

Woodward Ave Flashing Beacon and LED Stop Signs Installations Project

Engineers Estimate \$300,000

April 18, 2018

PELAGIC ENGINEERING - OXNARD, CA

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
Project Initiation					
1	Mobilization / Demobilization	1	LS	\$ 43,050.00	\$ 43,050.00
2	Construction Signs & Traffic Control	1	LS	\$ 32,000.00	\$ 32,000.00
3	Resident and Business Notification	1	LS	\$ 200.00	\$ 200.00
4	Water Pollution Control	1	LS	\$ 500.00	\$ 500.00
Primary Tasks					
5	Construct Detectable Warning Surface on Existing Curb Ramp	1	EA	\$ 1,500.00	\$ 1,500.00
6	Construct ADA curb ramp with Detectable Warning Surface	5	EA	\$ 5,500.00	\$ 27,500.00
Underground					
7	Install Curb and Gutter	32	LF	\$ 50.00	\$ 1,600.00
8	Trenching/Conduit/Conductors	241	LF	\$ 27.00	\$ 6,507.00
9	Jack and Bore/Conduit/Conductors	161	LF	\$ 16.00	\$ 2,576.00
10	Install New Conduit in Existing Pull Box	4	EA	\$ 500.00	\$ 2,000.00
11	Service Enclosure Foundation	2	EA	\$ 1,200.00	\$ 2,400.00
12	15-TS Pole Foundation	2	EA	\$ 2,000.00	\$ 4,000.00
13	Mast Arm Pole Foundation	2	EA	\$ 4,000.00	\$ 8,000.00
14	No. 5 Pull Box	7	EA	\$ 1,000.00	\$ 7,000.00
15	Remove and Salvage In-pavement Lights System (Including Cable Crossings)	1	LS	\$ 5,000.00	\$ 5,000.00
16	Remove and Salvage Solar RRFB System and Signs	1	LS	\$ 2,000.00	\$ 2,000.00
17	Removal of 1-A Pole and Abandoning Foundation	4	EA	\$ 500.00	\$ 2,000.00
Above Ground					
18	26-4-100 Mast Arm Pole (25' Mast Arm)	1	EA	\$ 16,000.00	\$ 16,000.00
19	26-4-100 Mast Arm Pole (45' Mast Arm)	1	EA	\$ 17,000.00	\$ 17,000.00
20	15-TS Pole	2	EA	\$ 5,000.00	\$ 10,000.00
21	Flashing Beacon and LED Blinker Sign System at Pagola/Woodward	1	LS	\$ 24,000.00	\$ 24,000.00
22	Flashing Beacon and LED Blinker Sign System at Wellington/Woodward	1	LS	\$ 30,000.00	\$ 30,000.00
23	Power Control Unit	4	EA	\$ 1,000.00	\$ 4,000.00
24	APS Push Button	4	EA	\$ 500.00	\$ 2,000.00
25	APS Controller	2	EA	\$ 2,000.00	\$ 4,000.00
26	Luminaire	4	EA	\$ 1,000.00	\$ 4,000.00
27	Conductors Installed and Spliced	1	LS	\$ 12,000.00	\$ 12,000.00
Striping/Markers/ and Signage					
28	Striping and Marker Placement Coordination	1	LS	\$ 2,060.00	\$ 2,060.00
29	Arrow	1	EA	\$ 252.00	\$ 252.00
30	12" White Stripe	269	LF	\$ 6.00	\$ 1,614.00
31	12" Yellow Stripe	350	LF	\$ 6.00	\$ 2,100.00
32	24" White Stripe	275	LF	\$ 12.00	\$ 3,300.00
33	24" Yellow Stripe	418	LF	\$ 12.00	\$ 5,016.00
34	White Triangle Markers	130	SQFT	\$ 8.00	\$ 1,040.00
35	Detail 22	180	LF	\$ 2.00	\$ 360.00
36	Detail 38B	125	LF	\$ 2.00	\$ 250.00
37	Removal of Existing Striping	532	LF	\$ 13.20	\$ 7,022.40
38	Removal of Existing Arrow	1	EA	\$ 210.00	\$ 210.00
39	Sign and Post	8	EA	\$ 300.00	\$ 2,400.00
40	Sign	3	EA	\$ 150.00	\$ 450.00
41	Sign on Signal Pole	17	EA	\$ 750.00	\$ 12,750.00
42	Miscellaneous Mast Arm Sign	4	EA	\$ 500.00	\$ 2,000.00
43	Install Solar LED Blinker Stop Signs at Woodward/Pillsbury	2	EA	\$ 1,250.00	\$ 2,500.00
BID TOTAL:					\$ 314,157.40