238.50	$238.50	$224.00	$224.00
168	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00	$3,000.00	$3,000.00	$3,500.00	$3,500.00	$2,570.10	$2,570.10	$3,643.00	$3,643.00
169	TYPE III-B SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00	$4,000.00	$4,000.00	$3,500.00	$3,500.00	$676.40	$676.40	$1,220.00	$1,220.00

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(1) Preliminary Bid Amount								*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
170	TEMPORARY TYPE 17 STANDARD	1	$2,350.00	EA	$2,350.00		$1,700.00	$1,700.00	$2,800.00	$2,800.00	$3,633.40	$3,633.40	$2,738.00	$2,738.00
171	TYPE 15TS STANDARD	2	$2,250.00	EA	$4,500.00		$1,800.00	$3,600.00	$2,500.00	$5,000.00	$2,061.80	$4,123.60	$2,700.00	$5,400.00
172	TYPE 26 STANDARD	3	$8,100.00	EA	$24,300.00		$6,500.00	$19,500.00	$7,000.00	$21,000.00	$7,662.40	$22,987.20	$8,182.00	$24,546.00
173	TYPE 15TS STANDARD FOUNDATION	2	$2,000.00	EA	$4,000.00		$2,150.00	$4,300.00	$2,400.00	$4,800.00	$2,066.20	$4,132.40	$2,700.00	$5,400.00
174	TYPE 26 STANDARD FOUNDATION	3	$4,630.00	EA	$13,890.00		$5,500.00	$16,500.00	$6,000.00	$18,000.00	$4,510.80	$13,532.40	$5,500.00	$16,500.00
175	35' SIGNAL MAST ARM	2	$2,400.00	EA	$4,800.00		$2,400.00	$4,800.00	$2,200.00	$4,400.00	$2,415.00	$4,830.00	$2,716.00	$5,432.00
176	40' SIGNAL MAST ARM	1	$3,000.00	EA	$3,000.00		$2,600.00	$2,600.00	$2,200.00	$2,200.00	$2,415.00	$2,415.00	$2,706.00	$2,706.00
177	12' LUMINAIRE MAST ARM	5	$400.00	EA	$2,000.00		$350.00	$1,750.00	$350.00	$1,750.00	$376.40	$1,882.00	$560.00	$2,800.00
178	8' STRAIGHT MAST ARM FOR STREET NAME SIGN	3	$2,050.00	EA	$6,150.00		$1,400.00	$4,200.00	$240.00	$720.00	$1,566.70	$4,700.10	$1,758.00	$5,274.00
179	PEDESTRIAN PUSH BUTTON	6	$200.00	EA	$1,200.00		$100.00	$600.00	$150.00	$900.00	$142.80	$856.80	$193.00	$1,158.00
180	PEDESTRIAN PUSH BUTTON PLATE	6	$40.00	EA	$240.00		$20.00	$120.00	$15.00	$90.00	$50.30	$301.80	$50.00	$300.00
181	3-12" LED VEHICLE HEAD (COMPLETE)	10	$750.00	EA	$7,500.00		$550.00	$5,500.00	$450.00	$4,500.00	$585.00	$5,850.00	$703.00	$7,030.00
182	5-12" LED VEHICLE HEAD (COMPLETE)	4	$1,000.00	EA	$4,000.00		$820.00	$3,280.00	$750.00	$3,000.00	$875.80	$3,503.20	$1,200.00	$4,800.00
183	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	6	$650.00	EA	$3,900.00		$500.00	$3,000.00	$410.00	$2,460.00	$596.80	$3,580.80	$671.00	$4,026.00
184	SIGN PANEL	6	$100.00	EA	$600.00		$150.00	$900.00	$310.00	$1,860.00	$82.50	$495.00	$353.00	$2,118.00
185	INSTALL SIGN (STRAP AND SADDLE BRACKET)	5	$100.00	EA	$500.00		$198.00	$990.00	$115.00	$575.00	$137.50	$687.50	$131.00	$655.00
186	INSTALL SIGN (MAST-ARM HANGER)	1	$100.00	EA	$100.00		$150.00	$150.00	$150.00	$150.00	$224.90	$224.90	$803.00	$803.00
187	REMOVE SIGN	5	$100.00	EA	$500.00		$66.00	$330.00	$15.00	$75.00	$16.50	$82.50	$17.00	$85.00
188	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00		$21,000.00	$21,000.00	$3,500.00	$3,500.00	$5,500.00	$5,500.00	$4,000.00	$4,000.00
189	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00		$250.00	$500.00	$1,500.00	$3,000.00	$1,375.00	$2,750.00	$2,000.00	$4,000.00
190	MOBILIZATION	1	$1,000.00	LS	$1,000.00		$6,000.00	$6,000.00	$3,500.00	$3,500.00	$5,000.00	$5,000.00	$10,000.00	$10,000.00
191	SCE WORK (ALLOWANCE OF $6,000)	6000	$1.00	AL	$6,000.00		$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00	$1.00	$6,000.00

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

			Engineer's Estimate			(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount							*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
192	CONCRETE REMOVAL (NON-REINFORCED)	17	$205.00	CY	$3,485.00	$385.00	$6,545.00	$600.00	$10,200.00	$646.00	$10,982.00	$626.00	$10,642.00
193	UNCLASSIFIED EXCAVATION	22	$410.00	CY	$9,020.00	$220.00	$4,840.00	$580.00	$12,760.00	$619.20	$13,622.40	$626.00	$13,772.00
194	CRUSHED MISCELLANEOUS BASE	16	$165.00	CY	$2,640.00	$148.50	$2,376.00	$350.00	$5,600.00	$363.00	$5,808.00	$569.00	$9,104.00
195	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	4	$300.00	CY	$1,200.00	$385.00	$1,540.00	$500.00	$2,000.00	$548.40	$2,193.60	$854.00	$3,416.00
196	PCC CURB & GUTTER, TYPE A2-VAR	95	$50.00	LF	$4,750.00	$38.50	$3,657.50	$62.00	$5,890.00	$64.10	$6,089.50	$103.00	$9,785.00
197	PCC CURB RAMPS, 4" THICK	730	$10.50	SF	$7,665.00	$15.40	$11,242.00	$33.00	$24,090.00	$34.70	$25,331.00	$23.00	$16,790.00
198	AC PAVEMENT(PATCH BACK)	9	$360.00	TON	$3,240.00	$440.00	$3,960.00	$1,300.00	$11,700.00	$1,372.10	$12,348.90	$1,707.00	$15,363.00
199	DETECTABLE WARNING SURFACE	80	$50.00	SF	$4,000.00	$30.80	$2,464.00	$40.00	$3,200.00	$41.80	$3,344.00	$63.00	$5,040.00
200	1" CONDUIT (SCH 80 PVC)	40	$30.00	LF	$1,200.00	$5.00	$200.00	$15.00	$600.00	$132.70	$5,308.00	$30.00	$1,200.00
201	2" CONDUIT (SCH 80 PVC)	650	$40.00	LF	$26,000.00	$22.00	$14,300.00	$35.00	$22,750.00	$51.40	$33,410.00	$35.00	$22,750.00
202	3" CONDUIT (SCH 80 PVC)	360	$50.00	LF	$18,000.00	$32.00	$11,520.00	$55.00	$19,800.00	$104.50	$37,620.00	$60.00	$21,600.00
203	2-PAIR DETECTOR LEAD-IN CABLE	2200	$1.50	LF	$3,300.00	$1.50	$3,300.00	$2.00	$4,400.00	$1.40	$3,080.00	$1.20	$2,640.00
204	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	990	$2.75	LF	$2,722.50	$3.50	$3,465.00	$3.00	$2,970.00	$1.30	$1,287.00	$2.00	$1,980.00
205	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	270	$2.75	LF	$742.50	$5.00	$1,350.00	$5.00	$1,350.00	$1.70	$459.00	$4.00	$1,080.00
206	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1025	$2.75	LF	$2,818.75	$9.00	$9,225.00	$12.00	$12,300.00	$2.10	$2,152.50	$5.00	$5,125.00
207	WIRE #6	324	$1.80	LF	$583.20	$1.50	$486.00	$1.00	$324.00	$1.50	$486.00	$2.00	$648.00
208	WIRE #10	2000	$1.10	LF	$2,200.00	$1.20	$2,400.00	$1.00	$2,000.00	$1.30	$2,600.00	$1.00	$2,000.00
209	NO. 5 PULL BOX INCL PCC COVER	3	$620.00	EA	$1,860.00	$500.00	$1,500.00	$500.00	$1,500.00	$670.20	$2,010.60	$750.00	$2,250.00
210	NO. 6 PULL BOX INCL PCC COVER	7	$875.00	EA	$6,125.00	$600.00	$4,200.00	$550.00	$3,850.00	$1,015.20	$7,106.40	$850.00	$5,950.00

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount							*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*	
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
211	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	790	$10.50	LF	$8,295.00		$11.70	$9,243.00	$7.00	$5,530.00	$7.40	$5,846.00	$7.70	$6,083.00
212	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	$11,300.00	LS	$11,300.00		$9,000.00	$9,000.00	$12,000.00	$12,000.00	$14,872.10	$14,872.10	$15,651.00	$15,651.00
213	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	1	$500.00	EA	$500.00		$400.00	$400.00	$800.00	$800.00	$302.80	$302.80	$600.00	$600.00
214	REMOVE TYPE 15TS STANDARD (COMPLETE) (EXCL. FOUND.)	1	$600.00	EA	$600.00		$1,600.00	$1,600.00	$1,800.00	$1,800.00	$667.70	$667.70	$1,100.00	$1,100.00
215	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	2	$850.00	EA	$1,700.00		$2,000.00	$4,000.00	$1,800.00	$3,600.00	$970.50	$1,941.00	$1,200.00	$2,400.00
216	REMOVE TYPE 1 FOUNDATION	1	$930.00	EA	$930.00		$600.00	$600.00	$800.00	$800.00	$485.20	$485.20	$600.00	$600.00
217	REMOVE TYPE 15TS FOUNDATION	1	$930.00	EA	$930.00		$900.00	$900.00	$1,800.00	$1,800.00	$819.10	$819.10	$1,200.00	$1,200.00
218	REMOVE TYPE 26 FOUNDATION	2	$1,150.00	EA	$2,300.00		$1,800.00	$3,600.00	$2,300.00	$4,600.00	$1,576.10	$3,152.20	$1,800.00	$3,600.00
219	REMOVE CONTROLLER CABINET COMPLETE	1	$450.00	EA	$450.00		$400.00	$400.00	$500.00	$500.00	$454.20	$454.20	$475.00	$475.00
220	REMOVE CONTROLLER CABINET FOUNDATION	1	$625.00	EA	$625.00		$600.00	$600.00	$1,000.00	$1,000.00	$333.80	$333.80	$600.00	$600.00
221	REMOVE SERVICE CABINET (COMPLETE)	1	$210.00	EA	$210.00		$400.00	$400.00	$500.00	$500.00	$454.20	$454.20	$475.00	$475.00
222	REMOVE SERVICE CABINET FOUNDATION	1	$310.00	EA	$310.00		$500.00	$500.00	$500.00	$500.00	$333.80	$333.80	$600.00	$600.00
223	REMOVE PULL BOX AND RESURFACE SIDEWALK	3	$620.00	EA	$1,860.00		$450.00	$1,350.00	$350.00	$1,050.00	$636.60	$1,909.80	$1,400.00	$4,200.00
224	REMOVE PEDESTRIAN HEAD (COMPLETE)	3	$125.00	EA	$375.00		$40.00	$120.00	$25.00	$75.00	$151.40	$454.20	$120.00	$360.00
225	REMOVE PEDESTRIAN PUSH BUTTON	3	$85.00	EA	$255.00		$25.00	$75.00	$15.00	$45.00	$75.70	$227.10	$100.00	$300.00

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount								*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
226	RELOCATE VEHICLE HEAD (COMPLETE)	2	$260.00	EA	$520.00		$120.00	$240.00	$150.00	$300.00	$302.80	$605.60	$300.00	$600.00
227	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	2	$340.00	EA	$680.00		$500.00	$1,000.00	$200.00	$400.00	$689.00	$1,378.00	$300.00	$600.00
228	RELOCATE WIRELESS RADIO EQUIPMENT AND ANTENNA	1	$710.00	EA	$710.00		$1,200.00	$1,200.00	$200.00	$200.00	$636.60	$636.60	$400.00	$400.00
229	TYPE 170 ATC/HC-11 CONTROLLER	1	$2,450.00	EA	$2,450.00		$2,200.00	$2,200.00	$2,200.00	$2,200.00	$2,920.00	$2,920.00	$2,383.00	$2,383.00
230	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00		$1,200.00	$1,200.00	$1,200.00	$1,200.00	$1,331.80	$1,331.80	$1,721.00	$1,721.00
231	SWITCH PACK	11	$85.00	EA	$935.00		$30.00	$330.00	$30.00	$330.00	$63.90	$702.90	$64.00	$704.00
232	PED ISOLATION MODULE	2	$100.00	EA	$200.00		$50.00	$100.00	$60.00	$120.00	$87.50	$175.00	$95.00	$190.00
233	2-CHANNEL ILD SENSOR UNIT	8	$150.00	EA	$1,200.00		$90.00	$720.00	$90.00	$720.00	$121.10	$968.80	$126.00	$1,008.00
234	TYPE 332 CABINET	1	$10,000.00	EA	$10,000.00		$10,500.00	$10,500.00	$10,000.00	$10,000.00	$10,018.40	$10,018.40	$10,594.00	$10,594.00
235	TYPE 332 CABINET FOUNDATION	1	$1,400.00	EA	$1,400.00		$4,900.00	$4,900.00	$1,500.00	$1,500.00	$877.50	$877.50	$1,220.00	$1,220.00
236	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00		$3,000.00	$3,000.00	$800.00	$800.00	$3,137.80	$3,137.80	$3,643.00	$3,643.00
237	TYPE III-BF SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00		$4,500.00	$4,500.00	$800.00	$800.00	$676.40	$676.40	$1,220.00	$1,220.00
238	TEMPORARY CONTROLLER CABINET	1	$2,050.00	EA	$2,050.00		$1,750.00	$1,750.00	$3,000.00	$3,000.00	$2,546.50	$2,546.50	$2,400.00	$2,400.00
239	TEMPORARY SERVICE CABINET	1	$1,025.00	EA	$1,025.00		$1,500.00	$1,500.00	$500.00	$500.00	$2,546.50	$2,546.50	$1,600.00	$1,600.00
240	TEMPORARY TYPE 15TS STANDARD	1	$2,100.00	EA	$2,100.00		$1,500.00	$1,500.00	$1,900.00	$1,900.00	$3,633.40	$3,633.40	$2,500.00	$2,500.00
241	TYPE 15 STANDARD	2	$2,250.00	EA	$4,500.00		$1,800.00	$3,600.00	$2,500.00	$5,000.00	$2,061.80	$4,123.60	$2,615.00	$5,230.00
242	TYPE 26 STANDARD	2	$8,100.00	EA	$16,200.00		$7,000.00	$14,000.00	$7,500.00	$15,000.00	$7,662.40	$15,324.80	$8,182.00	$16,364.00
243	TYPE 15 STANDARD FOUNDATION	2	$2,000.00	EA	$4,000.00		$1,900.00	$3,800.00	$2,400.00	$4,800.00	$1,914.80	$3,829.60	$2,500.00	$5,000.00
244	TYPE 26 STANDARD FOUNDATION	2	$4,630.00	EA	$9,260.00		$7,000.00	$14,000.00	$6,000.00	$12,000.00	$4,510.80	$9,021.60	$5,500.00	$11,000.00

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Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
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					Engineer's Estimate		(1) P T M General Engineering Services, Inc.		(2) DBX, Inc.		(3) Aldridge		(4) Elecnor Belco Electric, Inc.	
(1) Preliminary Bid Amount								*$987,787.00*		$1,071,746.90		*$1,154,928.90*		*$1,191,709.00*
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
245	45' SIGNAL MAST ARM	2	$3,150.00	EA	$6,300.00		$2,700.00	$5,400.00	$2,600.00	$5,200.00	$2,697.20	$5,394.40	$3,095.00	$6,190.00
246	12' LUMINAIRE MAST ARM	4	$400.00	EA	$1,600.00		$450.00	$1,800.00	$350.00	$1,400.00	$376.40	$1,505.60	$560.00	$2,240.00
247	LED LUMINAIRES (150W HPS EQUIVALENT)	1	$650.00	EA	$650.00		$500.00	$500.00	$450.00	$450.00	$582.60	$582.60	$867.00	$867.00
248	LED LUMINAIRES (250W HPS EQUIVALENT)	4	$800.00	EA	$3,200.00		$800.00	$3,200.00	$700.00	$2,800.00	$837.30	$3,349.20	$1,126.00	$4,504.00
249	PEDESTRIAN PUSH BUTTON	8	$200.00	EA	$1,600.00		$100.00	$800.00	$90.00	$720.00	$218.50	$1,748.00	$193.00	$1,544.00
250	PEDESTRIAN PUSH BUTTON PLATE	8	$40.00	EA	$320.00		$20.00	$160.00	$15.00	$120.00	$50.30	$402.40	$50.00	$400.00
251	RETROREFLECTIVE STREET NAME SIGN	2	$1,100.00	EA	$2,200.00		$1,000.00	$2,000.00	$900.00	$1,800.00	$1,068.80	$2,137.60	$1,000.00	$2,000.00
252	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	4	$2,150.00	EA	$8,600.00		$1,500.00	$6,000.00	$1,500.00	$6,000.00	$1,793.80	$7,175.20	$1,758.00	$7,032.00
253	RELOCATE SIGN (MAST-ARM HANGER)	2	$150.00	EA	$300.00		$250.00	$500.00	$150.00	$300.00	$427.00	$854.00	$200.00	$400.00
254	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	8	$650.00	EA	$5,200.00		$550.00	$4,400.00	$410.00	$3,280.00	$596.80	$4,774.40	$671.00	$5,368.00
255	3-12" LED VEHICLE HEAD (COMPLETE)	9	$750.00	EA	$6,750.00		$650.00	$5,850.00	$450.00	$4,050.00	$522.90	$4,706.10	$635.00	$5,715.00
256	REMOVE STRIPING	550	$6.00	LF	$3,300.00		$2.20	$1,210.00	$4.10	$2,255.00	$2.20	$1,210.00	$5.00	$2,750.00
257	12" STRIPING (THERMOPLASTIC)	115	$5.00	LF	$575.00		$4.40	$506.00	$4.00	$460.00	$3.30	$379.50	$4.00	$460.00
258	CONTINENTAL CROSSWALK (THERMOPLASTIC)	230	$15.00	LF	$3,450.00		$4.40	$1,012.00	$14.00	$3,220.00	$10.50	$2,415.00	$16.00	$3,680.00
259	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00		$24,167.05	$24,167.05	$3,500.00	$3,500.00	$5,500.00	$5,500.00	$4,000.00	$4,000.00
260	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00		$250.00	$500.00	$1,500.00	$3,000.00	$1,375.00	$2,750.00	$2,000.00	$4,000.00
Unit Price Total					$972,584.95			$988,437.00		$1,071,746.90		$1,154,928.91		$1,204,977.00
(3) Local Small Business Enterprise (LSBE) Preference Amount								$0.00		$0.00		$0.00		$0.00
(4) LSBE Adjusted Amount								$988,437.00		$1,071,746.90		$1,154,928.91		$1,204,977.00
Comments							NON RESPONSIVE		APPARENT LOW BIDDER					

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

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF $2,000)	1	$2,000.00	LS	$2,000.00	$2,000.00	$2,000.00						
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF $500/MONTH)	3	$500.00	MTH	$1,500.00	$500.00	$1,500.00						
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF $2,000)	1	$2,000.00	LS	$2,000.00	$2,000.00	$2,000.00						
4	MOBILIZATION	1	$1,000.00	LS	$1,000.00	$25,000.00	$25,000.00						
5	SCE WORK (ALLOWANCE OF $6,000)	6000	$1.00	AL	$6,000.00	$1.00	$6,000.00						
6	CONCRETE REMOVAL (NON-REINFORCED)	6	$205.00	CY	$1,230.00	$706.00	$4,236.00						
7	UNCLASSIFIED EXCAVATION	8	$410.00	CY	$3,280.00	$703.00	$5,624.00						
8	CRUSHED MISCELLANEOUS BASE	6	$165.00	CY	$990.00	$398.00	$2,388.00						
9	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	2	$300.00	CY	$600.00	$610.00	$1,220.00						
10	PCC CURB & GUTTER, TYPE A2-VAR	30	$50.00	LF	$1,500.00	$76.00	$2,280.00						
11	PCC CURB RAMPS, 4" THICK	250	$10.50	SF	$2,625.00	$47.00	$11,750.00						
12	AC PAVEMENT(PATCH BACK)	3	$360.00	TON	$1,080.00	$1,592.00	$4,776.00						
13	DETECTABLE WARNING SURFACE	50	$50.00	SF	$2,500.00	$47.00	$2,350.00						

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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
14	1" CONDUIT (SCH 80 PVC)	40	$30.00	LF	$1,200.00	$92.00	$3,680.00						
15	2" CONDUIT (SCH 80 PVC)	750	$40.00	LF	$30,000.00	$49.00	$36,750.00						
16	3" CONDUIT (SCH 80 PVC)	425	$50.00	LF	$21,250.00	$59.00	$25,075.00						
17	2-PAIR DETECTOR LEAD-IN CABLE	1210	$1.50	LF	$1,815.00	$1.50	$1,815.00						
18	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	800	$2.75	LF	$2,200.00	$7.40	$5,920.00						
19	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	190	$2.75	LF	$522.50	$6.10	$1,159.00						
20	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	710	$2.75	LF	$1,952.50	$8.50	$6,035.00						
21	WIRE # 6	60	$1.80	LF	$108.00	$1.80	$108.00						
22	WIRE #10	1350	$1.10	LF	$1,485.00	$0.80	$1,080.00						
23	NO. 5 PULL BOX INCL PCC COVER	5	$620.00	EA	$3,100.00	$1,112.00	$5,560.00						
24	NO. 6 PULL BOX INCL PCC COVER	6	$875.00	EA	$5,250.00	$1,216.00	$7,296.00						
25	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	500	$10.50	LF	$5,250.00	$10.50	$5,250.00						
26	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	$11,300.00	EA	$11,300.00	$18,621.00	$18,621.00						
27	TYPE 170 ATC/HC-11 CONTROLLER	1	$2,450.00	EA	$2,450.00	$2,173.00	$2,173.00						
28	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00	$1,279.00	$1,279.00						
29	SWITCH PACK	7	$85.00	EA	$595.00	$30.00	$210.00						
30	PED ISOLATION MODULE	2	$100.00	EA	$200.00	$58.00	$116.00						
31	2-CHANNEL ILD SENSOR UNIT	4	$150.00	EA	$600.00	$92.00	$368.00						
32	TYPE 332 CABINET	1	$10,000.00	EA	$10,000.00	$10,690.00	$10,690.00						
33	TYPE 332 CABINET FOUNDATION	1	$1,400.00	EA	$1,400.00	$1,936.00	$1,936.00						
34	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00	$3,169.00	$3,169.00						
35	TYPE III-BF SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00	$1,936.00	$1,936.00						
36	TYPE 1 STANDARD	1	$1,000.00	EA	$1,000.00	$633.00	$633.00						
37	TYPE 15 STANDARD	1	$2,000.00	EA	$2,000.00	$1,900.00	$1,900.00						

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(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
38	TYPE 24 STANDARD	1	$7,250.00	EA	$7,250.00	$8,265.00	$8,265.00						
39	TYPE 24 STANDARD WITH MODIFIED 24' HIGH POLE	1	$7,250.00	EA	$7,250.00	$8,179.00	$8,179.00						
40	TYPE 26 STANDARD	1	$8,100.00	EA	$8,100.00	$9,075.00	$9,075.00						
41	TYPE 1 STANDARD FOUNDATION	1	$1,000.00	EA	$1,000.00	$1,444.00	$1,444.00						
42	TYPE 15 STANDARD FOUNDATION	1	$2,250.00	EA	$2,250.00	$2,130.00	$2,130.00						
43	TYPE 24 STANDARD FOUNDATION	2	$4,450.00	EA	$8,900.00	$4,582.00	$9,164.00						
44	TYPE 26 STANDARD FOUNDATION	1	$4,630.00	EA	$4,630.00	$5,267.00	$5,267.00						
45	25' SIGNAL MAST ARM	1	$2,200.00	EA	$2,200.00	$2,856.00	$2,856.00						
46	30' SIGNAL MAST ARM	1	$2,275.00	EA	$2,275.00	$2,868.00	$2,868.00						
47	40' SIGNAL MAST ARM	1	$3,000.00	EA	$3,000.00	$2,823.00	$2,823.00						
48	8' LUMINAIRE MAST ARM	3	$300.00	EA	$900.00	$360.00	$1,080.00						
49	12' LUMINAIRE MAST ARM	3	$400.00	EA	$1,200.00	$513.00	$1,539.00						
50	LED LUMINAIRES (150W HPS EQUIVALENT)	3	$650.00	EA	$1,950.00	$790.00	$2,370.00						
51	LED LUMINAIRES (200W HPS EQUIVALENT)	3	$725.00	EA	$2,175.00	$910.00	$2,730.00						
52	PEDESTRIAN PUSH BUTTON	6	$200.00	EA	$1,200.00	$273.00	$1,638.00						
53	PEDESTRIAN PUSH BUTTON PLATE	6	$40.00	EA	$240.00	$22.00	$132.00						
54	PEDESTRIAN PUSH BUTTON POST	1	$400.00	EA	$400.00	$277.00	$277.00						
55	PEDESTRIAN PUSH BUTTON POST FOUNDATION	1	$500.00	EA	$500.00	$716.00	$716.00						
56	RETROREFLECTIVE STREET NAME SIGN	3	$1,100.00	EA	$3,300.00	$1,796.00	$5,388.00						
57	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	6	$650.00	EA	$3,900.00	$840.00	$5,040.00						
58	3-12" LED VEHICLE HEAD (COMPLETE)	13	$750.00	EA	$9,750.00	$766.00	$9,958.00						

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Project ID: RDC0015966
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(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
59	DETAIL 22 (THERMOPLASTIC)	115	$4.00	LF	$460.00	$4.00	$460.00						
60	DETAIL 29 (THERMOPLASTIC)	90	$4.00	LF	$360.00	$5.00	$450.00						
61	DETAIL 38 (THERMOPLASTIC)	13	$4.00	LF	$52.00	$5.00	$65.00						
62	PAVEMENT MARKINGS (THERMOPLASTIC)	70	$7.00	SF	$490.00	$10.00	$700.00						
63	4" STRIPING (THERMOPLASTIC)	150	$3.00	LF	$450.00	$1.00	$150.00						
64	12" STRIPING (THERMOPLASTIC)	560	$5.00	LF	$2,800.00	$4.00	$2,240.00						
65	12" YELLOW DIAGONAL STRIPING (THERMOPLASTIC)	14	$3.50	LF	$49.00	$12.00	$168.00						
66	CURB MARKINGS (ONE-COAT PAINT)	30	$3.50	LF	$105.00	$5.00	$150.00						
67	REMOVE STRIPING	200	$6.00	LF	$1,200.00	$3.00	$600.00						
68	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)	92	$7.50	SF	$690.00	$6.00	$552.00						
69	INSTALL SIGN (STRAP AND SADDLE BRACKET)	4	$100.00	EA	$400.00	$221.00	$884.00						
70	INSTALL SIGN (MAST-ARM HANGER)	2	$100.00	EA	$200.00	$500.00	$1,000.00						
71	REMOVE SIGN	1	$100.00	EA	$100.00	$75.00	$75.00						
72	REMOVE SIGN POST	1	$100.00	EA	$100.00	$74.00	$74.00						
73	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00	$7,000.00	$7,000.00						
74	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00	$665.00	$1,330.00						
75	MOBILIZATION	1	$1,000.00	LS	$1,000.00	$12,000.00	$12,000.00						
76	SCE WORK (ALLOWANCE OF $6,000)	6000	$1.00	AL	$6,000.00	$1.00	$6,000.00						
77	CONCRETE REMOVAL (NON-REINFORCED)	26	$205.00	CY	$5,330.00	$640.00	$16,640.00						
78	UNCLASSIFIED EXCAVATION	32	$410.00	CY	$13,120.00	$612.00	$19,584.00						
79	CRUSHED MISCELLANEOUS BASE	22	$165.00	CY	$3,630.00	$403.00	$8,866.00						
80	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	3	$300.00	CY	$900.00	$587.00	$1,761.00						
81	AC PAVEMENT(PATCH BACK)	10	$360.00	TON	$3,600.00	$1,443.00	$14,430.00						

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
82	PCC CURB & GUTTER, TYPE A2-VAR	42	$50.00	LF	$2,100.00	$76.00	$3,192.00						
83	PCC WALK & CURB RAMPS, 4" THICK	1300	$10.50	SF	$13,650.00	$34.00	$44,200.00						
84	DETECTABLE WARNING SURFACE	105	$50.00	SF	$5,250.00	$47.00	$4,935.00						
85	1" CONDUIT (SCH 80 PVC)	70	$30.00	LF	$2,100.00	$74.00	$5,180.00						
86	2" CONDUIT (SCH 80 PVC)	780	$40.00	LF	$31,200.00	$45.00	$35,100.00						
87	3" CONDUIT (SCH 80 PVC)	410	$50.00	LF	$20,500.00	$50.00	$20,500.00						
88	2-PAIR DETECTOR LEAD-IN CABLE	3000	$1.50	LF	$4,500.00	$1.50	$4,500.00						
89	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	2400	$2.75	LF	$6,600.00	$7.00	$16,800.00						
90	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	160	$2.75	LF	$440.00	$6.00	$960.00						
91	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2450	$2.75	LF	$6,737.50	$7.00	$17,150.00						
92	WIRE #6	120	$1.80	LF	$216.00	$2.00	$240.00						
93	WIRE #10	2400	$1.10	LF	$2,640.00	$1.00	$2,400.00						
94	NO. 5 PULL BOX INCL PCC COVER	6	$620.00	EA	$3,720.00	$700.00	$4,200.00						
95	NO. 6 PULL BOX INCL PCC COVER	9	$875.00	EA	$7,875.00	$1,000.00	$9,000.00						
96	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	725	$10.50	LF	$7,612.50	$8.50	$6,162.50						
97	TYPE 170 ATC/HC-11 CONTROLLER	1	$2,450.00	EA	$2,450.00	$3,050.00	$3,050.00						
98	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00	$1,279.00	$1,279.00						
99	SWITCH PACK	8	$85.00	EA	$680.00	$37.00	$296.00						
100	PED ISOLATION MODULE	2	$100.00	EA	$200.00	$62.00	$124.00						
101	2-CHANNEL ILD SENSOR UNIT	6	$150.00	EA	$900.00	$98.00	$588.00						
102	TYPE 332 CABINET	1	$10,000.00	EA	$10,000.00	$10,690.00	$10,690.00						
103	TYPE 332 CABINET FOUNDATION	1	$1,400.00	EA	$1,400.00	$1,936.00	$1,936.00						
104	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00	$3,168.00	$3,168.00						

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
105	TYPE III-BF SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00	$2,477.00	$2,477.00						
106	TYPE 1 STANDARD	1	$1,000.00	EA	$1,000.00	$633.00	$633.00						
107	TYPE 15 STANDARD	3	$2,250.00	EA	$6,750.00	$2,261.00	$6,783.00						
108	TYPE 15 STANDARD WITH MODIFIED 24' HIGH POLE	2	$2,250.00	EA	$4,500.00	$2,441.00	$4,882.00						
109	TYPE 26 STANDARD WITH MODIFIED 24' HIGH POLE	2	$8,100.00	EA	$16,200.00	$8,263.00	$16,526.00						
110	TYPE 1 STANDARD FOUNDATION	1	$1,000.00	EA	$1,000.00	$903.00	$903.00						
111	TYPE 15 STANDARD FOUNDATION	5	$2,000.00	EA	$10,000.00	$1,805.00	$9,025.00						
112	TYPE 26 STANDARD FOUNDATION	2	$4,630.00	EA	$9,260.00	$4,726.00	$9,452.00						
113	30' SIGNAL MAST ARM	2	$2,275.00	EA	$4,550.00	$2,823.00	$5,646.00						
114	8' STRAIGHT LUMINAIRE MAST ARM	3	$300.00	EA	$900.00	$180.00	$540.00						
115	12' STRAIGHT LUMINAIRE MAST ARM	4	$400.00	EA	$1,600.00	$332.00	$1,328.00						
116	LED LUMINAIRES (100W HPS EQUIVALENT)	1	$525.00	EA	$525.00	$565.00	$565.00						
117	LED LUMINAIRES (150W HPS EQUIVALENT)	2	$650.00	EA	$1,300.00	$610.00	$1,220.00						
118	LED LUMINAIRES (200W HPS EQUIVALENT)	4	$725.00	EA	$2,900.00	$730.00	$2,920.00						
119	PEDESTRIAN PUSH BUTTON	8	$200.00	EA	$1,600.00	$183.00	$1,464.00						
120	PEDESTRIAN PUSH BUTTON PLATE	8	$40.00	EA	$320.00	$22.00	$176.00						
121	RETROREFLECTIVE STREET NAME SIGN	4	$1,100.00	EA	$4,400.00	$1,142.00	$4,568.00						
122	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	8	$650.00	EA	$5,200.00	$668.00	$5,344.00						
123	3-12" LED VEHICLE HEAD (COMPLETE)	12	$750.00	EA	$9,000.00	$722.00	$8,664.00						

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
124	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	2	$2,150.00	EA	$4,300.00	$2,048.00	$4,096.00						
125	DETAIL 22 (THERMOPLASTIC)	480	$4.00	LF	$1,920.00	$2.00	$960.00						
126	DETAIL 38 (THERMOPLASTIC)	200	$4.00	LF	$800.00	$4.00	$800.00						
127	PAVEMENT MARKINGS (THERMOPLASTIC)	135	$7.00	SF	$945.00	$10.00	$1,350.00						
128	4" STRIPING (THERMOPLASTIC)	200	$3.00	LF	$600.00	$1.50	$300.00						
129	12" STRIPING (THERMOPLASTIC)	610	$5.00	LF	$3,050.00	$4.00	$2,440.00						
130	REMOVE STRIPING	1419	$6.00	LF	$8,514.00	$2.00	$2,838.00						
131	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)	119	$7.50	SF	$892.50	$6.00	$714.00						
132	SIGN PANEL	4	$100.00	EA	$400.00	$500.00	$2,000.00						
133	FURNISH ONE-POST (ROADSIDE SIGN)	2	$100.00	EA	$200.00	$122.00	$244.00						
134	INSTALL ONE-POST (ROADSIDE SIGN)	2	$100.00	EA	$200.00	$245.00	$490.00						
135	INSTALL SIGN (STRAP AND SADDLE BRACKET)	4	$100.00	EA	$400.00	$220.00	$880.00						
136	REMOVE SIGN	8	$100.00	EA	$800.00	$75.00	$600.00						
137	REMOVE SIGN POST	4	$100.00	EA	$400.00	$75.00	$300.00						
138	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00	$7,000.00	$7,000.00						
139	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00	$665.00	$1,330.00						
140	MOBILIZATION	1	$1,000.00	LS	$1,000.00	$12,000.00	$12,000.00						
141	SCE WORK (ALLOWANCE OF $6000)	6000	$1.00	AL	$6,000.00	$1.00	$6,000.00						
142	1" CONDUIT (SCH 80 PVC)	50	$30.00	LF	$1,500.00	$74.00	$3,700.00						
143	2" CONDUIT (SCH 80 PVC)	540	$40.00	LF	$21,600.00	$45.00	$24,300.00						
144	3" CONDUIT (SCH 80 PVC)	390	$50.00	LF	$19,500.00	$50.00	$19,500.00						
145	2-PAIR DETECTOR LEAD-IN CABLE	1500	$1.50	LF	$2,250.00	$2.00	$3,000.00						
146	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	1900	$2.75	LF	$5,225.00	$6.50	$12,350.00						
147	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	250	$2.75	LF	$687.50	$9.00	$2,250.00						

Project Name: Santa Gertrudes Avenue at Silvergrove Drive and Leffingwell Road at Arroyo Drive - Traffic Signals, et al.
Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

						Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount								*$1,298,025.00*					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
148	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2400	$2.75	LF	$6,600.00	$7.50	$18,000.00						
149	WIRE #6	830	$1.80	LF	$1,494.00	$2.00	$1,660.00						
150	WIRE #10	2600	$1.10	LF	$2,860.00	$1.00	$2,600.00						
151	NO. 5 PULL BOX INCL PCC COVER	3	$620.00	EA	$1,860.00	$700.00	$2,100.00						
152	NO. 6 PULL BOX INCL PCC COVER	8	$875.00	EA	$7,000.00	$1,000.00	$8,000.00						
153	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	600	$10.50	LF	$6,300.00	$9.00	$5,400.00						
154	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	2	$500.00	EA	$1,000.00	$493.00	$986.00						
155	REMOVE TYPE 17M STANDARD (COMPLETE) (EXCL. FOUND.)	3	$600.00	EA	$1,800.00	$1,067.00	$3,201.00						
156	REMOVE PULL BOX AND RESURFACE SIDEWALK	2	$620.00	EA	$1,240.00	$1,162.00	$2,324.00						
157	REMOVE VEHICLE HEAD (COMPLETE)	4	$100.00	EA	$400.00	$247.00	$988.00						
158	REMOVE PEDESTRIAN HEAD (COMPLETE)	1	$125.00	EA	$125.00	$653.00	$653.00						
159	REMOVE PEDESTRIAN PUSH BUTTON	3	$85.00	EA	$255.00	$236.00	$708.00						
160	REMOVE TYPE 1 FOUNDATION	2	$930.00	EA	$1,860.00	$1,224.00	$2,448.00						
161	REMOVE TYPE 17 FOUNDATION	3	$1,150.00	EA	$3,450.00	$1,647.00	$4,941.00						
162	REMOVE ELECTRICAL SERVICE	1	$310.00	EA	$310.00	$2,448.00	$2,448.00						
163	RELOCATE LUMINAIRE	5	$310.00	EA	$1,550.00	$164.00	$820.00						
164	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	3	$340.00	EA	$1,020.00	$475.00	$1,425.00						
165	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00	$1,758.00	$1,758.00						
166	SWITCH PACK	1	$85.00	EA	$85.00	$63.00	$63.00						
167	2-CHANNEL ILD SENSOR UNIT	1	$150.00	EA	$150.00	$184.00	$184.00						
168	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00	$3,169.00	$3,169.00						

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Project ID: RDC0015966
Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
169	TYPE III-B SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00	$1,936.00	$1,936.00						
170	TEMPORARY TYPE 17 STANDARD	1	$2,350.00	EA	$2,350.00	$953.00	$953.00						
171	TYPE 15TS STANDARD	2	$2,250.00	EA	$4,500.00	$2,171.00	$4,342.00						
172	TYPE 26 STANDARD	3	$8,100.00	EA	$24,300.00	$8,174.00	$24,522.00						
173	TYPE 15TS STANDARD FOUNDATION	2	$2,000.00	EA	$4,000.00	$1,859.00	$3,718.00						
174	TYPE 26 STANDARD FOUNDATION	3	$4,630.00	EA	$13,890.00	$4,365.00	$13,095.00						
175	35' SIGNAL MAST ARM	2	$2,400.00	EA	$4,800.00	$2,553.00	$5,106.00						
176	40' SIGNAL MAST ARM	1	$3,000.00	EA	$3,000.00	$2,282.00	$2,282.00						
177	12' LUMINAIRE MAST ARM	5	$400.00	EA	$2,000.00	$331.00	$1,655.00						
178	8' STRAIGHT MAST ARM FOR STREET NAME SIGN	3	$2,050.00	EA	$6,150.00	$1,613.00	$4,839.00						
179	PEDESTRIAN PUSH BUTTON	6	$200.00	EA	$1,200.00	$183.00	$1,098.00						
180	PEDESTRIAN PUSH BUTTON PLATE	6	$40.00	EA	$240.00	$22.00	$132.00						
181	3-12" LED VEHICLE HEAD (COMPLETE)	10	$750.00	EA	$7,500.00	$797.00	$7,970.00						
182	5-12" LED VEHICLE HEAD (COMPLETE)	4	$1,000.00	EA	$4,000.00	$1,137.00	$4,548.00						
183	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	6	$650.00	EA	$3,900.00	$751.00	$4,506.00						
184	SIGN PANEL	6	$100.00	EA	$600.00	$185.00	$1,110.00						
185	INSTALL SIGN (STRAP AND SADDLE BRACKET)	5	$100.00	EA	$500.00	$476.00	$2,380.00						
186	INSTALL SIGN (MAST-ARM HANGER)	1	$100.00	EA	$100.00	$623.00	$623.00						
187	REMOVE SIGN	5	$100.00	EA	$500.00	$256.00	$1,280.00						
188	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00	$7,000.00	$7,000.00						
189	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00	$665.00	$1,330.00						
190	MOBILIZATION	1	$1,000.00	LS	$1,000.00	$12,000.00	$12,000.00						

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Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
191	SCE WORK (ALLOWANCE OF $6,000)	6000	$1.00	AL	$6,000.00	$1.00	$6,000.00					
192	CONCRETE REMOVAL (NON-REINFORCED)	17	$205.00	CY	$3,485.00	$719.00	$12,223.00					
193	UNCLASSIFIED EXCAVATION	22	$410.00	CY	$9,020.00	$689.00	$15,158.00					
194	CRUSHED MISCELLANEOUS BASE	16	$165.00	CY	$2,640.00	$404.00	$6,464.00					
195	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	4	$300.00	CY	$1,200.00	$611.00	$2,444.00					
196	PCC CURB & GUTTER, TYPE A2-VAR	95	$50.00	LF	$4,750.00	$72.00	$6,840.00					
197	PCC CURB RAMPS, 4" THICK	730	$10.50	SF	$7,665.00	$39.00	$28,470.00					
198	AC PAVEMENT(PATCH BACK)	9	$360.00	TON	$3,240.00	$1,527.00	$13,743.00					
199	DETECTABLE WARNING SURFACE	80	$50.00	SF	$4,000.00	$47.00	$3,760.00					
200	1" CONDUIT (SCH 80 PVC)	40	$30.00	LF	$1,200.00	$110.00	$4,400.00					
201	2" CONDUIT (SCH 80 PVC)	650	$40.00	LF	$26,000.00	$45.00	$29,250.00					
202	3" CONDUIT (SCH 80 PVC)	360	$50.00	LF	$18,000.00	$50.00	$18,000.00					
203	2-PAIR DETECTOR LEAD-IN CABLE	2200	$1.50	LF	$3,300.00	$2.00	$4,400.00					
204	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	990	$2.75	LF	$2,722.50	$7.00	$6,930.00					
205	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	270	$2.75	LF	$742.50	$10.00	$2,700.00					
206	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1025	$2.75	LF	$2,818.75	$8.00	$8,200.00					
207	WIRE #6	324	$1.80	LF	$583.20	$3.50	$1,134.00					
208	WIRE #10	2000	$1.10	LF	$2,200.00	$1.00	$2,000.00					
209	NO. 5 PULL BOX INCL PCC COVER	3	$620.00	EA	$1,860.00	$700.00	$2,100.00					
210	NO. 6 PULL BOX INCL PCC COVER	7	$875.00	EA	$6,125.00	$1,000.00	$7,000.00					
211	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	790	$10.50	LF	$8,295.00	$8.50	$6,715.00					

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Bids Opened: 11/28/2017 **Addenda: 1**
Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

						Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount								*$1,298,025.00*					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
212	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	$11,300.00	LS	$11,300.00	$13,519.00	$13,519.00						
213	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	1	$500.00	EA	$500.00	$763.00	$763.00						
214	REMOVE TYPE 15TS STANDARD (COMPLETE) (EXCL. FOUND.)	1	$600.00	EA	$600.00	$874.00	$874.00						
215	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	2	$850.00	EA	$1,700.00	$1,157.00	$2,314.00						
216	REMOVE TYPE 1 FOUNDATION	1	$930.00	EA	$930.00	$2,008.00	$2,008.00						
217	REMOVE TYPE 15TS FOUNDATION	1	$930.00	EA	$930.00	$2,548.00	$2,548.00						
218	REMOVE TYPE 26 FOUNDATION	2	$1,150.00	EA	$2,300.00	$2,080.00	$4,160.00						
219	REMOVE CONTROLLER CABINET COMPLETE	1	$450.00	EA	$450.00	$2,109.00	$2,109.00						
220	REMOVE CONTROLLER CABINET FOUNDATION	1	$625.00	EA	$625.00	$2,990.00	$2,990.00						
221	REMOVE SERVICE CABINET (COMPLETE)	1	$210.00	EA	$210.00	$1,632.00	$1,632.00						
222	REMOVE SERVICE CABINET FOUNDATION	1	$310.00	EA	$310.00	$2,448.00	$2,448.00						
223	REMOVE PULL BOX AND RESURFACE SIDEWALK	3	$620.00	EA	$1,860.00	$1,071.00	$3,213.00						
224	REMOVE PEDESTRIAN HEAD (COMPLETE)	3	$125.00	EA	$375.00	$292.00	$876.00						
225	REMOVE PEDESTRIAN PUSH BUTTON	3	$85.00	EA	$255.00	$236.00	$708.00						
226	RELOCATE VEHICLE HEAD (COMPLETE)	2	$260.00	EA	$520.00	$548.00	$1,096.00						
227	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	2	$340.00	EA	$680.00	$1,723.00	$3,446.00						
228	RELOCATE WIRELESS RADIO EQUIPMENT AND ANTENNA	1	$710.00	EA	$710.00	$2,448.00	$2,448.00						

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Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
229	TYPE 170 ATC/HC-11 CONTROLLER	1	$2,450.00	EA	$2,450.00	$2,173.00	$2,173.00						
230	GPS UTB UNIT AND ANTENNA	1	$1,600.00	EA	$1,600.00	$1,279.00	$1,279.00						
231	SWITCH PACK	11	$85.00	EA	$935.00	$36.00	$396.00						
232	PED ISOLATION MODULE	2	$100.00	EA	$200.00	$62.00	$124.00						
233	2-CHANNEL ILD SENSOR UNIT	8	$150.00	EA	$1,200.00	$98.00	$784.00						
234	TYPE 332 CABINET	1	$10,000.00	EA	$10,000.00	$10,691.00	$10,691.00						
235	TYPE 332 CABINET FOUNDATION	1	$1,400.00	EA	$1,400.00	$2,477.00	$2,477.00						
236	TYPE III-BF SERVICE CABINET	1	$3,120.00	EA	$3,120.00	$3,169.00	$3,169.00						
237	TYPE III-BF SERVICE CABINET FOUNDATION	1	$1,000.00	EA	$1,000.00	$2,477.00	$2,477.00						
238	TEMPORARY CONTROLLER CABINET	1	$2,050.00	EA	$2,050.00	$1,278.00	$1,278.00						
239	TEMPORARY SERVICE CABINET	1	$1,025.00	EA	$1,025.00	$1,645.00	$1,645.00						
240	TEMPORARY TYPE 15TS STANDARD	1	$2,100.00	EA	$2,100.00	$953.00	$953.00						
241	TYPE 15 STANDARD	2	$2,250.00	EA	$4,500.00	$2,441.00	$4,882.00						
242	TYPE 26 STANDARD	2	$8,100.00	EA	$16,200.00	$7,500.00	$15,000.00						
243	TYPE 15 STANDARD FOUNDATION	2	$2,000.00	EA	$4,000.00	$2,130.00	$4,260.00						
244	TYPE 26 STANDARD FOUNDATION	2	$4,630.00	EA	$9,260.00	$4,730.00	$9,460.00						
245	45' SIGNAL MAST ARM	2	$3,150.00	EA	$6,300.00	$2,938.00	$5,876.00						
246	12' LUMINAIRE MAST ARM	4	$400.00	EA	$1,600.00	$468.00	$1,872.00						
247	LED LUMINAIRES (150W HPS EQUIVALENT)	1	$650.00	EA	$650.00	$1,152.00	$1,152.00						
248	LED LUMINAIRES (250W HPS EQUIVALENT)	4	$800.00	EA	$3,200.00	$1,020.00	$4,080.00						
249	PEDESTRIAN PUSH BUTTON	8	$200.00	EA	$1,600.00	$183.00	$1,464.00						
250	PEDESTRIAN PUSH BUTTON PLATE	8	$40.00	EA	$320.00	$90.00	$720.00						
251	RETROREFLECTIVE STREET NAME SIGN	2	$1,100.00	EA	$2,200.00	$1,588.00	$3,176.00						

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Office Engineer: Fred Kheradvar 626-458-3199 **Duration: 80 Working Day(s)**

					Engineer's Estimate		(5) Comet Electric, Inc.					
(1) Preliminary Bid Amount							*$1,298,025.00*					
(2) Unit Price Detail												
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
252	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	4	$2,150.00	EA	$8,600.00	$2,183.00	$8,732.00						
253	RELOCATE SIGN (MAST-ARM HANGER)	2	$150.00	EA	$300.00	$2,536.00	$5,072.00						
254	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	8	$650.00	EA	$5,200.00	$700.00	$5,600.00						
255	3-12" LED VEHICLE HEAD (COMPLETE)	9	$750.00	EA	$6,750.00	$222.00	$1,998.00						
256	REMOVE STRIPING	550	$6.00	LF	$3,300.00	$3.00	$1,650.00						
257	12" STRIPING (THERMOPLASTIC)	115	$5.00	LF	$575.00	$5.00	$575.00						
258	CONTINENTAL CROSSWALK (THERMOPLASTIC)	230	$15.00	LF	$3,450.00	$5.00	$1,150.00						
259	TRAFFIC CONTROL	1	$10,000.00	LS	$10,000.00	$7,000.50	$7,000.50						
260	FLASHING ARROW SIGN	2	$1,250.00	EA	$2,500.00	$665.00	$1,330.00						
Unit Price Total					$972,584.95		$1,298,089.00						
(3) Local Small Business Enterprise (LSBE) Preference Amount							$0.00						
(4) LSBE Adjusted Amount							$1,298,089.00						
Comments													