

OFFICE OF THE CITY ENGINEER  
DESIGN AND CONSTRUCTION PROCUREMENT  
BID TABULATION

Project No.: ST8930268					Description: Citywide 12 Locations 2021 Federal TAP HAWK Installation			
Bid Date: October 15, 2024					Reviewed and Approved By: <i>Chuck Christiansen</i> 11/04/2024			
					Engineer's Estimate		AJP Electric, Inc.	
Item No.	Ref. No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
1	E699200	ALLOWANCE FOR STORMWATER POLLUTION PREVENTION BEST MANAGEMENT PRACTICE (BMP'S) (12 LOCATIONS)	JOB	1	\$ 39,000.00	\$ 39,000.00	\$39,000.00	\$39,000.00
2	M1042006	ALLOWANCE FOR UNFORESEEN CONDITIONS (12 LOCATIONS)	JOB	1	\$ 249,950.00	\$ 249,950.00	\$249,950.00	\$249,950.00
3	M1058001	CONSTRUCTION SURVEYING AND LAYOUT (12 LOCATIONS)	LS	1	\$ 65,000.00	\$ 65,000.00	\$60,000.00	\$60,000.00
4	M3210100	ASPHALT CONCRETE SURFACE COURSE, TYPE D 1/2 FOR DRIVEWAY, SIDEWALK AND PARKING LOT CONNECTIONS	TON	1	\$ 175.00	\$ 175.00	\$1,350.00	\$1,350.00
5	M3360120	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE D-1/2, 2" THICK	SY	328	\$ 130.00	\$ 42,640.00	\$115.00	\$37,720.00
6	M3360260	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE C-3/4, 6" THICK	SY	3	\$ 265.00	\$ 795.00	\$1,350.00	\$4,050.00
7	M3360270	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE C-3/4, 7" THICK	SY	325	\$ 290.00	\$ 94,250.00	\$300.00	\$97,500.00
8	M3370103	CRACK SEAL AND MICROSEAL	SY	16,625	\$ 16.50	\$ 274,312.50	\$26.00	\$432,250.00
9	M3400000	CONSTRUCT CONCRETE MEDIAN NOSE TRANSITION PER MAG STD DTL 223	SF	103	\$ 26.00	\$ 2,678.00	\$30.00	\$3,090.00
10	M3400005	DECORATIVE CONCRETE PAVERS	SF	318	\$ 21.50	\$ 6,837.00	\$100.00	\$31,800.00
11	M3400240	CONSTRUCT CONCRETE VALLEY GUTTER PER MAG STD DTL 240	SF	157	\$ 23.00	\$ 3,611.00	\$28.00	\$4,396.00
12	M3402244	CONCRETE HEADER PER PLANS	LF	33	\$ 25.00	\$ 825.00	\$60.00	\$1,980.00
13	M3400400	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	3,971	\$ 9.00	\$ 35,739.00	\$12.00	\$47,652.00
14	M3400409	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 MODIFIED (9" THICK), CLASS A CONCRETE	SF	103	\$ 15.00	\$ 1,545.00	\$25.00	\$2,575.00
15	M3400415	TRUNCATED DOMES FOR SIDEWALK RAMPS, PER COP STD DTL P1232	SF	448	\$ 25.00	\$ 11,200.00	\$120.00	\$53,760.00
16	M3400488A	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-1, (9" THICK))	SF	1,113	\$ 35.00	\$ 38,955.00	\$45.00	\$50,085.00
17	M3400488B	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-2, (9" THICK))	SF	957	\$ 35.00	\$ 33,495.00	\$45.00	\$43,065.00
18	M3400488C	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-3, (9" THICK))	SF	1,952	\$ 35.00	\$ 68,320.00	\$45.00	\$87,840.00
19	M3400488D	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-5, (9" THICK))	SF	731	\$ 35.00	\$ 25,585.00	\$45.00	\$32,895.00
20	M3400488E	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-1, (4" THICK))	SF	1,380	\$ 30.00	\$ 41,400.00	\$40.00	\$55,200.00
21	M3400488F	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-1, (9" THICK))	SF	123	\$ 35.00	\$ 4,305.00	\$45.00	\$5,535.00
22	M3400488G	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-2, (4" THICK))	SF	182	\$ 30.00	\$ 5,460.00	\$40.00	\$7,280.00
23	M3400488H	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-2, (9" THICK))	SF	167	\$ 35.00	\$ 5,845.00	\$45.00	\$7,515.00
24	M3400488J	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER COP STD DTL P1241-1, (4" THICK))	SF	235	\$ 30.00	\$ 7,050.00	\$40.00	\$9,400.00
25	M3400555	CONCRETE DRIVEWAY ENTRANCE, COP STD DTL P1255-1	SF	137	\$ 24.00	\$ 3,288.00	\$28.00	\$3,836.00
26	M3402201	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A", H=6"	LF	1,066	\$ 40.00	\$ 42,640.00	\$80.00	\$85,280.00
27	M3402202	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A", H=4"	LF	270	\$ 45.00	\$ 12,150.00	\$80.00	\$21,600.00
28	M3450050	ADJUST EXISTING FRAMES, COVERS, VALVE BOXES ON EXISTING NON-CITY UTILITIES, CONTINGENT ITEM	EA	7	\$ 1,000.00	\$ 7,000.00	\$1,000.00	\$7,000.00

OFFICE OF THE CITY ENGINEER  
DESIGN AND CONSTRUCTION PROCUREMENT  
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29	M3453001	ADJUST EXISTING WATER VALVE FRAME AND COVER PER COP STD DTL P1391, TYPE 'A'	EA	8	\$ 875.00	\$ 7,000.00	\$700.00	\$5,600.00
30	M3453007	REPLACE EXISTING ELECTRIC BOX & COVER W/ TRAFFIC RATED BOX & COVER, ADJUST TO GRADE	EA	1	\$ 5,000.00	\$ 5,000.00	\$4,500.00	\$4,500.00
31	M3453015	ADJUST EXISTING FIRE HYDRANTS	EA	1	\$ 5,000.00	\$ 5,000.00	\$1,000.00	\$1,000.00
32	M3454100	ADJUST EXISTING ELECTRIC JUNCTION BOX TO GRADE	EA	1	\$ 1,200.00	\$ 1,200.00	\$1,000.00	\$1,000.00
33	M3500010	REMOVE EXISTING CONCRETE SINGLE CURB, CURB AND GUTTER, ROLL CURB	LF	1,412	\$ 12.00	\$ 16,944.00	\$25.00	\$35,300.00
34	M3500020	REMOVE EXISTING CONCRETE SIDEWALK, MEDIAN NOSE, VALLEY GUTTER, & SLABS	SF	9,295	\$ 7.00	\$ 65,065.00	\$10.00	\$92,950.00
35	M3500025	REMOVE EXISTING CONCRETE PAVERS AND BASE SLAB	SF	400	\$ 6.00	\$ 2,400.00	\$15.00	\$6,000.00
36	M3500036	REMOVE CATCH BASIN	EA	2	\$ 2,600.00	\$ 5,200.00	\$3,000.00	\$6,000.00
37	M3500040	REMOVE EXISTING PIPE, BACKFILL & COMPACT	LF	51	\$ 55.00	\$ 2,805.00	\$50.00	\$2,550.00
38	M3500108	REMOVE EXISTING CONCRETE WALL	LF	8	\$ 200.00	\$ 1,600.00	\$150.00	\$1,200.00
39	M3500150	REMOVE EXISTING TREE (>12" DIAMETER)	EA	1	\$ 2,500.00	\$ 2,500.00	\$1,000.00	\$1,000.00
40	M3500312	MISCELLANEOUS REMOVALS AND OTHER WORK (12 LOCATIONS)	JOB	1	\$ 74,750.00	\$ 74,750.00	\$74,750.00	\$74,750.00
41	M3500400	OBLITERATE EXISTING PAVEMENT MARKINGS (12 LOCATIONS)	JOB	1	\$ 45,500.00	\$ 45,500.00	\$45,500.00	\$45,500.00
42	M3500402	REMOVE EXISTING STREETLIGHT MAST ARM & LUMINAIRE ONLY & RETURN TO COP	EA	1	\$ 1,000.00	\$ 1,000.00	\$800.00	\$800.00
43	M3500403	REMOVE EXISTING STREETLIGHT (INCLUDING FOUNDATION & RETURN TO COP)	EA	6	\$ 3,500.00	\$ 21,000.00	\$2,750.00	\$16,500.00
44	M3500404	EXISTING STREETLIGHT/LUMINAIRE DE-ENERGIZATION COORDINATION	LS	1	\$ 5,000.00	\$ 5,000.00	\$2,500.00	\$2,500.00
45	M3513303	TRAFFIC SIGNAL CONDUCTORS (12 LOCATIONS)	LS	1	\$ 195,000.00	\$ 195,000.00	\$333,600.00	\$333,600.00
46	M4011903	TRAFFIC CONTROL DEVICES (12 LOCATIONS)	LS	1	\$ 201,500.00	\$ 201,500.00	\$1,300,000.00	\$1,300,000.00
47	M4013000	ALLOWANCE FOR UNIFORMED, OFF-DUTY LAW ENFORCEMENT OFFICER (12 LOCATIONS)	JOB	1	\$ 162,500.00	\$ 162,500.00	\$162,500.00	\$162,500.00
48	M4304000	DECOMPOSED GRANITE, 3/4" MINUS FOR GENERAL LANDSCAPE	CY	26	\$ 55.00	\$ 1,430.00	\$400.00	\$10,400.00
49	M4400501	LANDSCAPE AND IRRIGATION RESTORATION (12 LOCATIONS)	LS	1	\$ 24,000.00	\$ 24,000.00	\$60,000.00	\$60,000.00
50	M4711000	1" SCH 40 PVC CONDUIT	LF	80	\$ 20.00	\$ 1,600.00	\$37.50	\$3,000.00
51	M4711001	2" SCH 40 PVC CONDUIT	LF	1,055	\$ 26.00	\$ 27,430.00	\$40.00	\$42,200.00
52	M4711003	2 1/2" SCH 40 PVC CONDUIT	LF	5,330	\$ 52.00	\$ 277,160.00	\$87.00	\$463,710.00
53	M4712003	TRAFFIC SIGNAL, NO. 7 JUNCTION BOX	EA	25	\$ 2,000.00	\$ 50,000.00	\$1,550.00	\$38,750.00
54	M4712004	TRAFFIC SIGNAL, NO. 4 JUNCTION BOX	EA	1	\$ 2,000.00	\$ 2,000.00	\$1,330.00	\$1,330.00
55	M4722004A	FOUNDATION FOR TYPE AP POLE	EA	3	\$ 4,000.00	\$ 12,000.00	\$5,010.00	\$15,030.00
56	M4722007A	FOUNDATION FOR TYPE GP POLE	EA	3	\$ 4,500.00	\$ 13,500.00	\$5,445.00	\$16,335.00
57	M4722010A	FOUNDATION FOR TYPE LP POLE	EA	4	\$ 5,300.00	\$ 21,200.00	\$7,150.00	\$28,600.00
58	M4722013A	FOUNDATION FOR TYPE P45 POLE	EA	4	\$ 9,000.00	\$ 36,000.00	\$13,200.00	\$52,800.00
59	M4722016A	FOUNDATION FOR TYPE P70 POLE	EA	12	\$ 14,000.00	\$ 168,000.00	\$21,275.00	\$255,300.00
60	M4724002	FOUNDATION FOR POWER PEDESTAL TYPE 'B'	EA	12	\$ 2,900.00	\$ 34,800.00	\$1,540.00	\$18,480.00
61	M4724004	FOUNDATION FOR TRAFFIC SIGNAL CONTROLLER CABINET	EA	12	\$ 2,000.00	\$ 24,000.00	\$2,365.00	\$28,380.00
62	M4732002	APS PEDESTRIAN PUSH BUTTON	EA	24	\$ 1,435.00	\$ 34,440.00	\$2,400.00	\$57,600.00

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BID TABULATION

63	M4741020	COP LUMINAIRE MAST ARM	EA	33	\$ 900.00	\$ 29,700.00	\$800.00	\$26,400.00
64	M4741024	5' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	5	\$ 1,400.00	\$ 7,000.00	\$1,650.00	\$8,250.00
65	M4741025	5' RISER DUAL LUMINAIRE MAST ARM SHOES AT 90 DEG ORIENTATION	EA	3	\$ 1,600.00	\$ 4,800.00	\$ 1,780.00	\$ 5,340.00
66	M4741030	20' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	7	\$ 2,000.00	\$ 14,000.00	\$2,700.00	\$18,900.00
67	M4741031	20' RISER DUAL LUMINAIRE MAST ARM SHOES AT 90 DEG ORIENTATION	EA	6	\$ 2,200.00	\$ 13,200.00	\$3,018.00	\$18,108.00
68	M4741034	TYPE AP POLE - 15'	EA	3	\$ 4,500.00	\$ 13,500.00	\$4,600.00	\$13,800.00
69	M4741035	TYPE BP POLE IN SIDEWALK	EA	2	\$ 3,800.00	\$ 7,600.00	\$2,915.00	\$5,830.00
70	M4741037	TYPE GP POLE	EA	3	\$ 5,000.00	\$ 15,000.00	\$7,150.00	\$21,450.00
71	M4741038	TYPE LP POLE	EA	4	\$ 5,500.00	\$ 22,000.00	\$8,010.00	\$32,040.00
72	M4741039	TYPE P45 POLE	EA	4	\$ 10,000.00	\$ 40,000.00	\$24,800.00	\$99,200.00
73	M4741041	TYPE P70 POLE	EA	12	\$ 18,500.00	\$ 222,000.00	\$40,215.00	\$482,580.00
74	M4741044	30' PRIMARY MAST ARM FOR P45 POLE (M30P45)	EA	4	\$ 12,000.00	\$ 48,000.00	\$19,875.00	\$79,500.00
75	M4741047	40' PRIMARY MAST ARM FOR P70 POLE (M40P70)	EA	3	\$ 13,000.00	\$ 39,000.00	\$26,950.00	\$80,850.00
76	M4741048	55' PRIMARY MAST ARM FOR P70 POLE (M55P70)	EA	9	\$ 18,500.00	\$ 166,500.00	\$36,280.00	\$326,520.00
77	M4741050	5' MAST ARM EXTENSION FOR P45/P70 POLE (E5)	EA	2	\$ 1,300.00	\$ 2,600.00	\$2,000.00	\$4,000.00
78	M4741051	10' MAST ARM EXTENSION FOR P45/P70 POLE (E10)	EA	7	\$ 1,800.00	\$ 12,600.00	\$2,400.00	\$16,800.00
79	M4741052	15' MAST ARM EXTENSION FOR P45/P70 POLE (E15)	EA	5	\$ 2,500.00	\$ 12,500.00	\$3,495.00	\$17,475.00
80	M4741053	DAMPER	EA	16	\$ 1,200.00	\$ 19,200.00	\$2,765.00	\$44,240.00
81	M4751002	TYPE 'B' ELECTRICAL POWER SERVICE PEDESTAL WITH BATTERY BACKUP	EA	12	\$ 15,000.00	\$ 180,000.00	\$19,970.00	\$239,640.00
82	M4751003	TRAFFIC SIGNAL CONTROLLER CABINET	EA	12	\$ 55,000.00	\$ 660,000.00	\$58,500.00	\$702,000.00
83	M4761009	PEDESTRIAN SIGNAL HEAD, LED	EA	24	\$ 1,900.00	\$ 45,600.00	\$1,350.00	\$32,400.00
84	M4761010	TYPE T - 3 SECTION 12" HAWK SIGNAL HEAD	EA	24	\$ 1,400.00	\$ 33,600.00	\$1,770.00	\$42,480.00
85	M4761011	TYPE T1 - 3 SECTION 12" HAWK SIGNAL HEAD	EA	73	\$ 1,500.00	\$ 109,500.00	\$1,860.00	\$135,780.00
86	M4771001	LED TRAFFIC SIGNAL LUMINAIRE	EA	33	\$ 1,150.00	\$ 37,950.00	\$1,130.00	\$37,290.00
87	M4794001	MISCELLANEOUS REMOVAL OF INCIDENTAL TRAFFIC ITEMS (12 LOCATIONS)	JOB	1	\$ 54,600.00	\$ 54,600.00	\$54,600.00	\$54,600.00
88	M5051480	CONCRETE CATCH BASIN, TYPE "B", MAG STD DTL 531	EA	1	\$ 15,000.00	\$ 15,000.00	\$12,000.00	\$12,000.00
89	M5051524	CONCRETE CATCH BASIN, TYPE "M", COP SUPP STD DTL P1569-1	EA	1	\$ 9,000.00	\$ 9,000.00	\$12,000.00	\$12,000.00
90	M6101204	CONNECTION TO EXISTING 4" WATERLINE	EA	3	\$ 6,300.00	\$ 18,900.00	\$5,000.00	\$15,000.00
91	M6101206	CONNECTION TO EXISTING 6" WATERLINE	EA	2	\$ 6,300.00	\$ 12,600.00	\$5,000.00	\$10,000.00
92	M6101806	RELOCATE EXISTING WATER METER, BOX, AND COVER PER COP STD DTL P1342 W/ NEW TAP TO MAIN	EA	1	\$ 8,000.00	\$ 8,000.00	\$3,000.00	\$3,000.00
93	M6101850	ALLOWANCE FOR EXCESS DUCTILE IRON FITTING, FURNISH AND INSTALL (12 LOCATIONS)	JOB	1	\$ 34,000.00	\$ 34,000.00	\$34,000.00	\$34,000.00
94	M6104004	4" DUCTILE IRON WATER PIPE & FITTINGS, RESTRAINED, FURNISH & INSTALL	LF	3	\$ 175.00	\$ 525.00	\$2,000.00	\$6,000.00
95	M6104006	6" DUCTILE IRON WATER PIPE & FITTINGS, RESTRAINED, FURNISH & INSTALL	LF	32	\$ 210.00	\$ 6,720.00	\$600.00	\$19,200.00
96	M6104304	CUTTING AND PLUGGING EXISTING WATER LINE, 2" - 4"	EA	2	\$ 2,500.00	\$ 5,000.00	\$1,000.00	\$2,000.00

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97	M6106001	REMOVE EXISTING VALVE BOX & COVER	EA	3	\$ 1,300.00	\$ 3,900.00	\$3,000.00	\$9,000.00
98	M6108006	FIRE HYDRANT FURNISHED BY THE CITY OF PHOENIX, INSTALL	EA	2	\$ 10,500.00	\$ 21,000.00	\$4,500.00	\$9,000.00
99	M6108007	FIRE HYDRANT, SALVAGE & DELIVER TO THE CITY OF PHOENIX	EA	2	\$ 2,000.00	\$ 4,000.00	\$1,750.00	\$3,500.00
100	M6180506	CONCRETE PIPE COLLAR FOR 24" PIPE AND LARGER, COP SUPP. STD. DETAIL P1505	EA	2	\$ 2,500.00	\$ 5,000.00	\$4,000.00	\$8,000.00
101	M6180507	CONCRETE PIPE COLLAR FOR PIPE SMALLER THAN 24", COP SUPP. STD. DETAIL P1505	EA	1	\$ 2,000.00	\$ 2,000.00	\$3,000.00	\$3,000.00
102	M6181015	15" STORM SEWER PIPE	LF	10	\$ 225.00	\$ 2,250.00	\$650.00	\$6,500.00
103	M6180030	30" STORM SEWER PIPE	LF	10	\$ 400.00	\$ 4,000.00	\$850.00	\$8,500.00
104	M6303104	4" VALVE, FLG. X MJ, BOX AND COVER, FURNISH & INSTALL	EA	1	\$ 4,000.00	\$ 4,000.00	\$3,300.00	\$3,300.00
105	M6303106	6" VALVE, FLG. X MJ, BOX AND COVER, FURNISH & INSTALL	EA	2	\$ 4,500.00	\$ 9,000.00	\$3,700.00	\$7,400.00
106	M6309065	DEBRIS CAP INCLUDING LOCATOR COIL, FURNISHED BY CITY OF PHOENIX, INSTALL	EA	20	\$ 750.00	\$ 15,000.00	\$100.00	\$2,000.00
107	M9011001	WIRELESS NETWORK RADIO	EA	12	\$ 10,000.00	\$ 120,000.00	\$4,750.00	\$57,000.00
108	M9021001	PTZ CCTV	EA	12	\$ 6,000.00	\$ 72,000.00	\$6,860.00	\$82,320.00
<b>GRAND TOTALS</b>						<b>\$ 4,854,919.50</b>		<b>\$7,526,962.00</b>