

LADOT ESTIMATE

City of Los Angeles - Department of Transportation

TRANSIT PRIORITY SYSTEM / AUTOMATED TRAFFIC SURVEILLANCE AND CONTROL (TPS/ATSAC) INSTALLATION OF FIGUEROA STREET TRANSIT PRIORITY SYSTEM (Re-bid)



W.O. E1907371

Federal Project No. CML-5006(637)

DETAILED RESULTS				LADOT'S ESTIMATE		KDC, Inc. dba Dynalectric		Sully-Miller Contracting Company		J. Fletcher Creamer & Son, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	PREPARE/EXCAVATE JACKPIT & SIDEWALK RESTORATION	EA	17	\$ 1,200.00	\$ 20,400.00	\$ 671.00	\$ 11,407.00	\$ 555.00	\$ 9,435.00	\$ 572.00	\$ 9,724.00
2	JACK 2" GALVANIZED CONDUIT UNDER SIDEWALK	LF	282	\$ 25.00	\$ 7,050.00	\$ 65.00	\$ 18,330.00	\$ 30.75	\$ 8,671.50	\$ 46.00	\$ 12,972.00
3	JACK 3" GALVANIZED CONDUIT UNDER SIDEWALK	LF	2,601	\$ 40.00	\$ 104,040.00	\$ 44.00	\$ 114,444.00	\$ 39.90	\$ 103,779.90	\$ 36.00	\$ 93,636.00
4	JACK 3" GALVANIZED CONDUIT UNDER CROSSING	LF	390	\$ 45.00	\$ 17,550.00	\$ 66.00	\$ 25,740.00	\$ 48.25	\$ 18,817.50	\$ 56.00	\$ 21,840.00
5	INSTALL PB-2 W/O SWEEPS	EA	7	\$ 500.00	\$ 3,500.00	\$ 513.00	\$ 3,591.00	\$ 773.00	\$ 5,411.00	\$1,057.00	\$ 7,399.00
6	INSTALL PB-3 W/O SWEEPS	EA	49	\$ 600.00	\$ 29,400.00	\$ 528.00	\$ 25,872.00	\$ 997.00	\$ 48,853.00	\$1,145.00	\$ 56,105.00
7	JOIN AND EXTEND CONDUIT W/PB3; PULL AND RECONNECT I/C CABLE	EA	1	\$2,000.00	\$ 2,000.00	\$1,278.00	\$ 1,278.00	\$1,383.00	\$ 1,383.00	\$3,760.00	\$ 3,760.00
8	INSTALL SPECIAL COVER FOR PB-3 PER S-78.8 (TERRAZZO SIDEWALK)	EA	2	\$1,600.00	\$ 3,200.00	\$ 219.00	\$ 438.00	\$1,129.00	\$ 2,258.00	\$ 650.00	\$ 1,300.00
9	INSTALL ATSAC 2070 CONTROLLER/CABINET (W/WIRE)	EA	13	\$ 1,250.00	\$ 16,250.00	\$1,775.00	\$ 23,075.00	\$1,638.00	\$ 21,294.00	\$1,525.00	\$ 19,825.00
10	INSTALL FUSEHOLDER AND FUSE (60 AMPS)	EA	9	\$ 100.00	\$ 900.00	\$ 704.00	\$ 6,336.00	\$ 96.70	\$ 870.30	\$ 163.00	\$ 1,467.00
11	INSTALL TEMPORARY CONTROLLER	EA	1	\$ 500.00	\$ 500.00	\$1,849.00	\$ 1,849.00	\$1,156.00	\$ 1,156.00	\$ 800.00	\$ 800.00
12	REWIRE EXISTING LOOPS TO CONTROLLER (NUMBERS REASSIGNED)	EA	1	\$ 150.00	\$ 150.00	\$1,239.00	\$ 1,239.00	\$ 332.00	\$ 332.00	\$ 407.00	\$ 407.00
13	INSTALL DETECTOR LOOP W/HOME RUN (6' DIA)	EA	3	\$ 450.00	\$ 1,350.00	\$ 404.00	\$ 1,212.00	\$ 386.00	\$ 1,158.00	\$ 461.00	\$ 1,383.00
14	INSTALL BUS DETECTOR LOOP W/HOME RUN (HALF)	EA	1	\$1,765.00	\$ 1,765.00	\$1,213.00	\$ 1,213.00	\$1,989.00	\$ 1,989.00	\$2,370.00	\$ 2,370.00
15	INSTALL BUS DETECTOR LOOP W/HOME RUN (FULL)	EA	22	\$2,780.00	\$ 61,160.00	\$1,171.00	\$ 25,762.00	\$1,989.00	\$ 43,758.00	\$2,370.00	\$ 52,140.00
16	INSTALL 1-PR BUS DETECTOR LEAD-IN CABLE (DLC)	LF	4,615	\$ 1.40	\$ 6,461.00	\$ 1.20	\$ 5,538.00	\$ 0.75	\$ 3,461.25	\$ 2.00	\$ 9,230.00
17	INSTALL 2-PR DETECTOR LEAD-IN CABLE (DLC)	LF	4,415	\$ 1.40	\$ 6,181.00	\$ 1.00	\$ 4,415.00	\$ 1.05	\$ 4,635.75	\$ 2.10	\$ 9,271.50
18	INSTALL 3-PR DETECTOR LEAD-IN CABLE (DLC)	LF	905	\$ 1.50	\$ 1,358.00	\$ 1.40	\$ 1,267.00	\$ 1.20	\$ 1,086.00	\$ 2.30	\$ 2,081.50
19	INSTALL 4-PR DETECTOR LEAD-IN CABLE (DLC)	LF	830	\$ 1.80	\$ 1,494.00	\$ 1.50	\$ 1,245.00	\$ 1.50	\$ 1,245.00	\$ 2.60	\$ 2,158.00
20	INSTALL DETECTOR LOOP STUB OUT PER S-70.1A	EA	8	\$ 700.00	\$ 5,600.00	\$ 224.00	\$ 1,792.00	\$ 461.00	\$ 3,688.00	\$ 400.00	\$ 3,200.00
21	BORE 2" PVC CONDUIT FROM PULLBOX TO STUB OUT (INCLUDING STUB OUT, RESTORATION)	EA	10	\$ 900.00	\$ 9,000.00	\$ 222.00	\$ 2,220.00	\$ 692.00	\$ 6,920.00	\$1,200.00	\$ 12,000.00
22	INSTALL 3 CONDUCTOR CABLE (3X#14)	LF	20	\$ 1.10	\$ 22.00	\$ 5.00	\$ 100.00	\$ 1.10	\$ 22.00	\$ 2.85	\$ 57.00

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
23	INSTALL 5 CONDUCTOR CABLE (5x #14)	LF	2,387	\$ 1.35	\$ 3,223.00	\$ 1.50	\$ 3,580.50	\$ 1.55	\$ 3,699.85	\$ 3.00	\$ 7,161.00
24	INSTALL 9 CONDUCTOR CABLE (8x #14;1x #10)	LF	125	\$ 1.60	\$ 200.00	\$ 3.00	\$ 375.00	\$ 2.50	\$ 312.50	\$ 4.00	\$ 500.00
25	INSTALL 13 CONDUCTOR CABLE (12x #14;1x #10)	LF	590	\$ 1.80	\$ 1,062.00	\$ 3.20	\$ 1,888.00	\$ 3.40	\$ 2,006.00	\$ 5.00	\$ 2,950.00
26	INSTALL 28 CONDUCTOR CABLE (27x #14;1x #10)	LF	1,295	\$ 3.75	\$ 4,857.00	\$ 7.00	\$ 9,065.00	\$ 6.40	\$ 8,288.00	\$ 8.00	\$ 10,360.00
27	INSTALL NO. 6 SERVICE WIRE (2 WIRES)	LF	1,290	\$ 2.00	\$ 2,580.00	\$ 3.00	\$ 3,870.00	\$ 2.75	\$ 3,547.50	\$ 3.40	\$ 4,386.00
28	INSTALL NO. 8 GROUND WIRE	LF	1,290	\$ 1.00	\$ 1,290.00	\$ 1.30	\$ 1,677.00	\$ 1.00	\$ 1,290.00	\$ 1.50	\$ 1,935.00
29	INSTALL 12-PR INTERCONNECT CABLE (INCLUDING REMOVAL)	LF	2,575	\$ 3.00	\$ 7,725.00	\$ 2.72	\$ 7,004.00	\$ 2.90	\$ 7,467.50	\$ 2.80	\$ 7,210.00
30	INSTALL 25-PR INTERCONNECT CABLE (INCLUDING REMOVAL)	LF	9,680	\$ 3.85	\$ 37,268.00	\$ 3.90	\$ 37,752.00	\$ 4.05	\$ 39,204.00	\$ 3.60	\$ 34,848.00
31	INSTALL ACCESIBLE PEDESTRIAN SIGNAL (APS) TYPE PUSH BUTTON PER S-73.2	EA	30	\$ 1,000.00	\$ 30,000.00	\$ 1,151.00	\$ 34,530.00	\$ 1,247.00	\$ 37,410.00	\$ 1,650.00	\$ 49,500.00
32	INSTALL 3 SECTION 12"(R,Y,G) VEHICLE HEAD, ONE WAY	EA	20	\$ 750.00	\$ 15,000.00	\$ 569.35	\$ 11,387.00	\$ 761.00	\$ 15,220.00	\$ 1,050.00	\$ 21,000.00
33	INSTALL 3 SECTION 12"(R,Y,G) VEHICLE HEAD, MAS ARM MOUNT	EA	2	\$ 650.00	\$ 1,300.00	\$ 521.00	\$ 1,042.00	\$ 652.00	\$ 1,304.00	\$ 1,000.00	\$ 2,000.00
34	INSTALL 3 SECTION 12"(R,Y,GA) VEHICLE HEAD, ONE WAY	EA	2	\$ 800.00	\$ 1,600.00	\$ 582.00	\$ 1,164.00	\$ 736.00	\$ 1,472.00	\$ 1,000.00	\$ 2,000.00
35	INSTALL 3 SECTION 12"(R,YA,GA) VEHICLE HEAD, ONE WAY	EA	1	\$ 800.00	\$ 800.00	\$ 603.00	\$ 603.00	\$ 717.00	\$ 717.00	\$ 1,000.00	\$ 1,000.00
36	INSTALL 3 SECTION 12" (R, YA, GA) VEHICLE HEAD, PROGRAMMED VISIBILITY, ONE WAY	EA	1	\$ 2,138.00	\$ 2,138.00	\$ 2,048.00	\$ 2,048.00	\$ 2,434.00	\$ 2,434.00	\$ 2,770.00	\$ 2,770.00
37	INSTALL 4 SECTION 12" (R, Y, GA, GA) VEHICLE HEAD, ONE WAY	EA	1	\$ 900.00	\$ 900.00	\$ 764.00	\$ 764.00	\$ 859.00	\$ 859.00	\$ 1,200.00	\$ 1,200.00
38	INSTALL 4 SECTION 12" (R, Y, GA, GA) VEHICLE HEAD, MAST ARM MOUNT	EA	2	\$ 975.00	\$ 1,950.00	\$ 615.00	\$ 1,230.00	\$ 726.00	\$ 1,452.00	\$ 1,100.00	\$ 2,200.00
39	INSTALL 5 SECTION 12" (R,Y, GA, WB,WB) VEHICLE HEAD, ONE WAY	EA	2	\$ 1,250.00	\$ 2,500.00	\$ 812.00	\$ 1,624.00	\$ 950.00	\$ 1,900.00	\$ 1,400.00	\$ 2,800.00
40	INSTALL BEVELLED VISOR FOR 12" LENS	EA	4	\$ 125.00	\$ 500.00	\$ 136.00	\$ 544.00	\$ 73.00	\$ 292.00	\$ 60.00	\$ 240.00
41	PROGRAM EXISTING PROGRAMMED VISIBLTY HEAD FOR NEW CUT-OFF	EA	1	\$ 100.00	\$ 100.00	\$ 170.00	\$ 170.00	\$ 248.00	\$ 248.00	\$ 135.00	\$ 135.00
42	INSTALL PEDESTRIAN HEAD - ONE WAY	EA	3	\$ 960.00	\$ 2,880.00	\$ 456.00	\$ 1,368.00	\$ 658.00	\$ 1,974.00	\$ 800.00	\$ 2,400.00
43	INSTALL PEDESTRIAN HEAD - TWO WAY	EA	1	\$ 1,750.00	\$ 1,750.00	\$ 935.00	\$ 935.00	\$ 1,192.00	\$ 1,192.00	\$ 1,200.00	\$ 1,200.00
44	INSTALL TYPE 1, 1A OR 9	EA	4	\$ 1,020.00	\$ 4,080.00	\$ 664.00	\$ 2,656.00	\$ 525.00	\$ 2,100.00	\$ 1,050.00	\$ 4,200.00
45	INSTALL F-1 FOUNDATION	EA	3	\$ 400.00	\$ 1,200.00	\$ 323.00	\$ 969.00	\$ 1,329.00	\$ 3,987.00	\$ 1,100.00	\$ 3,300.00

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46	INSTALL F-332 FOUNDATION	EA	4	\$ 800.00	\$ 3,200.00	\$ 757.00	\$ 3,028.00	\$1,877.00	\$ 7,508.00	\$1,500.00	\$ 6,000.00
47	REMOVE EXISTING CABLE IN CONDUIT (LABOR ONLY)	LF	4,640	\$ 0.40	\$ 1,856.00	\$ 0.30	\$ 1,392.00	\$ 0.55	\$ 2,552.00	\$ 1.35	\$ 6,264.00
48	REMOVE PED PUSH BUTTON	EA	30	\$ 20.00	\$ 600.00	\$ 37.00	\$ 1,110.00	\$ 45.00	\$ 1,350.00	\$ 26.00	\$ 780.00
49	REMOVE TRAFFIC SIGNAL HEAD PER HEAD	EA	29	\$ 90.00	\$ 2,610.00	\$ 47.00	\$ 1,363.00	\$ 124.00	\$ 3,596.00	\$ 80.00	\$ 2,320.00
50	REMOVE PED HEAD	EA	5	\$ 90.00	\$ 450.00	\$ 61.00	\$ 305.00	\$ 90.00	\$ 450.00	\$ 70.00	\$ 350.00
51	REMOVE EXISTING CONTROLLER/CABINET (W/WIRE)	EA	13	\$ 220.00	\$ 2,860.00	\$ 672.00	\$ 8,736.00	\$ 385.00	\$ 5,005.00	\$ 135.00	\$ 1,755.00
52	REMOVR TYPE 1 (EXCLUDING HEADS)	EA	1	\$ 100.00	\$ 100.00	\$ 170.00	\$ 170.00	\$ 90.00	\$ 90.00	\$ 67.00	\$ 67.00
53	REMOVE TYPE 8 (EXCLUDING PUSH BUTTON/CABINET)	EA	1	\$ 100.00	\$ 100.00	\$ 192.00	\$ 192.00	\$ 90.00	\$ 90.00	\$ 67.00	\$ 67.00
54	REMOVE F-1, F-8 FOUNDATION	EA	1	\$ 235.00	\$ 235.00	\$ 704.00	\$ 704.00	\$ 881.00	\$ 881.00	\$ 500.00	\$ 500.00
55	REMOVE F-332 FOUNDATION	EA	3	\$ 385.00	\$ 1,155.00	\$ 443.00	\$ 1,329.00	\$ 881.00	\$ 2,643.00	\$ 500.00	\$ 1,500.00
56	STRIPING MARKOUT	LF	440	\$ 0.15	\$ 66.00	\$ 3.00	\$ 1,320.00	\$ 2.85	\$ 1,254.00	\$ 1.35	\$ 594.00
57	INSTALL DOUBLE YELLOW CENTERLINE (DETAIL 21), THERMOPLASTIC	LF	80	\$ 0.80	\$ 64.00	\$ 12.00	\$ 960.00	\$ 11.40	\$ 912.00	\$ 10.00	\$ 800.00
58	INSTALL CAT TRACKS (DETAIL 40). THERMOPLASTIC	LF	180	\$ 0.50	\$ 90.00	\$ 6.00	\$ 1,080.00	\$ 5.70	\$ 1,026.00	\$ 6.75	\$ 1,215.00
59	INSTALL DOUBLE YELLOW CENTERLINE CAT TRACKS (DETAIL 41), THERMOPLASTIC	LF	180	\$ 1.00	\$ 180.00	\$ 6.00	\$ 1,080.00	\$ 5.70	\$ 1,026.00	\$ 9.40	\$ 1,692.00
60	INSTALL TRANSIT PRIORITY SENSOR UNIT IN 2070 CONTROLLER	EA	19	\$ 800.00	\$ 15,200.00	\$1,039.00	\$ 19,741.00	\$1,122.00	\$ 21,318.00	\$1,360.00	\$ 25,840.00
61	INSTALL C2 COMMUNICATION PANEL IN 332 CABINET	EA	8	\$ 150.00	\$ 1,200.00	\$ 381.00	\$ 3,048.00	\$ 335.00	\$ 2,680.00	\$ 680.00	\$ 5,440.00
62	INSTALL R3-1 SIGN	EA	1	\$ 300.00	\$ 300.00	\$ 383.00	\$ 383.00	\$ 208.45	\$ 208.45	\$ 280.00	\$ 280.00
63	INSTALL R3-2 SIGN	EA	2	\$ 300.00	\$ 600.00	\$ 343.00	\$ 686.00	\$ 208.00	\$ 416.00	\$ 280.00	\$ 560.00
64	INSTALL R3-3 SIGN	EA	2	\$ 300.00	\$ 600.00	\$ 343.00	\$ 686.00	\$ 208.00	\$ 416.00	\$ 280.00	\$ 560.00
65	INSTALL R3-4 SIGN	EA	6	\$ 300.00	\$ 1,800.00	\$ 316.00	\$ 1,896.00	\$ 208.00	\$ 1,248.00	\$ 280.00	\$ 1,680.00
66	REMOVE SIGN	EA	2	\$ 100.00	\$ 200.00	\$ 40.00	\$ 80.00	\$ 248.00	\$ 496.00	\$ 80.00	\$ 160.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$ 457,700.00		\$ 453,897.50		\$ 483,766.00		\$ 546,845.00
						{ Low }	-0.83%	{ High }	5.69%	{ High }	19.48%