

## Havasu Riviera Street and Utility Improvement Plans

Project No. PR2070

January 23, 2018

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AJP Electric Inc.		MCCORMICK CONSTRUCTION CO		PAVECO INC.		KINNEY CONSTRUCTION LLC	
				UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
1	MOBILIZATION	LS	1	\$ 70,000.00	\$ 70,000.00	\$ 64,020.20	\$ 64,020.20	\$ 105,500.00	\$ 105,500.00	\$ 49,900.00	\$ 49,900.00
2	REMOVE CURB AND GUTTER	LFT	610	\$ 7.00	\$ 4,270.00	\$ 10.00	\$ 6,100.00	\$ 5.00	\$ 3,050.00	\$ 13.00	\$ 7,930.00
3	REMOVE CATCH BASIN/SCUPPER	EACH	2	\$ 2,000.00	\$ 4,000.00	\$ 1,100.00	\$ 2,200.00	\$ 1,500.00	\$ 3,000.00	\$ 3,299.00	\$ 6,598.00
4	ASPHALTIC CONCRETE	TON	325	\$ 150.00	\$ 48,750.00	\$ 210.00	\$ 68,250.00	\$ 150.00	\$ 48,750.00	\$ 270.00	\$ 87,750.00
5	AGGREGATE BASE	CU YD	342	\$ 60.00	\$ 20,520.00	\$ 103.00	\$ 35,226.00	\$ 85.00	\$ 29,070.00	\$ 76.00	\$ 25,992.00
6	CONCRETE SIDEWALK (C-05.20)	SQ. FT	1743	\$ 8.00	\$ 13,944.00	\$ 8.40	\$ 14,641.20	\$ 11.00	\$ 19,173.00	\$ 13.30	\$ 23,181.90
7	CATCH BASIN	EACH	3	\$ 13,000.00	\$ 39,000.00	\$ 12,000.00	\$ 36,000.00	\$ 9,500.00	\$ 28,500.00	\$ 17,026.00	\$ 51,078.00
8	CONCRETE CURB AND GUTTER (C-05.10, TYPE D)	L.FT	698	\$ 34.00	\$ 23,732.00	\$ 47.00	\$ 32,806.00	\$ 36.00	\$ 25,128.00	\$ 54.00	\$ 37,692.00
9	CONCRETE SINGLE CURB (C-05.10, TYPE A1)	L.FT	37	\$ 29.00	\$ 1,073.00	\$ 61.00	\$ 2,257.00	\$ 73.00	\$ 2,701.00	\$ 56.00	\$ 2,072.00
10	CONCRETE CURB RAMP	EACH	5	\$ 4,000.00	\$ 20,000.00	\$ 2,585.00	\$ 12,925.00	\$ 4,200.00	\$ 21,000.00	\$ 5,127.00	\$ 25,635.00
11	36" CORR. METAL PIPE	L.FT	145	\$ 160.00	\$ 23,200.00	\$ 224.00	\$ 32,480.00	\$ 125.00	\$ 18,125.00	\$ 176.00	\$ 25,520.00
12	DUMPED RIP RAP (REMOVE, SALVAGE & SCREEN, PLACE)	CU YD	100	\$ 100.00	\$ 10,000.00	\$ 71.50	\$ 7,150.00	\$ 30.00	\$ 3,000.00	\$ 61.00	\$ 6,100.00
13	EARTHWORK - FULL	SQ.YD	525	\$ 60.00	\$ 31,500.00	\$ 41.00	\$ 21,525.00	\$ 33.00	\$ 17,325.00	\$ 94.00	\$ 49,350.00
14	POLE (TYPE A)	EACH	3	\$ 1,000.00	\$ 3,000.00	\$ 965.00	\$ 2,895.00	\$ 1,400.00	\$ 4,200.00	\$ 1,665.00	\$ 4,995.00
15	POLE (TYPE Q)	EACH	1	\$ 5,400.00	\$ 5,400.00	\$ 6,210.00	\$ 6,210.00	\$ 6,500.00	\$ 6,500.00	\$ 8,937.00	\$ 8,937.00
16	POLE (TYPE R)	EACH	1	\$ 6,100.00	\$ 6,100.00	\$ 8,615.00	\$ 8,615.00	\$ 6,800.00	\$ 6,800.00	\$ 9,901.00	\$ 9,901.00
17	POLE (TYPE J)	EACH	1	\$ 4,800.00	\$ 4,800.00	\$ 5,500.00	\$ 5,500.00	\$ 5,600.00	\$ 5,600.00	\$ 8,305.00	\$ 8,305.00

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18	POLE FOUNDATION (TYPE A)	EACH	3	\$ 800.00	\$ 2,400.00	\$ 585.00	\$ 1,755.00	\$ 800.00	\$ 2,400.00	\$ 1,194.00	\$ 3,582.00
19	POLE FOUNDATION (TYPE Q)	EACH	1	\$ 2,800.00	\$ 2,800.00	\$ 2,150.00	\$ 2,150.00	\$ 3,500.00	\$ 3,500.00	\$ 4,591.00	\$ 4,591.00
20	POLE FOUNDATION (TYPE R)	EACH	1	\$ 2,800.00	\$ 2,800.00	\$ 2,150.00	\$ 2,150.00	\$ 3,500.00	\$ 3,500.00	\$ 4,591.00	\$ 4,591.00
21	POLE FOUNDATION (TYPE J)	EACH	1	\$ 2,800.00	\$ 2,800.00	\$ 2,150.00	\$ 2,150.00	\$ 3,500.00	\$ 3,500.00	\$ 4,591.00	\$ 4,591.00
22	MAST ARM (30 FT.) (TAPERED)	EACH	2	\$ 1,700.00	\$ 3,400.00	\$ 2,405.00	\$ 4,810.00	\$ 4,000.00	\$ 8,000.00	\$ 5,215.00	\$ 10,430.00
23	MAST ARM (50 FT.) (TAPERED)	EACH	1	\$ 4,200.00	\$ 4,200.00	\$ 3,805.00	\$ 3,805.00	\$ 8,500.00	\$ 8,500.00	\$ 10,715.00	\$ 10,715.00
24	ELECTRICAL CONDUIT (2 1/2") (PVC)	L.FT	21	\$ 20.00	\$ 420.00	\$ 20.30	\$ 426.30	\$ 20.00	\$ 420.00	\$ 27.00	\$ 567.00
25	ELECTRICAL CONDUIT (3") (PVC)	L.FT	138	\$ 20.00	\$ 2,760.00	\$ 21.65	\$ 2,987.70	\$ 20.00	\$ 2,760.00	\$ 28.00	\$ 3,864.00
26	ELECTRICAL CONDUIT (2-3") (PVC) (DIRECTIONAL DRILL)	L.FT	307	\$ 50.00	\$ 15,350.00	\$ 101.40	\$ 31,129.80	\$ 55.00	\$ 16,885.00	\$ 87.00	\$ 26,709.00
27	PULL BOX (NO.7)	EACH	6	\$ 600.00	\$ 3,600.00	\$ 778.00	\$ 4,668.00	\$ 700.00	\$ 4,200.00	\$ 873.00	\$ 5,238.00
28	PULL BOX (NO.7) (WITH EXTENSION)	EACH	1	\$ 800.00	\$ 800.00	\$ 845.00	\$ 845.00	\$ 800.00	\$ 800.00	\$ 1,056.00	\$ 1,056.00
29	CONDUCTORS	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 8,590.00	\$ 8,590.00	\$ 23,000.00	\$ 23,000.00	\$ 28,280.00	\$ 28,280.00
30	TRAFFIC SIGNAL FACE (TYPE F)	EACH	8	\$ 500.00	\$ 4,000.00	\$ 482.00	\$ 3,856.00	\$ 600.00	\$ 4,800.00	\$ 738.00	\$ 5,904.00
31	TRAFFIC SIGNAL FACE (TYPE R)	EACH	4	\$ 400.00	\$ 1,600.00	\$ 488.00	\$ 1,952.00	\$ 600.00	\$ 2,400.00	\$ 746.00	\$ 2,984.00
32	TRAFFIC SIGNAL FACE (PEDESTRIAN) (MAN/HAND)	EACH	4	\$ 500.00	\$ 2,000.00	\$ 384.00	\$ 1,536.00	\$ 500.00	\$ 2,000.00	\$ 619.00	\$ 2,476.00
33	TRAFFIC MOUNTING ASSEMBLY (TYPE 11)	EACH	7	\$ 150.00	\$ 1,050.00	\$ 421.00	\$ 2,947.00	\$ 300.00	\$ 2,100.00	\$ 346.00	\$ 2,422.00
34	TRAFFIC SIGNAL MOUNTING ASSEMBLY(TYPE IV)	EACH	2	\$ 500.00	\$ 1,000.00	\$ 456.00	\$ 912.00	\$ 600.00	\$ 1,200.00	\$ 692.00	\$ 1,384.00
35	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE V)	EACH	5	\$ 500.00	\$ 2,500.00	\$ 383.00	\$ 1,915.00	\$ 500.00	\$ 2,500.00	\$ 613.00	\$ 3,065.00

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36	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE VII)	EACH	1	\$ 800.00	\$ 800.00	\$ 383.00	\$ 383.00	\$ 550.00	\$ 550.00	\$ 654.00	\$ 654.00
37	CONTROL CABINET (TYPE V)	EACH	1	\$ 20,000.00	\$ 20,000.00	\$ 33,120.00	\$ 33,120.00	\$ 24,000.00	\$ 24,000.00	\$ 28,004.00	\$ 28,004.00
38	CONTROL CABINET FOUNDATION	EACH	1	\$ 1,300.00	\$ 1,300.00	\$ 1,082.00	\$ 1,082.00	\$ 3,500.00	\$ 3,500.00	\$ 4,056.00	\$ 4,056.00
39	METER PEDESTAL CABINET	EACH	1	\$ 6,500.00	\$ 6,500.00	\$ 3,119.00	\$ 3,119.00	\$ 4,000.00	\$ 4,000.00	\$ 4,897.00	\$ 4,897.00
40	METER PEDESTAL FOUNDATION	EACH	1	\$ 500.00	\$ 500.00	\$ 913.00	\$ 913.00	\$ 1,000.00	\$ 1,000.00	\$ 1,194.00	\$ 1,194.00
41	PEDESTRIAN PUSH BUTTON	EACH	4	\$ 400.00	\$ 1,600.00	\$ 440.00	\$ 1,760.00	\$ 600.00	\$ 2,400.00	\$ 666.00	\$ 2,664.00
42	LUMINAIRE (HORIZONTAL MOUNT) (LED)	EACH	2	\$ 1,000.00	\$ 2,000.00	\$ 729.00	\$ 1,458.00	\$ 1,200.00	\$ 2,400.00	\$ 1,454.00	\$ 2,908.00
43	POWER SUPPLY (BATTERY BACKUP)	EACH	1	\$ 7,000.00	\$ 7,000.00	\$ 8,520.00	\$ 8,520.00	\$ 8,000.00	\$ 8,000.00	\$ 9,702.00	\$ 9,702.00
44	MISCELLANEOUS WORK (RADAR DETECTION 5-UNIT)	L.S.	1	\$ 30,000.00	\$ 30,000.00	\$ 46,240.00	\$ 46,240.00	\$ 50,000.00	\$ 50,000.00	\$ 78,530.00	\$ 78,530.00
45	OBLITERATE PAVEMENT MARKING	L.FT.	1,970	\$ 0.85	\$ 1,674.50	\$ 1.00	\$ 1,970.00	\$ 2.25	\$ 4,432.50	\$ 1.00	\$ 1,970.00
46	PAVEMENT MARKING (WHITE 18" EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	62	\$ 3.00	\$ 186.00	\$ 10.15	\$ 629.30	\$ 6.00	\$ 372.00	\$ 4.00	\$ 248.00
47	PAVEMENT MARKING (WHITE 12" EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	1136	\$ 1.80	\$ 2,044.80	\$ 6.75	\$ 7,668.00	\$ 4.00	\$ 4,544.00	\$ 2.10	\$ 2,385.60
48	PAVEMENT MARKING (WHITE 6" EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	657	\$ 0.90	\$ 591.30	\$ 2.00	\$ 1,314.00	\$ 2.00	\$ 1,314.00	\$ 1.10	\$ 722.70
49	PAVEMENT MARKING, PREFORMED, TYPE 1, SINGLE ARROW	EACH	4	\$ 400.00	\$ 1,600.00	\$ 237.00	\$ 948.00	\$ 165.00	\$ 660.00	\$ 450.00	\$ 1,800.00
50	PAVEMENT MARKERS (TYPE G)	EACH	2	\$ 8.00	\$ 16.00	\$ 10.15	\$ 20.30	\$ 6.00	\$ 12.00	\$ 16.00	\$ 32.00
51	PAVEMENT MARKING, PREFORMED, TYPE 1, S	EACH	58	\$ 260.00	\$ 15,080.00	\$ 237.00	\$ 13,746.00	\$ 130.00	\$ 7,540.00	\$ 307.00	\$ 17,806.00
52	SIGN POST (2 1/2T)	EACH	24	\$ 15.00	\$ 360.00	\$ 27.05	\$ 649.20	\$ 22.00	\$ 528.00	\$ 184.00	\$ 4,416.00
53	SQUARE TUBE POST SLIP BASE	EACH	2	\$ 230.00	\$ 460.00	\$ 541.00	\$ 1,082.00	\$ 180.00	\$ 360.00	\$ 268.00	\$ 536.00

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54	WARNING, MARKER , OR REGULATORY SIGN	EACH	15	\$ 35.00	\$ 525.00	\$ 34.00	\$ 510.00	\$ 40.00	\$ 600.00	\$ 288.00	\$ 4,320.00
55	PORTABLE SIGN STANDS (SPRING TYPE)	EACH-DAY	600	\$ 1.00	\$ 600.00	\$ 0.70	\$ 420.00	\$ 0.50	\$ 300.00	\$ 1.00	\$ 600.00
56	WARNING LIGHTS (TYPE A)	EACH-DAY	600	\$ 0.40	\$ 240.00	\$ 0.19	\$ 114.00	\$ 0.25	\$ 150.00	\$ 0.50	\$ 300.00
57	WARNING LIGHTS (TYPE C)	EACH-DAY	600	\$ 0.40	\$ 240.00	\$ 0.23	\$ 138.00	\$ 0.25	\$ 150.00	\$ 0.30	\$ 180.00
58	BARRICADE (TYPE II, VERT. PANEL, TUBULAR MARKER)	EACH-DAY	9000	\$ 0.40	\$ 3,600.00	\$ 0.32	\$ 2,880.00	\$ 0.25	\$ 2,250.00	\$ 0.40	\$ 3,600.00
59	TEMPORARY SIGN	EACH-DAY	600	\$ 1.00	\$ 600.00	\$ 0.57	\$ 342.00	\$ 0.60	\$ 360.00	\$ 0.70	\$ 420.00
60	TRUCK MOUNTED ATTENUATOR	EACH-DAY	3	\$ 250.00	\$ 750.00	\$ 318.00	\$ 954.00	\$ 110.00	\$ 330.00	\$ 383.00	\$ 1,149.00
61	FLAGGING SERVICES (DPS)	HOURS	24	\$ 75.00	\$ 1,800.00	\$ 91.00	\$ 2,184.00	\$ 80.00	\$ 1,920.00	\$ 112.00	\$ 2,688.00
62	FLASHING ARROW PANEL	EACH-DAY	1	\$ 50.00	\$ 50.00	\$ 23.00	\$ 23.00	\$ 10.00	\$ 10.00	\$ 28.00	\$ 28.00
63	CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY	74	\$ 60.00	\$ 4,440.00	\$ 32.00	\$ 2,368.00	\$ 25.00	\$ 1,850.00	\$ 45.00	\$ 3,330.00
64	CONSTRUCTION SURVEYING AND LAYOUT	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 22,773.00	\$ 22,773.00	\$ 100,000.00	\$ 100,000.00	\$ 20,988.80	\$ 20,988.80
65	FORCE ACCOUNT	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00
	<b>TOTAL BID + FORCE ACCOUNT</b>				<b>\$ 559,326.60</b>		<b>\$ 639,713.00</b>		<b>\$ 708,419.50</b>		<b>\$ 798,515.00</b>