BID NO. 7490

DOWNTOWN AND ADJOINING AREAS BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT

Engineer's Estimate

Plan Nos.: R-4367, R-4405, R-4415, X-107E, X-111C, X-120D, X-121D, X-532B, X-549, X-550, XL-744, XL-760, EXHIBIT-1, BC

Amount rounded to Nearest: $.01

No.	CONTRACT BID ITEMS	Quantity	Unit	Unit Price	Total
	INCIDENTAL ITEMS				
1	**Note:** All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents. (Input "0" in this line item)	.....	.....	.....	.....
2	**Note:** The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item. (Input "0" in this line item)	.....	.....	.....	.....
3	**Note**: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions. (Input "0" in this line item)	.....	.....	.....	.....
4	**Note: "(F)"** adjacent to a Contract bid item designates a Final Pay Quantity per Section 9-3.2.1 of the Special Provisions. (Input "0" in this line item)	.....	.....	.....	.....
5	**Note: "(S)"** adjacent to a Contract bid item designates a "Specialty Item" per Section 2-3.2 of the Special Provisions. (Input "0" in this line item)	.....	.....	.....	.....
6	**Note: "(P)"** adjacent to a Contract bid item designates a "Partial Pay Item" per Section 9-3.2 of the Special Provisions. (Input "0" in this line item)	.....	.....	.....	.....
7	**Mobilization (P)**	1	LS	$40,000.00	$40,000.00
8	**Traffic Control and Access**	1	LS	$30,000.00	$30,000.00
9	**Water Pollution Control**	1	LS	$20,000.00	$20,000.00
	Sub-Total: Incidental Items				**$90,000.00**
	CLASS II BIKE LANES (XL-744)				
10	**Roadside Sign - One Post**	35	EA	$250.00	$8,750.00
11	**Detail 9 (Thermo) - (4" Dashed White w/ RPM's)**	620	LF	$0.50	$310.00
12	**Detail 22 (Thermo) - (4" Double Solid Yellow w/ RPM's)**	200	LF	$1.50	$300.00
13	**Detail 27B (Thermo) - (4" Solid White, RT Edge Line)**	180	LF	$1.00	$180.00
14	**Detail 32 (Thermo) - (4" Double Solid & 4" Double Dashed Yellow)**	145	LF	$3.00	$435.00
15	**Detail 38 (Thermo) - (8" White Solid w/ RPM's)**	200	LF	$2.00	$400.00
16	**Detail 39 (Thermo) - (6" White Solid)**	25,656	LF	$1.50	$38,484.00
17	**Detail 39A (Thermo) - (6" Dashed White)**	7,785	LF	$1.00	$7,785.00
18	**4" Solid White Stripe (Thermo)**	50	LF	$1.00	$50.00
19	**Pavement Markings (Thermoplastic)**	1,672	LF	$3.75	$6,270.00
20	**Removals Striping**	1,170	SF	$1.75	$2,047.50
21	**Removals Pavement Marking**	44	SF	$10.00	$440.00
	Sub-Total: Class II Bike Lane Project				**$65,451.50**
	TEQUESQUITE AVE AT SAN ANDREAS AVE (R-4405)				
22	**Unclassified Excavation, (F)** (Includes the removal of existing AC (excluding Cold Mill area), sidewalk, curb/gutter and base material down to native.)	200	CY	$50.00	$10,000.00
23	**Unclassified Fill, (F)** (Includes importing soil and grading to install proposed irrigation, decomposed granite, tree wells, curb/gutter and sidewalk.)	175	CY	$30.00	$5,250.00
24	**Asphalt Pavement (DGAC)**	50	Ton	$80.00	$4,000.00
25	**Crack Fill/Repair Per Linear Foot of Street Centerline**	130	LF	$1.50	$195.00
26	**Cold-Milling Type CM2, 0.12' Min. Depth**	5,000	SF	$0.30	$1,500.00
27	**Adjust Water Valve Frame and Cover to Grade**	1	EA	$500.00	$500.00
28	**Construct Curb & Gutter - Std. 200 (6" C.F.)**	250	LF	$48.00	$12,000.00
29	**Construct PCC Cross Gutter & Spandrel - Std. 220**	275	SF	$20.00	$5,500.00
30	**Construct PCC Wheelchair Ramp per City Std. 304**	1	EA	$3,500.00	$3,500.00
31	**Construct Concrete Sidewalk per City Std. 325** (Includes parkway slope grading in conformance with the plans and the Standard 325.)	2,700	SF	$10.00	$27,000.00
32	**Construct Concrete Parkway Drain - per City Std. 410** (Includes the partial removal of the existing parkway drain to intercept and proper connection of the proposed drain.)	1	EA	$3,500.00	$3,500.00
33	**Install 24" Box Tree, "Celtis Sinensis"**	1	EA	$300.00	$300.00
34	**Design, Furnish and Install/Modify Irrigation System**	1	LS	$300.00	$300.00
35	**Furnish and Install Tree Well Divider and Wood Mulch** (see plans for tree well divider specification)	1	LS	$700.00	$700.00
36	**Decomposed Granite, 4" Min. Depth**	70	CY	$35.00	$2,450.00
37	**Street Name Sign**	1	EA	$500.00	$500.00
38	**Roadside Sign - One Post**	1	EA	$250.00	$250.00

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No.	CONTRACT BID ITEMS	Quantity	Unit	Unit Price	Total
39	**Remove Sign**	2	EA	$55.00	$110.00
40	**Detail 22 (Thermo) - (4" Double Solid Yellow w/ RPM's)**	130	LF	$1.50	$195.00
41	**12" Solid Stripe White (Thermo)**	240	SF	$3.00	$720.00
42	**Pavement Legends / Markings (Thermo)**	22	SF	$3.75	$82.50
	Sub-Total: Tequesquite Ave at San Andreas Ave Project				**$78,552.50**
	PALM AVENUE SIDEWALK IMPROVEMENTS (R-4367)				
43	**Clearing and Grubbing** (Includes removal of shrubs, hedges, landscape borders, and trees less than or equal to 6" in diameter as indicated in the Special Provisions.)	1	LS	$5,000.00	$5,000.00
44	**Remove Existing Hardscape** (Includes removal of existing concrete, gravel, and bricks within the proposed sidewalk area. Also includes relocation of hardscape onto private property when requested by resident.)	2,500	SF	$4.00	$10,000.00
45	**Cold Milling - Type CM2 (0.12' Depth)**	600	SF	$0.30	$180.00
46	**Asphalt Pavement - DGAC** (Includes the cost for crack fill and crack repair.)	15	TON	$80.00	$1,200.00
47	**Construct Concrete Curb and Gutter per City Std 200, Type per Plan** (Includes modified curb and gutter, curb and gutter for driveway depressions, and reconstruction of existing curb and gutter.)	850	LF	$40.00	$34,000.00
48	**Construct PCC Curb and Pervious Concrete Gutter** (Includes any sawcutting required to facilitate construction of new curb and gutter.)	180	LF	$70.00	$12,600.00
49	**Construct Concrete Driveway per City Std 302, Type per Plan** (Includes construction of modified driveways, PCC driveway matchups, sawcutting to facilitate construction of driveway matchups, and PCC retaining curb adjacent to driveways and driveway matchups when required. PCC retaining curb for shall be poured monolithic with driveway and driveway matchup.)	4,400	SF	$10.00	$44,000.00
50	**Construct Concrete Pedestrian Ramp per City Std 304, Type per Plan** (Includes all modified ramps and all retaining curb where required.)	12	EA	$3,200.00	$38,400.00
51	**Construct Concrete Sidewalk per City Std 325, Type per Plan** (Includes all new modified sidewalk, construction of stepped or sloped walkways, sawcutting required to facilitate construction of new sidewalk, and parkway slope grading behind new sidewalk.)	13,500	SF	$7.00	$94,500.00
52	**Construct PCC Retaining Curb Monolithic with Sidewalk** (Includes construction of concrete retaining curb behind sidewalk when indicated at heights up to 18".)	275	LF	$20.00	$5,500.00
53	**Remove Traffic Signal Pullbox and Connect 1" Conduit at 4494 Bandini Avenue** (Includes cost to disconnect DLC, pull DLC through new section of conduit, and reconnect to existing traffic signal loops.)	1	EA	$300.00	$300.00
54	**Remove Class I Tree and Roots** (Includes removal of cactus in front of 5550 Palm Avenue.)	4	EA	$500.00	$2,000.00
55	**Remove Class II Tree and Roots**	1	EA	$1,000.00	$1,000.00
56	**Tree - 24" Box** (Includes planting and plant establishment.)	6	EA	$500.00	$3,000.00
57	**Remove Sign**	3	EA	$50.00	$150.00
58	**Street Name Sign**	3	EA	$350.00	$1,050.00
	Sub-Total: Palm Avenue Project				**$252,880.00**
	HAWK SIGNALS AT MARKET ST AT: SIXTH ST (X-549) AND ELEVENT ST (X-550)				
59	**Remove Flashing Beacon System**	2	LS	$1,000.00	$2,000.00
60	**Install HAWK Signal System at Market St at Sixth St**	1	LS	$70,000.00	$70,000.00
61	**Install HAWK Signal System at Market St at Eleventh St**	1	LS	$70,000.00	$70,000.00
	Sub-Total: HAWK Signal Installation Project				**$142,000.00**
	ACCESSIBLE PEDESTRIAN SIGNALS (X-107E, X-111C, X-120D, X-121D, X-532B)				
62	**Remove Existing Pedestrian Push Buttons**	5	LS	$500.00	$2,500.00
63	**Polara Legacy EZ-COMM 2-Wire Navigator APS system, (S)**	5	LS	$6,500.00	$32,000.00
	Sub-Total: Accessible Pedestrian Signals Project				**$34,500.00**
	TEQUESQUITE AVE west of ELDERWOOD COURT - BIKE STAGING (XL-760)				
65	**Clearing and Grubbing** (Includes removal of existing gate and bollards at Tequesquite Ave near Gregory Rd)	1	LS	$1,500.00	$1,500.00
65	**Furnish and Install Concrete Bollards**	12	EA	$500.00	$6,000.00
66	**Furnish and Install Removeable Steel Bollards**	4	EA	$250.00	$1,000.00
67	**Furnish and Install Steel Bollards**	9	EA	$150.00	$1,350.00
68	**Furnish and Install 4' High X 20' Wide Double Gate Doors** (see plans for Gate Door specifications)	1	EA	$1,800.00	$1,800.00
69	**Furnish and Install Fabric Sail Shade Strucutre** (see plans for Fabric Sail Shade Structure specification)	1	EA	$23,000.00	$23,000.00
70	**Furnish and Install 6' Wide Park Bench**	2	EA	$1,000.00	$2,000.00

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No.	CONTRACT BID ITEMS	Quantity	Unit	Unit Price	Total
71	**Fusnish and Install Bike Repair w/ Air Pump and Penta Nut Tools**	1	EA	$1,245.00	$1,245.00
72	**Detail 11 (Thermo) - (4" Dashed White)**	1,172	LF	$0.50	$586.00
73	**Detail 22 (Thermo) - (4" Double Solid Yellow w/ RPM's)**	925	LF	$1.50	$1,387.50
74	**Detail 27B (Thermo) - (4" Solid White, RT Edge Line)**	217	LF	$1.00	$217.00
75	**Detail 32 (Thermo) - (4" Double Solid & 4" Double Dashed Yellow)**	145	LF	$3.00	$435.00
76	**Detail 36 (Thermo) - (8" White Solid w/ RPM's)**	130	LF	$2.00	$260.00
77	**Detail 39 (Thermo) - (6" White Solid)**	2,377	LF	$1.00	$2,377.00
78	**Detail 39A (Thermo) - (6" Dashed White)**	30	LF	$1.00	$30.00
79	**4" Solid White Stripe (Thermo)**	151	LF	$1.00	$151.00
80	**6" Solid White Stripe (Thermo)**	120	LF	$1.25	$150.00
81	**8" Solid White Stripe (Thermo)**	19	LF	$1.50	$28.50
82	**Pavement Markings (Thermoplastic)**	77	SF	$3.75	$288.75
83	**24" Solid White (Thermo) Crosswalk per plan Detail "B"**	363	SF	$1.50	$544.50
84	**Delineators**	22	EA	$40.00	$880.00
	Sub-Total: Bike Staging Project				**$45,230.25**
	A.C. BERM AT GLENWOOD DRIVE (R-4415)				
85	**Unclassified Excavation, (F)** (Includes the removal of existing AC (excluding Cold Mill area) and base material down to native.)	40	CY	$50.00	$2,000.00
86	**Unclassified Fill, (F)** (Includes importing soil and grading to install decomposed granite, parkway drain, and AC berm.)	4	CY	$30.00	$120.00
87	**Clearing and Grubbing** **(**Includes removal of shrubs, hedges, vegetation, and existing drain pipe into swale.)	1	LS	$1,500.00	$1,500.00
88	**Grade to Drain existing swale**	1	LS	$2,500.00	$2,500.00
89	**Crushed Aggregate Base (F)**	12	CY	$40.00	$480.00
90	**Sawcut 3' Wide section (0.12' Depth)**	960	SF	$2.50	$2,400.00
91	**Asphalt Pavement (DGAC)** (Includes all new paving and replacement paving in areas indicated on plans)	30	TON	$80.00	$2,400.00
92	**Aspahlt Concrete Berm per City Std 250, Type per Plan** (AC Berm to be cut per plan)	320	LF	$4.00	$1,280.00
93	**Construct Concrete Parkway Drain - per City Std. 410** (See plan for parkway drain grade detail.)	1	EA	$3,500.00	$3,500.00
94	**Decomposed Granite, 4" Min. Depth**	13	CY	$35.00	$455.00
95	**Walkway Edging, 4" Wide** (To be placed on sides of new DG walkway)	650	LF	$1.00	$650.00
96	**Weed Barrier, 4' Wide** (Go to along DG walkway as an added layer underneath Decomposed Granite)	320	LF	$0.50	$160.00
97	**Relocated Chainlink Fence**	80	LF	$10.00	$800.00
	Sub-Total: AC Berm at Glenwood Drive Project				**$18,245.00**
	BIKE STATION AT METROLINK STATION				
98	**Clearing and Grubbing** (Includes the removal of existing sidewalk, curb/gutter and base material down to native along with site preparation for new improvements.)	1	LS	$15,000.00	$15,000.00
99	**Furnish and Install Bike Station (BH202-24) w/ Equipment options (S)**	3	EA	$51,390.00	$154,170.00
100	**Fusnish and Install Bike Repair w/ Air Pump and Penta Nut Tools (S)**	3	EA	$1,245.00	$3,735.00
	Sub-Total: Bike Station at Metrolink Station Project				**$172,905.00**
	BIKE CORRALS				
101	**Remove Traffic Stripe**	100	LF	$4.00	$400.00
102	**Bike Corral - Mission Inn Ave Location (S)**	1	EA	$6,000.00	$6,000.00
103	**Bike Corral - University Ave Location (S)**	1	EA	$4,000.00	$4,000.00
	Sub-Total: Bike Corrals Project				**$10,400.00**
	BICYCLE AND WALKING KIOSKS (EXHIBIT-1)				
104	**Furnish and Install 1-Panel Kiosk (Item No. 03-440) (S)**	2	EA	$1,434.00	$2,868.00
105	**Furnish and Instal 1-Panel Kiosk (Item No. 03-491) (S)**	2	EA	$554.00	$1,108.00
106	**Furnish and Instal 1-Panel Kiosk (Item No. 03-491) - w/ Steel Mounting Plates, and Custom Color (S)**	1	EA	$747.90	$747.90
107	**Furnish and Instal 1-Panel Kiosk (Item No. 03-491) - w/ Custom Color (S)**	1	EA	$692.50	$692.50
108	**Furnish and Instal Display Kiosk Sign Panel w/ Text (Item No. 03-607) (S)**	6	EA	$680.00	$4,080.00
109	**Graffiti over Laminate display cover**	6	EA	$67.50	$405.00
110	**Educational Brochures**	1	LS	$1,000.00	$1,000.00
111	**Educational Materials**	1	Ls	$2,000.00	$2,000.00
	Sub-Total: Bike Staging Project				**$12,901.40**
TOTAL FOR ALL CONTRACT BID ITEMS					**$923,065.65**