

**OFFICE OF THE CITY ENGINEER
DESIGN AND CONSTRUCTION PROCUREMENT
BID TABULATION**

Project No.: ST89330268
Description: CW 12 LOCATIONS-2021 FEDERAL TAP HAWK INSTALLATION REBID
Bid Date: 12/10/2024
Reviewed and Approved By: Chuck Christiansen
Chuck Christiansen (Dec 16, 2024 13:07 MST)

Item No.	Description	Unit	Quantity	Engineer's/Architect's Unit Price	Extended Total	A J P ELECTRIC, INC.	Extended Total
1	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	ALLOWANCE FOR UNFORESEEN CONDITIONS (12 LOCATIONS)	JOB	1	\$249,950.00	\$249,950.00	\$249,950.00	\$249,950.00
3	CONSTRUCTION SURVEYING AND LAYOUT (12 LOCATIONS)	LS	1	\$65,000.00	\$65,000.00	\$60,000.00	\$60,000.00
4	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	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	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	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	CRACK SEAL AND MICROSEAL	SY	16,625	\$16.50	\$274,312.50	\$12.00	\$199,500.00
9	CONSTRUCT CONCRETE MEDIAN NOSE TRANSITION PER MAG STD DTL 223	SF	103	\$26.00	\$2,678.00	\$30.00	\$3,090.00
10	DECORATIVE CONCRETE PAVERS	SF	318	\$21.50	\$6,837.00	\$100.00	\$31,800.00
11	CONSTRUCT CONCRETE VALLEY GUTTER PER MAG STD DTL 240	SF	157	\$23.00	\$3,611.00	\$28.00	\$4,396.00
12	CONCRETE HEADER PER PLANS	LF	33	\$25.00	\$825.00	\$60.00	\$1,980.00

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13	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	3971	\$9.00	\$35,739.00	\$12.00	\$47,652.00
14	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	TRUNCATED DOMES FOR SIDEWALK RAMPS, PER COP STD DTL P1232	SF	448	\$25.00	\$11,200.00	\$110.00	\$49,280.00
16	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-1, (9" THICK))	SF	1,113	\$35.00	\$38,955.00	\$40.00	\$44,520.00
17	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-2, (9" THICK))	SF	957	\$35.00	\$33,495.00	\$40.00	\$38,280.00
18	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-3, (9" THICK))	SF	1,952	\$35.00	\$68,320.00	\$40.00	\$78,080.00
19	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-5, (9" THICK))	SF	731	\$35.00	\$25,585.00	\$40.00	\$29,240.00
20	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-1, (4" THICK))	SF	1,380	\$30.00	\$41,400.00	\$35.00	\$48,300.00
21	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-1, (9" THICK))	SF	123	\$35.00	\$4,305.00	\$40.00	\$4,920.00
22	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-2, (4" THICK))	SF	182	\$30.00	\$5,460.00	\$35.00	\$6,370.00
23	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-2, (9" THICK))	SF	167	\$35.00	\$5,845.00	\$40.00	\$6,680.00
24	CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER COP STD DTL P1241-1, (4" THICK))	SF	235	\$30.00	\$7,050.00	\$35.00	\$8,225.00

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25	CONCRETE DRIVEWAY ENTRANCE, COP STD DTL P1255-1	SF	137	\$24.00	\$3,288.00	\$28.00	\$3,836.00
26	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	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	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
29	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	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	ADJUST EXISTING FIRE HYDRANTS	EA	1	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
32	ADJUST EXISTING ELECTRIC JUNCTION BOX TO GRADE	EA	1	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00
33	REMOVE EXISTING CONCRETE SINGLE CURB, CURB AND GUTTER, ROLL CURB	LF	1412	\$12.00	\$16,944.00	\$25.00	\$35,300.00
34	REMOVE EXISTING CONCRETE SIDEWALK, MEDIAN NOSE, VALLEY GUTTER, & SLABS	SF	9295	\$7.00	\$65,065.00	\$10.00	\$92,950.00
35	REMOVE EXISTING CONCRETE PAVERS AND BASE SLAB	SF	400	\$6.00	\$2,400.00	\$15.00	\$6,000.00
36	REMOVE CATCH BASIN	EA	2	\$2,600.00	\$5,200.00	\$3,000.00	\$6,000.00

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37	REMOVE EXISTING PIPE, BACKFILL & COMPACT	LF	51	\$55.00	\$2,805.00	\$50.00	\$2,550.00
38	REMOVE EXISTING CONCRETE WALL	LF	8	\$200.00	\$1,600.00	\$150.00	\$1,200.00
39	REMOVE EXISTING TREE (>12" DIAMETER)	EA	1	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
40	MISCELLANEOUS REMOVALS AND OTHER WORK (12 LOCATIONS)	JOB	1	\$74,750.00	\$74,750.00	\$74,750.00	\$74,750.00
41	OBLITERATE EXISTING PAVEMENT MARKINGS (12 LOCATIONS)	JOB	1	\$45,500.00	\$45,500.00	\$45,500.00	\$45,500.00
42	REMOVE EXISTING STREETLIGHT MAST ARM & LUMINAIRE ONLY & RETURN TO COP	EA	1	\$1,000.00	\$1,000.00	\$800.00	\$800.00
43	REMOVE EXISTING STREETLIGHT (INCLUDING FOUNDATION & RETURN TO COP)	EA	6	\$3,500.00	\$21,000.00	\$2,750.00	\$16,500.00
44	EXISTING STREETLIGHT/LUMINAIRE DE-ENERGIZATION COORDINATION	LS	1	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
45	TRAFFIC SIGNAL CONDUCTORS (12 LOCATIONS)	LS	1	\$195,000.00	\$195,000.00	\$333,600.00	\$333,600.00
46	TRAFFIC CONTROL DEVICES (12 LOCATIONS)	LS	1	\$201,500.00	\$201,500.00	\$800,000.00	\$800,000.00
47	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	DECOMPOSED GRANITE, 3/4" MINUS FOR GENERAL LANDSCAPE	CY	26	\$55.00	\$1,430.00	\$400.00	\$10,400.00

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49	LANDSCAPE AND IRRIGATION RESTORATION (12 LOCATIONS)	LS	1	\$24,000.00	\$24,000.00	\$60,000.00	\$60,000.00
50	1" SCH 40 PVC CONDUIT	LF	80	\$20.00	\$1,600.00	\$37.50	\$3,000.00
51	2" SCH 40 PVC CONDUIT	LF	1055	\$26.00	\$27,430.00	\$40.00	\$42,200.00
52	2 1/2" SCH 40 PVC CONDUIT	LF	5330	\$52.00	\$277,160.00	\$112.00	\$596,960.00
53	TRAFFIC SIGNAL, NO. 7 JUNCTION BOX	EA	25	\$2,000.00	\$50,000.00	\$1,550.00	\$38,750.00
54	TRAFFIC SIGNAL, NO. 4 JUNCTION BOX	EA	1	\$2,000.00	\$2,000.00	\$1,330.00	\$1,330.00
55	FOUNDATION FOR TYPE AP POLE	EA	3	\$4,000.00	\$12,000.00	\$5,010.00	\$15,030.00
56	FOUNDATION FOR TYPE GP POLE	EA	3	\$4,500.00	\$13,500.00	\$5,445.00	\$16,335.00
57	FOUNDATION FOR TYPE LP POLE	EA	4	\$5,300.00	\$21,200.00	\$7,150.00	\$28,600.00
58	FOUNDATION FOR TYPE P45 POLE	EA	4	\$9,000.00	\$36,000.00	\$13,200.00	\$52,800.00
59	FOUNDATION FOR TYPE P70 POLE	EA	12	\$14,000.00	\$168,000.00	\$21,275.00	\$255,300.00
60	FOUNDATION FOR POWER PEDESTAL TYPE 'B'	EA	12	\$2,900.00	\$34,800.00	\$1,540.00	\$18,480.00

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61	FOUNDATION FOR TRAFFIC SIGNAL CONTROLLER CABINET	EA	12	\$2,000.00	\$24,000.00	\$2,365.00	\$28,380.00
62	APS PEDESTRIAN PUSH BUTTON	EA	24	\$1,435.00	\$34,440.00	\$2,400.00	\$57,600.00
63	COP LUMINAIRE MAST ARM	EA	33	\$900.00	\$29,700.00	\$800.00	\$26,400.00
64	5' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	5	\$1,400.00	\$7,000.00	\$1,650.00	\$8,250.00
65	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	20' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	7	\$2,000.00	\$14,000.00	\$2,700.00	\$18,900.00
67	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	TYPE AP POLE - 15'	EA	3	\$4,500.00	\$13,500.00	\$4,600.00	\$13,800.00
69	TYPE BP POLE IN SIDEWALK	EA	2	\$3,800.00	\$7,600.00	\$2,915.00	\$5,830.00
70	TYPE GP POLE	EA	3	\$5,000.00	\$15,000.00	\$7,150.00	\$21,450.00
71	TYPE LP POLE	EA	4	\$5,500.00	\$22,000.00	\$8,010.00	\$32,040.00
72	TYPE P45 POLE	EA	4	\$10,000.00	\$40,000.00	\$24,800.00	\$99,200.00

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73	TYPE P70 POLE	EA	12	\$18,500.00	\$222,000.00	\$36,000.00	\$432,000.00
74	30' PRIMARY MAST ARM FOR P45 POLE (M30P45)	EA	4	\$12,000.00	\$48,000.00	\$19,875.00	\$79,500.00
75	40' PRIMARY MAST ARM FOR P70 POLE (M40P70)		3	\$13,000.00	\$39,000.00	\$26,950.00	\$80,850.00
76	55' PRIMARY MAST ARM FOR P70 POLE (M55P70)	EA	9	\$18,500.00	\$166,500.00	\$33,000.00	\$297,000.00
77	5' MAST ARM EXTENSION FOR P45/P70 POLE (E5)	EA	2	\$1,300.00	\$2,600.00	\$2,000.00	\$4,000.00
78	10' MAST ARM EXTENSION FOR P45/P70 POLE (E10)	EA	7	\$1,800.00	\$12,600.00	\$2,400.00	\$16,800.00
79	15' MAST ARM EXTENSION FOR P45/P70 POLE (E15)	EA	5	\$2,500.00	\$12,500.00	\$3,495.00	\$17,475.00
80	DAMPER	EA	16	\$1,200.00	\$19,200.00	\$2,765.00	\$44,240.00
81	TYPE 'B' ELECTRICAL POWER SERVICE PEDESTAL WITH BATTERY BACKUP	EA	12	\$15,000.00	\$180,000.00	\$19,970.00	\$239,640.00
82	TRAFFIC SIGNAL CONTROLLER CABINET	EA	12	\$55,000.00	\$660,000.00	\$58,500.00	\$702,000.00
83	PEDESTRIAN SIGNAL HEAD, LED	EA	24	\$1,900.00	\$45,600.00	\$1,350.00	\$32,400.00
84	TYPE T - 3 SECTION 12" HAWK SIGNAL HEAD	EA	24	\$1,400.00	\$33,600.00	\$1,770.00	\$42,480.00

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85	TYPE T1 - 3 SECTION 12" HAWK SIGNAL HEAD	EA	73	\$1,500.00	\$109,500.00	\$1,860.00	\$135,780.00
86	LED TRAFFIC SIGNAL LUMINAIRE	EA	33	\$1,150.00	\$37,950.00	\$1,130.00	\$37,290.00
87	MISCELLANEOUS REMOVAL OF INCIDENTAL TRAFFIC ITEMS (12 LOCATIONS)	LS	1	\$54,600.00	\$54,600.00	\$54,600.00	\$54,600.00
88	CONCRETE CATCH BASIN, TYPE "B", MAG STD DTL 531	EA	1	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00
89	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	CONNECTION TO EXISTING 4" WATERLINE	EA	3	\$6,300.00	\$18,900.00	\$5,000.00	\$15,000.00
91	CONNECTION TO EXISTING 6" WATERLINE	EA	2	\$6,300.00	\$12,600.00	\$5,000.00	\$10,000.00
92	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	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	4" DUCTILE IRON WATER PIPE & FITTINGS, RESTRAINED, FURNISH & INSTALL	LF	3	\$175.00	\$525.00	\$2,000.00	\$6,000.00
95	6" DUCTILE IRON WATER PIPE & FITTINGS, RESTRAINED, FURNISH & INSTALL	LF	32	\$210.00	\$6,720.00	\$600.00	\$19,200.00
96	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	REMOVE EXISTING VALVE BOX & COVER	EA	3	\$1,300.00	\$3,900.00	\$3,000.00	\$9,000.00
98	FIRE HYDRANT FURNISHED BY THE CITY OF PHOENIX, INSTALL	EA	2	\$10,500.00	\$21,000.00	\$4,500.00	\$9,000.00
99	FIRE HYDRANT, SALVAGE & DELIVER TO THE CITY OF PHOENIX	EA	2	\$2,000.00	\$4,000.00	\$1,750.00	\$3,500.00
100	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	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	15" STORM SEWER PIPE	LF	10	\$225.00	\$2,250.00	\$650.00	\$6,500.00
103	30" STORM SEWER PIPE	LF	10	\$400.00	\$4,000.00	\$850.00	\$8,500.00
104	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	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	DEBRIS CAP INCLUDING LOCATOR COIL, FURNISHED BY CITY OF PHOENIX, INSTALL	EA	20	\$750.00	\$15,000.00	\$100.00	\$2,000.00
107	WIRELESS NETWORK RADIO	EA	12	\$10,000.00	\$120,000.00	\$9,750.00	\$117,000.00
108	PTZ CCTV	EA	12	\$6,000.00	\$72,000.00	\$5,750.00	\$69,000.00

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GRAND TOTALS					\$4,854,919.50		\$6,855,362.00