CITY OF CATHEDRAL CITY
HSIP 9A: TRAFFIC SIGNAL IMPROVEMENTS (C08752)
Bid Tabulation/ Analysis

CITY PROJECT No.: 8752

ITEM	DESCRIPTION	UNIT	QTY	ALFARO UNIT COST	ALFARO TOTAL	BELCO UNIT COST	BELCO TOTAL
	BID SCHEDULE						
1	MOBILIZATION	LS	1	$67,340.00	$67,340.00	$54,328.00	$54,328.00
2	TRAFFIC CONTROL	LS	1	$29,250.00	$29,250.00	$11,000.00	$11,000.00
3	DUST CONTROL	LS	1	$3,120.00	$3,120.00	$2,800.00	$2,800.00
4	RECORD DRAWINGS	LS	1	$2,366.00	$2,366.00	$1,000.00	$1,000.00
20	R&S EXISTING 3 SECTION SIGNAL HEAD AND MOUNTING. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	3	$3,829.96	$11,489.88	$3,274.00	$9,822.00
21	R&S EXISTING 3 SECTION MAST ARM SIGNAL HEAD. FURNISH AND INSTALL 5 SECTION MAST ARM SIGNAL HEAD	EA	5	$2,833.77	$14,168.85	$1,760.00	$8,800.00
22	R&S EXISTING SV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEADS. FURNISH AND INSTALL SV-3-T & 3-3 SECTION SIGNAL HEADS	EA	1	$5,151.82	$5,151.82	$3,390.00	$3,390.00
23	R&S EXISTING SV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	1	$3,829.96	$3,829.96	$2,795.00	$2,795.00
24	R&S EXISTING TV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEAD	EA	3	$2,429.15	$7,287.45	$2,280.00	$6,840.00
25	R&S EXISTING PEDESTRIAN SIGNAL HEAD ASSEMBLY. FURNISH AND INSTALL SP-1-T MOUNTING AND PEDESTRIAN COUNTDOWN SIGNAL HEAD.	EA	24	$1,466.70	$35,200.80	$1,336.00	$32,064.00
26	R&S EXISTING PEDESTRIAN SIGNAL HEAD . FURNISH AND INSTALL NEW COUNTDOWN SIGNAL HEAD ON EXISTING MOUNTING	EA	64	$536.01	$34,304.64	$836.00	$53,504.00
27	R&S EXISTING PPB ASSEMBLY. FURNISH AND INSTALL PPB (APS) WITH SIGN	EA	80	$2,955.84	$236,467.20	$2,200.00	$176,000.00
28	R&S EXISTING TYPE 24 POLE, MAST ARM, SIGN AND FOUNDATION	EA	1	$9,256.00	$9,256.00	$4,738.00	$4,738.00
29	F&I TYPE 1-A POLE ON NEW FOUNDATION	EA	1	$8,095.75	$8,095.75	$5,196.00	$5,196.00
30	F&I TYPE 29 POLE WITH 50' MAST ARM, 15 LUMINAIRE ARM ON NEW FOUNDATION. RELOCATE LUMINAIRE, EVP, IISNS, AND PE CONTROLLER TO NEW POLE.	EA	1	$50,332.10	$50,332.10	$44,656.00	$44,656.00
31	R&S EXISTING #5 PULL BOX	EA	3	$394.33	$1,182.99	$964.00	$2,892.00
32	R&S EXISTING #6 PULL BOX	EA	1	$295.75	$295.75	$964.00	$964.00
33	F&I NEW #6 PULL BOX	EA	3	$3,020.33	$9,060.99	$1,293.00	$3,879.00
34	F&I NEW #6E PULL BOX	EA	1	$3,971.50	$3,971.50	$2,584.00	$2,584.00
35	F&I 4" PVC CONDUIT, PULL TAPE, AND TRACE WIRE	LF	76	$204.58	$15,548.08	$130.00	$9,880.00
36	R&S EXISTING TRACONEX CONTROLLER. FURNISH AND INSTALL NEW QFREE XN2 (TS2, TYPE 2) CONTROLLER	EA	1	$9,777.30	$9,777.30	$9,989.00	$9,989.00
37	R&S EXISTING 170E CONTROLLER. F&I NEW QFREE 2070LX WITH 1C MODULE CONTROLLER.	EA	1	$12,611.30	$12,611.30	$12,864.00	$12,864.00
38	F&I MMU (IP READY)	EA	1	$1,842.10	$1,842.10	$2,030.00	$2,030.00
39	F&I MAST ARM MOUNTED SIGN	EA	2	$2,288.00	$4,576.00	$192.00	$384.00
40	R&S EXISTING VDC	EA	1	$2,366.00	$2,366.00	$1,000.00	$1,000.00
41	F&I VIDEO DETECTION SYSTEM	EA	2	$58,863.35	$117,726.70	$67,039.00	$134,078.00
42	SIGNAL REWIRE (10 INTERSECTIONS)	LS	1	$295,100.00	$295,100.00	$234,135.00	$234,135.00
45	F&I TYPE I PEDESTRIAN BARRICADE WITH R9-3 SIGN	EA	2	$2,288.00	$4,576.00	$3,500.00	$7,000.00
	SUB-TOTAL BID SCHEDULE NO. 1				**$996,295.16**		**$838,612.00**
					$ 1,001,733.16		

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL
	ALTERNATE BID SCHEDULE NO. 1						
48	R&S EXISTING XN-2 CONTROLLER. F&I NEW 2070LX CONTROLLER	EA	1	$12,611.30	$12,611.30	$12,276.00	$12,276.00
	SUB-TOTAL ALTERNATE BID SCHEDULE NO. 1				**$ 12,611.30**		**$ 12,276.00**

TOTAL ALL BID ITEMS AND ALL ALTERNATIVES	**$ 1,008,906.46**	**$ 850,888.00**
	$ 1,014,344.46	

CITY OF CATHEDRAL CITY
HSIP 9A: TRAFFIC SIGNAL IMPROVEMENTS (C08752)
Bid Tabulation/ Analysis

CITY PROJECT No.: 8752

ITEM	DESCRIPTION	UNIT	QTY	CROSSTOWN UNIT COST	CROSSTOWN TOTAL	DBX UNIT COST	DBX TOTAL
	BID SCHEDULE						
1	MOBILIZATION	LS	1	$50,000.00	$50,000.00	$13,000.00	$13,000.00
2	TRAFFIC CONTROL	LS	1	$15,000.00	$15,000.00	$235,000.00	$235,000.00
3	DUST CONTROL	LS	1	$1,500.00	$1,500.00	$1,500.00	$1,500.00
4	RECORD DRAWINGS	LS	1	$500.00	$500.00	$1,500.00	$1,500.00
20	R&S EXISTING 3 SECTION SIGNAL HEAD AND MOUNTING. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	3	$2,915.00	$8,745.00	$2,600.00	$7,800.00
21	R&S EXISTING 3 SECTION MAST ARM SIGNAL HEAD. FURNISH AND INSTALL 5 SECTION MAST ARM SIGNAL HEAD	EA	5	$2,075.00	$10,375.00	$1,800.00	$9,000.00
22	R&S EXISTING SV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEADS. FURNISH AND INSTALL SV-3-T & 3-3 SECTION SIGNAL HEADS	EA	1	$3,200.00	$3,200.00	$2,800.00	$2,800.00
23	R&S EXISTING SV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	1	$2,725.00	$2,725.00	$2,800.00	$2,800.00
24	R&S EXISTING TV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEAD	EA	3	$2,125.00	$6,375.00	$2,300.00	$6,900.00
25	R&S EXISTING PEDESTRIAN SIGNAL HEAD ASSEMBLY. FURNISH AND INSTALL SP-1-T MOUNTING AND PEDESTRIAN COUNTDOWN SIGNAL HEAD.	EA	24	$835.00	$20,040.00	$900.00	$21,600.00
26	R&S EXISTING PEDESTRIAN SIGNAL HEAD . FURNISH AND INSTALL NEW COUNTDOWN SIGNAL HEAD ON EXISTING MOUNTING	EA	64	$425.00	$27,200.00	$400.00	$25,600.00
27	R&S EXISTING PPB ASSEMBLY. FURNISH AND INSTALL PPB (APS) WITH SIGN	EA	80	$2,290.00	$183,200.00	$2,700.00	$216,000.00
28	R&S EXISTING TYPE 24 POLE, MAST ARM, SIGN AND FOUNDATION	EA	1	$5,020.00	$5,020.00	$14,000.00	$14,000.00
29	F&I TYPE 1-A POLE ON NEW FOUNDATION	EA	1	$18,205.00	$18,205.00	$4,500.00	$4,500.00
30	F&I TYPE 29 POLE WITH 50' MAST ARM, 15 LUMINAIRE ARM ON NEW FOUNDATION. RELOCATE LUMINAIRE, EVP, IISNS, AND PE CONTROLLER TO NEW POLE.	EA	1	$59,395.00	$59,395.00	$54,000.00	$54,000.00
31	R&S EXISTING #5 PULL BOX	EA	3	$295.00	$885.00	$166.00	$498.00
32	R&S EXISTING #6 PULL BOX	EA	1	$350.00	$350.00	$500.00	$500.00
33	F&I NEW #6 PULL BOX	EA	3	$2,095.00	$6,285.00	$2,300.00	$6,900.00
34	F&I NEW #6E PULL BOX	EA	1	$2,465.00	$2,465.00	$3,200.00	$3,200.00
35	F&I 4" PVC CONDUIT, PULL TAPE, AND TRACE WIRE	LF	76	$310.00	$23,560.00	$260.00	$19,760.00
36	R&S EXISTING TRACONEX CONTROLLER. FURNISH AND INSTALL NEW QFREE XN2 (TS2, TYPE 2) CONTROLLER	EA	1	$8,750.00	$8,750.00	$15,000.00	$15,000.00
37	R&S EXISTING 170E CONTROLLER. F&I NEW QFREE 2070LX WITH 1C MODULE CONTROLLER.	EA	1	$11,015.00	$11,015.00	$15,000.00	$15,000.00
38	F&I MMU (IP READY)	EA	1	$1,860.00	$1,860.00	$5,500.00	$5,500.00
39	F&I MAST ARM MOUNTED SIGN	EA	2	$335.00	$670.00	$500.00	$1,000.00
40	R&S EXISTING VDC	EA	1	$1,985.00	$1,985.00	$500.00	$500.00
41	F&I VIDEO DETECTION SYSTEM	EA	2	$51,620.00	$103,240.00	$53,000.00	$106,000.00
42	SIGNAL REWIRE (10 INTERSECTIONS)	LS	1	$309,877.00	$309,877.00	$370,000.00	$370,000.00
45	F&I TYPE I PEDESTRIAN BARRICADE WITH R9-3 SIGN	EA	2	$3,095.00	$6,190.00	$3,500.00	$7,000.00
	SUB-TOTAL BID SCHEDULE NO. 1				**$888,612.00**		**$1,166,858.00**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL
	ALTERNATE BID SCHEDULE NO. 1						
48	R&S EXISTING XN-2 CONTROLLER. F&I NEW 2070LX CONTROLLER	EA	1	$11,075.00	$11,075.00	$15,000.00	$15,000.00
	SUB-TOTAL ALTERNATE BID SCHEDULE NO. 1				**$ 11,075.00**		**$ 15,000.00**

TOTAL ALL BID ITEMS AND ALL ALTERNATIVES	**$ 899,687.00**	**$ 1,181,858.00**

Cathedral City

CITY OF CATHEDRAL CITY
HSIP 9A: TRAFFIC SIGNAL IMPROVEMENTS (C08752)
Bid Tabulation/ Analysis

CITY PROJECT No.: 8752

ITEM	DESCRIPTION	UNIT	QTY	ECONOLITE UNIT COST	ECONOLITE TOTAL	PTM UNIT COST	PTM TOTAL
	BID SCHEDULE						
1	MOBILIZATION	LS	1	$52,700.00	$52,700.00	$29,240.00	$29,240.00
2	TRAFFIC CONTROL	LS	1	$51,434.76	$51,434.76	$55,800.00	$55,800.00
3	DUST CONTROL	LS	1	$10,466.76	$10,466.76	$2,000.00	$2,000.00
4	RECORD DRAWINGS	LS	1	$24,627.66	$24,627.66	$1,500.00	$1,500.00
20	R&S EXISTING 3 SECTION SIGNAL HEAD AND MOUNTING. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	3	$2,806.90	$8,420.70	$2,870.00	$8,610.00
21	R&S EXISTING 3 SECTION MAST ARM SIGNAL HEAD. FURNISH AND INSTALL 5 SECTION MAST ARM SIGNAL HEAD	EA	5	$2,391.75	$11,958.75	$1,900.00	$9,500.00
22	R&S EXISTING SV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEADS. FURNISH AND INSTALL SV-3-T & 3-3 SECTION SIGNAL HEADS	EA	1	$3,487.90	$3,487.90	$3,100.00	$3,100.00
23	R&S EXISTING SV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	1	$2,780.33	$2,780.33	$2,870.00	$2,870.00
24	R&S EXISTING TV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEAD	EA	3	$1,035.85	$3,107.55	$2,400.00	$7,200.00
25	R&S EXISTING PEDESTRIAN SIGNAL HEAD ASSEMBLY. FURNISH AND INSTALL SP-1-T MOUNTING AND PEDESTRIAN COUNTDOWN SIGNAL HEAD.	EA	24	$939.44	$22,546.56	$1,450.00	$34,800.00
26	R&S EXISTING PEDESTRIAN SIGNAL HEAD . FURNISH AND INSTALL NEW COUNTDOWN SIGNAL HEAD ON EXISTING MOUNTING	EA	64	$432.11	$27,655.04	$640.00	$40,960.00
27	R&S EXISTING PPB ASSEMBLY. FURNISH AND INSTALL PPB (APS) WITH SIGN	EA	80	$1,352.56	$108,204.80	$2,960.00	$236,800.00
28	R&S EXISTING TYPE 24 POLE, MAST ARM, SIGN AND FOUNDATION	EA	1	$16,921.87	$16,921.87	$7,200.00	$7,200.00
29	F&I TYPE 1-A POLE ON NEW FOUNDATION	EA	1	$7,454.19	$7,454.19	$6,000.00	$6,000.00
30	F&I TYPE 29 POLE WITH 50' MAST ARM, 15 LUMINAIRE ARM ON NEW FOUNDATION. RELOCATE LUMINAIRE, EVP, IISNS, AND PE CONTROLLER TO NEW POLE.	EA	1	$60,269.17	$60,269.17	$50,000.00	$50,000.00
31	R&S EXISTING #5 PULL BOX	EA	3	$992.27	$2,976.81	$400.00	$1,200.00
32	R&S EXISTING #6 PULL BOX	EA	1	$653.14	$653.14	$600.00	$600.00
33	F&I NEW #6 PULL BOX	EA	3	$3,327.29	$9,981.87	$2,000.00	$6,000.00
34	F&I NEW #6E PULL BOX	EA	1	$3,829.22	$3,829.22	$3,400.00	$3,400.00
35	F&I 4" PVC CONDUIT, PULL TAPE, AND TRACE WIRE	LF	76	$845.73	$64,275.48	$100.00	$7,600.00
36	R&S EXISTING TRACONEX CONTROLLER. FURNISH AND INSTALL NEW QFREE XN2 (TS2, TYPE 2) CONTROLLER	EA	1	$7,599.99	$7,599.99	$7,000.00	$7,000.00
37	R&S EXISTING 170E CONTROLLER. F&I NEW QFREE 2070LX WITH 1C MODULE CONTROLLER.	EA	1	$10,012.07	$10,012.07	$10,000.00	$10,000.00
38	F&I MMU (IP READY)	EA	1	$1,988.85	$1,988.85	$3,000.00	$3,000.00
39	F&I MAST ARM MOUNTED SIGN	EA	2	$283.13	$566.26	$900.00	$1,800.00
40	R&S EXISTING VDC	EA	1	$820.42	$820.42	$4,000.00	$4,000.00
41	F&I VIDEO DETECTION SYSTEM	EA	2	$52,227.31	$104,454.62	$63,000.00	$126,000.00
42	SIGNAL REWIRE (10 INTERSECTIONS)	LS	1	$454,780.91	$454,780.91	$500,000.00	$500,000.00
45	F&I TYPE I PEDESTRIAN BARRICADE WITH R9-3 SIGN	EA	2	$3,403.62	$6,807.24	$2,500.00	$5,000.00
	SUB-TOTAL BID SCHEDULE NO. 1				**$1,080,782.92**		**$1,171,180.00**
					$ 1,080,792.97		

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL
	ALTERNATE BID SCHEDULE NO. 1						
48	R&S EXISTING XN-2 CONTROLLER. F&I NEW 2070LX CONTROLLER	EA	1	$10,165.89	$10,165.89	$10,000.00	$10,000.00
	SUB-TOTAL ALTERNATE BID SCHEDULE NO. 1				**$ 10,165.89**		**$ 10,000.00**

TOTAL ALL BID ITEMS AND ALL ALTERNATIVES	**$ 1,090,948.81**	**$ 1,181,180.00**
	$ 1,090,958.86	

Cathedral City

CITY OF CATHEDRAL CITY
HSIP 9A: TRAFFIC SIGNAL IMPROVEMENTS (C08752)
Bid Tabulation/ Analysis

CITY PROJECT No.: 8752

ITEM	DESCRIPTION	UNIT	QTY	YUNEX UNIT COST	YUNEX TOTAL
	BID SCHEDULE				
1	MOBILIZATION	LS	1	$10,150.00	$10,150.00
2	TRAFFIC CONTROL	LS	1	$14,500.00	$14,500.00
3	DUST CONTROL	LS	1	$400.00	$400.00
4	RECORD DRAWINGS	LS	1	$13,334.00	$13,334.00
20	R&S EXISTING 3 SECTION SIGNAL HEAD AND MOUNTING. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	3	$3,870.00	$11,610.00
21	R&S EXISTING 3 SECTION MAST ARM SIGNAL HEAD. FURNISH AND INSTALL 5 SECTION MAST ARM SIGNAL HEAD	EA	5	$2,142.00	$10,710.00
22	R&S EXISTING SV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEADS. FURNISH AND INSTALL SV-3-T & 3-3 SECTION SIGNAL HEADS	EA	1	$4,073.00	$4,073.00
23	R&S EXISTING SV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 5 SECTION AND 3 SECTION SIGNAL HEAD	EA	1	$3,870.00	$3,870.00
24	R&S EXISTING TV-1-T MOUNTING AND 3 SECTION SIGNAL HEAD. FURNISH AND INSTALL TV-2-T MOUNTING AND 2-3 SECTION SIGNAL HEAD	EA	3	$2,920.00	$8,760.00
25	R&S EXISTING PEDESTRIAN SIGNAL HEAD ASSEMBLY. FURNISH AND INSTALL SP-1-T MOUNTING AND PEDESTRIAN COUNTDOWN SIGNAL HEAD.	EA	24	$1,286.00	$30,864.00
26	R&S EXISTING PEDESTRIAN SIGNAL HEAD . FURNISH AND INSTALL NEW COUNTDOWN SIGNAL HEAD ON EXISTING MOUNTING	EA	64	$797.00	$51,008.00
27	R&S EXISTING PPB ASSEMBLY. FURNISH AND INSTALL PPB (APS) WITH SIGN	EA	80	$1,545.00	$123,600.00
28	R&S EXISTING TYPE 24 POLE, MAST ARM, SIGN AND FOUNDATION	EA	1	$13,564.00	$13,564.00
29	F&I TYPE 1-A POLE ON NEW FOUNDATION	EA	1	$17,668.00	$17,668.00
30	F&I TYPE 29 POLE WITH 50' MAST ARM, 15 LUMINAIRE ARM ON NEW FOUNDATION. RELOCATE LUMINAIRE, EVP, IISNS, AND PE CONTROLLER TO NEW POLE.	EA	1	$59,295.00	$59,295.00
31	R&S EXISTING #5 PULL BOX	EA	3	$756.00	$2,268.00
32	R&S EXISTING #6 PULL BOX	EA	1	$1,143.00	$1,143.00
33	F&I NEW #6 PULL BOX	EA	3	$2,833.00	$8,499.00
34	F&I NEW #6E PULL BOX	EA	1	$3,537.00	$3,537.00
35	F&I 4" PVC CONDUIT, PULL TAPE, AND TRACE WIRE	LF	76	$268.00	$20,368.00
36	R&S EXISTING TRACONEX CONTROLLER. FURNISH AND INSTALL NEW QFREE XN2 (TS2, TYPE 2) CONTROLLER	EA	1	$7,876.00	$7,876.00
37	R&S EXISTING 170E CONTROLLER. F&I NEW QFREE 2070LX WITH 1C MODULE CONTROLLER.	EA	1	$10,534.00	$10,534.00
38	F&I MMU (IP READY)	EA	1	$1,886.00	$1,886.00
39	F&I MAST ARM MOUNTED SIGN	EA	2	$625.00	$1,250.00
40	R&S EXISTING VDC	EA	1	$1,457.00	$1,457.00
41	F&I VIDEO DETECTION SYSTEM	EA	2	$63,024.00	$126,048.00
42	SIGNAL REWIRE (10 INTERSECTIONS)	LS	1	$227,850.00	$227,850.00
45	F&I TYPE I PEDESTRIAN BARRICADE WITH R9-3 SIGN	EA	2	$5,669.00	$11,338.00
	SUB-TOTAL BID SCHEDULE NO. 1				**$797,460.00**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL
	ALTERNATE BID SCHEDULE NO. 1				
48	R&S EXISTING XN-2 CONTROLLER. F&I NEW 2070LX CONTROLLER	EA	1	$10,535.00	$10,535.00
	SUB-TOTAL ALTERNATE BID SCHEDULE NO. 1				**$ 10,535.00**

TOTAL ALL BID ITEMS AND ALL ALTERNATIVES **$ 807,995.00**