

City of Albany
 Community Development Department

Buchanan/Jackson Traffic Signal and Intersection Safety Improvements
 AECOM Project: 60051218

Construction Cost Estimate - 12/03/2010 100%

Bid Item	Caltrans Item Code	Item Description	Unit	Quantity	Unit Price	Total Amount
1	999990	Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00
2	074020	SWPPP & Water Pollution Control	LS	1	\$ 10,000.00	\$ 10,000.00
3	120090	Construction Area Signs	LS	1	\$ 5,000.00	\$ 5,000.00
4	120100	Traffic Control System	LS	1	\$ 10,000.00	\$ 10,000.00
5	150769	Remove (E) Asphalt Concrete	SF	2400	\$ 2.50	\$ 6,000.00
6	153239	Remove (E) Portland Cement Concrete	SF	1200	\$ 9.00	\$ 10,800.00
7	861349	Remove & Salvage Existing Traffic Signal System	LS	1	\$ 3,500.00	\$ 3,500.00
8	152469	Adjust Utility Appurtenance to Grade	EA	2	\$ 500.00	\$ 1,000.00
9	190101	Roadway Excavation	CY	15	\$ 75.00	\$ 1,125.00
10	390102	Asphalt Concrete - Full Depth Patch	SF	900	\$ 20.00	\$ 18,000.00
11	390102	Asphalt Concrete - 6" Depth Patch	SF	600	\$ 15.00	\$ 9,000.00
12	731504	Minor Concrete (Curb and Gutter)	LF	240	\$ 25.00	\$ 6,000.00
13	731623	Install Handicap Ramps	EA	6	\$ 2,000.00	\$ 12,000.00
14	260201	Aggregate Base - Class 2	CY	45	\$ 60.00	\$ 2,700.00
15	510501	Minor Concrete (Sidewalk)	SF	1200	\$ 8.00	\$ 9,600.00
16	833077	Install Pedestrian Barricade w/ Sign	EA	2	\$ 750.00	\$ 1,500.00
17	750030	Install Drainage Inlet Frame and Grate	EA	2	\$ 700.00	\$ 1,400.00
18	597401	Paint Curb Red "No Parking"	LF	376	\$ 0.60	\$ 225.60
19	150710	Remove Traffic Stripe	LF	877	\$ 2.00	\$ 1,754.00
20	150712	Remove Existing Crosswalk	SF	1037	\$ 3.00	\$ 3,111.00
21	840515	Thermoplastic Pavement Marking	SF	549	\$ 6.00	\$ 3,294.00
22	840561	4" (100mm) Thermoplastic Traffic Stripe	LF	996	\$ 1.50	\$ 1,494.00
23	840506	8" (200mm) Thermoplastic Traffic Stripe	LF	80	\$ 2.50	\$ 200.00
24	151540	Reconstruct Chain Link Fence	LF	70	\$ 75.00	\$ 5,250.00
25	860503	Install Solar Speed Feedback Sign	EA	2	\$ 10,000.00	\$ 20,000.00
26	860201	Traffic Signal Installation @ Buchanan/Jackson	LS	1	\$ 112,100.00	\$ 112,100.00

Subtotal \$ 275,053.60

10% Contingency \$ 27,600.00

Total \$ 302,653.60

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Traffic Signal Equipment Estimate - 12/03/2010 - 100%

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Type 1-B Foundation	3	EACH	\$800.00	\$2,400.00
Type 1-B Pole	3	EACH	\$1,000.00	\$3,000.00
Type 15 Foundation	2	EACH	\$1,000.00	\$2,000.00
Standard Pole Foundation (914mm)	4	EACH	\$2,400.00	\$9,600.00
Pole Type 15	2	EACH	\$2,500.00	\$5,000.00
Pole Type 19-4-100 w/ 30' mast-arm	1	EACH	\$7,000.00	\$7,000.00
Pole Type 23-4-100 w/ 35' mast-arm	1	EACH	\$6,000.00	\$6,000.00
Pole Type 27-4-100 w/ 40' mast-arm	1	EACH	\$6,000.00	\$6,000.00
Pedestrian Signal, LED w/ Countdown	6	EACH	\$350.00	\$2,100.00
Ped Push Buttons w/ signs	6	EACH	\$250.00	\$1,500.00
Vehicular Signal, 12" 3-Section LED Signal Head	20	EACH	\$550.00	\$11,000.00
Signal Mounting - TV-1-T	1	EACH	\$185.00	\$185.00
Signal Mounting - TV-2-T	3	EACH	\$275.00	\$825.00
Signal Mounting - SV-1-T	3	EACH	\$200.00	\$600.00
Signal Mounting - SV-2-T	1	EACH	\$300.00	\$300.00
Signal Mounting - SP-1-T	6	EACH	\$200.00	\$1,200.00
Emergency Vehicle Preemption Receivers & Unit Complete	1	EACH	\$4,000.00	\$4,000.00
Street Name Sign	4	EACH	\$250.00	\$1,000.00
R3-4 Sign Mounted on Mast Arm	4	EACH	\$300.00	\$1,200.00
Conduit 2" PVC	20	LF	\$3.50	\$70.00
Conduit 3" PVC	170	LF	\$3.80	\$646.00
Conduit 4" PVC	80	LF	\$4.80	\$384.00
#14 Conductor Wire	8420	LF	\$1.50	\$12,630.00
#10 Conductor Wire	2280	LF	\$1.75	\$3,990.00
#8 Conductor Wire	380	LF	\$1.60	\$608.00
Video Detection Camera System Complete w/ Software	1	EACH	\$8,000.00	\$8,000.00
Video Detection Cable	1600	LF	\$2.00	\$3,200.00
Emergency Vehicle Preemption System Wire	570	LF	\$1.95	\$1,111.50
Type 5 Traffic Signal Pull Box	10	EACH	\$175.00	\$1,750.00
Type 6 Traffic Signal Pull Box	1	EACH	\$300.00	\$300.00
Furnish & Install Type III-AF Svc. Equip. w/foundation	1	EACH	\$2,500.00	\$2,500.00
Furnish & Install Model 2070 Controller w/ Cabinet & Foundation/Pad	1	EACH	\$8,000.00	\$8,000.00
Configure Cabinet & Controller	1	EACH	\$4,000.00	\$4,000.00
Total				\$112,099.50