

Palm Drive Street Lighting and Safety Improvement Project, City Project Number 2017-14

Item	Description	Est. Qty.	Unit	Unit Price	Engineers Estimate	Onyx Paving Company Inc		All American Asphalt		Tri-Star Contracting	
1	Mobilization	1	LS		\$75,000	\$ 96,000.00	\$ 96,000.00	\$ 117,982.00	\$ 117,982.00	\$ 171,865.00	\$ 171,865.00
2	Traffic Control	1	LS		\$100,000	\$ 222,000.00	\$ 222,000.00	\$ 78,000.00	\$ 78,000.00	\$ 127,672.00	\$ 127,672.00
3	Fugitive Dust Control	1	LS		\$45,000	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 13,767.00	\$ 13,767.00
4	Construction Survey and Staking	1	LS		\$40,000	\$ 27,000.00	\$ 27,000.00	\$ 11,000.00	\$ 11,000.00	\$ 31,338.00	\$ 31,338.00
5	Remove Damaged Curb & Gutter and Construct New PCC Curb & Gutter including Asphalt Concrete Slot Patch	853	LF	\$70	\$59,710	\$ 55.00	\$ 46,915.00	\$ 52.00	\$ 44,356.00	\$ 97.00	\$ 82,741.00
6	Remove Conflicting and/or Damaged Curb and Construct New PCC Curb	80	LF	\$50	\$4,000	\$ 50.00	\$ 4,000.00	\$ 34.00	\$ 2,720.00	\$ 77.00	\$ 6,160.00
7	Remove Existing Improvements and Construct PCC Cross Gutter on Aggregate Base including Asphalt Concrete Slot Patch	1,210	SF	\$45	\$54,450	\$ 22.00	\$ 26,620.00	\$ 30.00	\$ 36,300.00	\$ 39.00	\$ 47,190.00
8	Remove Existing Improvements and Construct PCC Sidewalk	2,095	SF	\$10	\$20,950	\$ 11.00	\$ 23,045.00	\$ 10.00	\$ 20,950.00	\$ 25.00	\$ 52,375.00
9	Construct New Curb Ramp (only work in addition to constructing New Sidewalk)	6	EA	\$6,500	\$39,000	\$ 6,500.00	\$ 39,000.00	\$ 5,900.00	\$ 35,400.00	\$ 4,363.00	\$ 26,178.00
10	Modify Existing Curb Ramp and Install Detectable Warning Surface	14	EA	\$2,500	\$35,000	\$ 2,500.00	\$ 35,000.00	\$ 910.00	\$ 12,740.00	\$ 919.00	\$ 12,866.00
11	Remove Existing Improvements and Construct PCC Commercial Driveway Approach per Std. 209	852	SF	\$25	\$21,300	\$ 22.00	\$ 18,744.00	\$ 27.00	\$ 23,004.00	\$ 39.00	\$ 33,228.00
12	Construct 6-inch Thick Asphalt Concrete Pavement Repair	6,000	SF	\$12	\$72,000	\$ 6.25	\$ 37,500.00	\$ 12.00	\$ 72,000.00	\$ 20.90	\$ 125,400.00
13	Construct Type II Slurry Seal	14,500	SY	\$6	\$87,000	\$ 4.00	\$ 58,000.00	\$ 3.20	\$ 46,400.00	\$ 4.90	\$ 71,050.00
14	Cold Mill Existing Asphalt Concrete Pavement 1 1/2" Deep	6,500	SY	\$4	\$26,000	\$ 3.21	\$ 20,865.00	\$ 3.80	\$ 24,700.00	\$ 5.80	\$ 37,700.00
15	Construct 1 1/2" Thick Asphalt Concrete Overlay	550	TON	\$90	\$49,500	\$ 77.77	\$ 42,773.50	\$ 95.00	\$ 52,250.00	\$ 98.00	\$ 53,900.00
16	Remove Existing Asphalt Concrete Pavement and Base and Excavate for Proposed Structural Section, Prepare Subgrade	4,400	CY	\$25	\$110,000	\$ 50.50	\$ 222,200.00	\$ 82.00	\$ 360,800.00	\$ 77.00	\$ 338,800.00
17	Construct 4" Thick Aggregate Base Course	3,400	TON	\$60	\$204,000	\$ 27.00	\$ 91,800.00	\$ 33.00	\$ 112,200.00	\$ 38.00	\$ 129,200.00
18	Construct 5" Thick Asphalt Concrete Pavement	5,000	TON	\$95	\$475,000	\$ 77.77	\$ 388,850.00	\$ 90.00	\$ 450,000.00	\$ 94.00	\$ 470,000.00
19	Adjust Water Valve Cover to Grade	26	EA	\$900	\$23,400	\$ 1,500.00	\$ 39,000.00	\$ 650.00	\$ 16,900.00	\$ 822.00	\$ 21,372.00
20	Adjust Sewer Manhole Frame and Cover to Grade	12	EA	\$1,600	\$19,200	\$ 1,000.00	\$ 12,000.00	\$ 1,100.00	\$ 13,200.00	\$ 1,644.00	\$ 19,728.00
21	Re-establish Survey Monument	1	EA	\$2,000	\$2,000	\$ 2,000.00	\$ 2,000.00	\$ 520.00	\$ 520.00	\$ 6,268.00	\$ 6,268.00
22	Install Street Lighting Conduits and Pull Boxes per SCE Streetlight Install Plans	1	LS	\$450,000	\$450,000	\$ -	\$ -	\$ 255,000.00	\$ 255,000.00	\$ 558,622.00	\$ 558,622.00
23	Install Conduits, Vaults, and Pull Boxes for Future Fiber Optic System	1	LS	\$125,000	\$125,000	\$ -	\$ -	\$ 225,000.00	\$ 225,000.00	\$ 440,193.00	\$ 440,193.00
24	Install Type D or E Traffic Signal Loop Detector	40	EA	\$450	\$18,000	\$ 325.00	\$ 13,000.00	\$ 320.00	\$ 12,800.00	\$ 436.00	\$ 17,440.00
25	Install Pavement Striping Lines, Markings, Legends, and Pavement Markers	1	LS		\$85,000	\$ 77,687.50	\$ 77,687.50	\$ 65,000.00	\$ 65,000.00	\$ 172,968.00	\$ 172,968.00
TOTALS					\$2,240,510		\$ 1,549,000.00		\$ 2,099,222.00		\$ 3,068,021.00
						Bid Proposal	\$ 2,020,000.00				

Contingency 10%	\$ 209,922.20
Inspection	\$ 60,000.00
Material/Equipment Testing	\$ 15,000.00
SCE Fee	\$ 100,000.00
Total Construction Budget	\$ 2,484,144.20