

CITY OF RANCHO SANTA MARGARIT.
 22112 El Paseo, Rancho Santa Margarita, CA 92688 (949) 635-180
 PROJECT: CITY-WIDE TRAFFIC SIGNAL & SAFETY LIGHTING MAINTENANCE SERVICES NIB
 BID OPENING: Tuesday, June 7, 2022 at 11:00 a.m.

I. Routine Maintenance - Monthly									
				CROSSTOWN ELECTRICAL & DATA INC.		YUNEX TRAFFIC		BEAR ELECTRICAL SOLUTIONS	
Item	Description	Unit	Est. Monthly Qty.	Unit Price	Amount	Unit Price	Total Cost	Unit Price	Total Cost
1	Traffic Signal and safety light systems	EA	52	\$ 67.00	\$ 3,484.00	\$ 74.00	\$ 3,848.00	\$ 70.00	\$ 3,640.00
2	Traffic Signal Cabinet w/ Master Controller Only	EA	1	\$ 21.00	\$ 21.00	\$ 22.00	\$ 22.00	\$ 35.00	\$ 35.00
3	Battery Back-up Systems	EA	52	\$ 10.00	\$ 520.00	\$ 5.90	\$ 306.80	\$ 5.00	\$ 260.00
4	Safety Lights (LED)	EA	179	\$ 3.00	\$ 537.00	\$ 2.70	\$ 483.30	\$ 2.00	\$ 358.00
5	Safety Lights (HPS)	EA	34	\$ 5.00	\$ 170.00	\$ 5.90	\$ 200.60	\$ 2.00	\$ 68.00
6	Overhead Bridge Lights	EA	6	\$ 25.00	\$ 150.00	\$ 20.00	\$ 120.00	\$ 25.00	\$ 150.00
	Sub-Total I Monthly				\$ 4,882.00		\$ 4,986.70		\$ 4,911.00
	Sub-Total I Annual				\$ 58,584.00		\$ 59,768.40		\$ 54,132.00

CITY OF YUNEX TRAFFIC SIGNAL & SAFETY LIGHTING MAINTENANCE SERVICES

II. Routine Maintenance - Quarterly									
Item	Description	Unit	Est. Monthly Qty.	CROSSTOWN ELECTRICAL & DATA INC.		YUNEX TRAFFIC		BEAR ELECTRICAL SOLUTIONS	
				Unit Price	Amount	Unit Price	Total Cost	Unit Price	Total Cost
7	CCTV Cameras	EA	6	\$ 30.00	\$ 180.00	\$ 45.00	\$ 270.00	\$ 35.00	\$ 210.00
8	Flashing Beacons/Speed Feedback Signs	EA	14	\$ 30.00	\$ 420.00	\$ 25.00	\$ 350.00	\$ 35.00	\$ 490.00
Sub-Total II Quarterly					\$ 600.00		\$ 634.00		\$ 700.00
Sub-Total II Annual					\$ 2,400.00		\$ 2,536.00		\$ 2,800.00

	III. Extraordinary Maintenance (Provide and Install):								
				CROSSTOWN ELECTRICAL & DATA INC.		YUNEX TRAFFIC		BEAR ELECTRICAL SOLUTIONS	
Item	Description	Unit	Est. Monthly Qty.	Unit Price	Amount	Unit Price	Total Cost	Unit Price	Total Cost
9	Provide and Install Alpha BBS system	EA	1	\$ 7,650.00	\$ 7,650.00	\$ 6,100.00	\$ 6,100.00	\$ 4,189.00	\$ 4,189.00
10	Provide and Install Replacement Batteries for BBS	EA	6	\$ 630.00	\$ 3,780.00	\$ 520.00	\$ 3,120.00	\$ 450.00	\$ 2,700.00
11	Cal Trans Standard RSP ES-58 Type D loop	EA	10	\$ 550.00	\$ 5,500.00	\$ 600.00	\$ 6,000.00	\$ 850.00	\$ 8,500.00
12	Cal Trans Standard RSP ES-58 Type E loop	EA	10	\$ 600.00	\$ 6,000.00	\$ 600.00	\$ 6,000.00	\$ 860.00	\$ 8,600.00
13	Cal Trans Standard RSP ES-58 Type E loop (6-10)	EA	10	\$ 525.00	\$ 5,250.00	\$ 600.00	\$ 6,000.00	\$ 515.00	\$ 5,150.00
14	Cal Trans Standard RSP ES-58 Type Q loop	EA	10	\$ 600.00	\$ 6,000.00	\$ 700.00	\$ 7,000.00	\$ 860.00	\$ 8,600.00
15	Provide and Install Type II service cabinet (complete)	EA	1	\$ 2,350.00	\$ 2,350.00	\$ 2,500.00	\$ 2,500.00	\$ 2,250.00	\$ 2,250.00
16	Provide and Install NEMA type P cabinet (complete)	EA	1	\$ 29,780.00	\$ 29,780.00	\$ 23,000.00	\$ 23,000.00	\$ 23,075.00	\$ 23,075.00
17	Provide and Install Pedestrian Head (countdown)	EA	5	\$ 350.00	\$ 1,750.00	\$ 300.00	\$ 1,500.00	\$ 225.00	\$ 1,125.00
18	Provide and Install Pedestrian Module Head (countdown)	EA	5	\$ 145.00	\$ 725.00	\$ 190.00	\$ 950.00	\$ 250.00	\$ 1,250.00
19	Provide and Install ADA Polara PPB Assembly	EA	4	\$ 575.00	\$ 2,300.00	\$ 645.00	\$ 2,580.00	\$ 675.00	\$ 2,700.00
20	Replace PPB with ADA PPB	EA	4	\$ 225.00	\$ 900.00	\$ 250.00	\$ 1,000.00	\$ 310.00	\$ 1,240.00
21	Provide and Install Pushbutton plate	EA	4	\$ 30.00	\$ 120.00	\$ 45.00	\$ 180.00	\$ 60.00	\$ 240.00
22	Provide and Install Overhead Reflectorize Street Name Sign	EA	1	\$ 910.00	\$ 910.00	\$ 950.00	\$ 950.00	\$ 1,085.00	\$ 1,085.00
23	Conduct Signal Cabinet Operational Test	EA	1	\$ 750.00	\$ 750.00	\$ 975.00	\$ 975.00	\$ 1,120.00	\$ 1,120.00
24	Replace 12" 3-Section Vehicle Head	EA	1	\$ 470.00	\$ 470.00	\$ 375.00	\$ 375.00	\$ 250.00	\$ 250.00
25	Replace 12" 3 section Traffic Signal Back-plate.	EA	1	\$ 77.00	\$ 77.00	\$ 90.00	\$ 90.00	\$ 120.00	\$ 120.00
26	Paint Traffic Signal Cabinet	EA	4	\$ 580.00	\$ 2,320.00	\$ 850.00	\$ 3,400.00	\$ 715.00	\$ 2,860.00
27	Paint Traffic Signal Vehicle Head	EA	4	\$ 210.00	\$ 840.00	\$ 200.00	\$ 800.00	\$ 95.00	\$ 380.00
28	Installation of LED signal indicator replaced under warranty	EA	10	\$ 25.00	\$ 250.00	\$ 75.00	\$ 750.00	\$ 70.00	\$ 700.00
29	Provide and install 12" LED Indicator	EA	25	\$ 89.00	\$ 2,225.00	\$ 106.00	\$ 2,650.00	\$ 98.00	\$ 2,450.00
30	Provide and Install Pull Box Covers (#3)	EA	2	\$ 45.00	\$ 90.00	\$ 100.00	\$ 200.00	\$ 75.00	\$ 150.00
31	Provide and Install Pull Box Covers (#5)	EA	2	\$ 66.00	\$ 132.00	\$ 170.00	\$ 340.00	\$ 90.00	\$ 180.00
32	Provide and Install Pull Box Covers (#6)	EA	2	\$ 75.00	\$ 150.00	\$ 280.00	\$ 560.00	\$ 105.00	\$ 210.00
33	Not Used						\$ -		
34	Installation of LED luminaire replaced under warranty	EA	4	\$ 35.00	\$ 140.00	\$ 75.00	\$ 300.00	\$ 70.00	\$ 280.00
35	Not Used								
	Sub-Total III (Provide & Install) Annually				\$ 80,459.00		\$ 77,320.00		\$ 79,404.00

IV. Extraordinary Maintenance - Equipment									
				CROSSTOWN ELECTRICAL & DATA INC.		YUNEX TRAFFIC		BEAR ELECTRICAL SOLUTIONS	
Item	Description	Unit	Est. Monthly Qty.	Unit Price	Amount	Unit Price	Total Cost	Unit Price	Total Cost
36	Pick-up Truck	Hour	150	\$ 5.00	\$ 750.00	\$ 25.00	\$ 3,750.00	\$ 10.00	\$ 1,500.00
37	Service Truck	Hour	150	\$ 39.00	\$ 5,850.00	\$ 35.00	\$ 5,250.00	\$ 30.00	\$ 4,500.00
38	Not Used								
39	Not Used								
40	50' Boom Truck	Hour	4	\$ 20.00	\$ 80.00	\$ 35.00	\$ 140.00	\$ 40.00	\$ 160.00
41	Crane Truck	Hour	8	\$ 95.00	\$ 760.00	\$ 65.00	\$ 520.00	\$ 65.00	\$ 520.00
42	Water Truck	Hour	4	\$ 15.00	\$ 60.00	\$ 20.00	\$ 80.00	\$ 10.00	\$ 40.00
43	Dump Truck	Hour	8	\$ 25.00	\$ 200.00	\$ 25.00	\$ 200.00	\$ 25.00	\$ 200.00
44	Bid Concrete Saw	Hour	4	\$ 5.00	\$ 20.00	\$ 5.00	\$ 20.00	\$ 10.00	\$ 40.00
45	Complete Paint Rig	Hour	4	\$ 5.00	\$ 20.00	\$ 25.00	\$ 100.00	\$ 30.00	\$ 120.00
46	Air Compressor w/Tools	Hour	16	\$ 10.00	\$ 160.00	\$ 5.00	\$ 80.00	\$ 10.00	\$ 160.00
47	Trencher and Backhoe	Hour	16	\$ 125.00	\$ 2,000.00	\$ 140.00	\$ 2,240.00	\$ 125.00	\$ 2,000.00
	Sub-Total IV Annual				\$ 9,900.00		\$ 12,380.00		\$ 9,240.00

V. Extraordinary Maintenance - Labor									
				CROSSTOWN ELECTRICAL & DATA INC.		YUNEX TRAFFIC		BEAR ELECTRICAL SOLUTIONS	
Item	Description	Unit	Est. Monthly Qty.	Unit Price	Amount	Unit Price	Total Cost	Unit Price	Total Cost
48	Superintendent	Hour	20	\$ 50.00	\$ 1,000.00	\$ 120.00	\$ 2,400.00	\$ 120.00	\$ 2,400.00
49	Transportation Systems Electrician	Hour	50	\$ 106.00	\$ 5,300.00	\$ 113.00	\$ 5,650.00	\$ 115.00	\$ 5,750.00
50	Transportation Systems Technician	Hour	250	\$ 103.00	\$ 25,750.00	\$ 97.00	\$ 24,250.00	\$ 115.00	\$ 28,750.00
51	Maintenance Tech	Hour	50	\$ 75.00	\$ 3,750.00	\$ 85.00	\$ 4,250.00	\$ 105.00	\$ 5,250.00
	Sub-Total V (Labor) Annual				\$ 35,800.00		\$ 36,550.00		\$ 42,150.00
	Sub-Total I				\$ 58,584.00		\$ 59,768.40		\$ 54,132.00
	Sub-Total II				\$ 2,400.00		\$ 2,536.00		\$ 2,800.00
	Sub-Total III				\$ 80,489.00		\$ 77,320.00		\$ 79,404.00
	Sub-Total IV				\$ 9,900.00		\$ 12,380.00		\$ 9,240.00
	Sub-Total V				\$ 35,800.00		\$ 36,550.00		\$ 42,150.00
	GRAND TOTAL ANNUAL BID				\$ 187,143.00		\$ 188,554.40		\$ 187,726.00