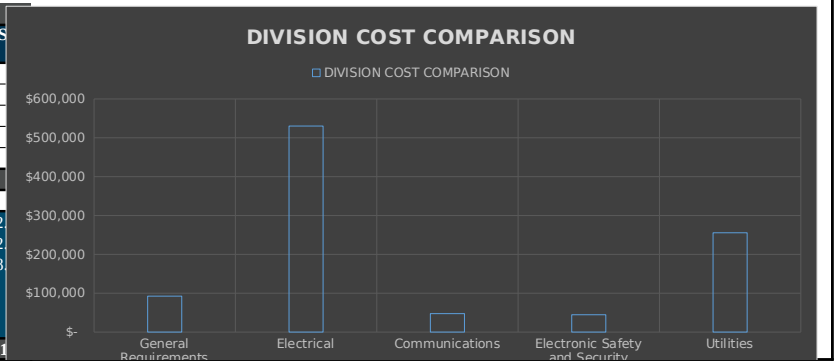
GENERAL SUMMARY

Prepared for: Metro Air Park Fire Station #44, 7305 Metro Air Parkway, Sacramento, CA
Project ID: 7112026
Scope: Electrical
No. Of Floors: 1
Date: 09/28/26

ELECTRICAL ESTIMATION
+1 708-381-0900

BUILDING GSF 11,585

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 92,500	$
26000	Electrical	$ 530,217	$
27000	Communications	$ 47,485	$
28000	Electronic Safety and Security	$ 44,613	$
33000	Utilities	$ 255,573	$
	TOTAL TRADE COST	**$ 970,388**	**$**
OVERHEAD	**15%**	$ 145,558	$ 12
PROFIT	**15%**	$ 145,558	$ 12
SUB-CONTRACTOR MARGIN	**10%**	$ 50,083	$ 8
INSURANCE	**3%**	$ 29,112	$
CONTINGENCY	**5%**	$ 48,519	$
TAX	**7.75%**	$ 29,222	$
	SUGGESTED BID	**$ 1,418,440**	**$ 1**



ELECTRICAL ESTIMATION

DETAILED BREAKDOWN OF ITEMS

Prepared for: Metro Air Park Fire Station #44, 7305 Metro Air Parkway, Sacramento, CA
Project ID: 7112026
Scope: Electrical

ELECTRICAL ESTIMATION
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Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 35,000.00	$ 35,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 4,500.00	$ 4,500.00
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 3,000.00	$ 3,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 20,000.00	$ 20,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 30,000.00	$ 30,000.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 92,500**
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
8			1" EMT Conduit	LF	353	10%	388	0.070	$ 179.00	$ 12.53	$ 2.85	$ 15.38	$ 5,972.05
9			1-1/4" EMT Conduit	LF	62	10%	68	0.080	$ 179.00	$ 14.32	$ 4.25	$ 18.57	$ 1,266.47
10			2" EMT Conduit	LF	232	10%	255	0.100	$ 179.00	$ 17.90	$ 6.25	$ 24.15	$ 6,163.08
11			3" EMT Conduit	LF	56	10%	62	0.160	$ 179.00	$ 28.64	$ 8.98	$ 37.62	$ 2,317.39
12			1" RGS Conduit	LF	21	10%	23	0.123	$ 179.00	$ 22.02	$ 5.85	$ 27.87	$ 643.73
			CONDUCTOR										
13			#10 CU THHN/THWN	LF	373	10%	410	0.008	$ 179.00	$ 1.43	$ 0.44	$ 1.87	$ 768.08
14			#8 CU THHN/THWN	LF	881	10%	969	0.010	$ 179.00	$ 1.79	$ 0.75	$ 2.54	$ 2,461.51
15			#6 CU THHN/THWN	LF	532	10%	585	0.012	$ 179.00	$ 2.15	$ 1.15	$ 3.30	$ 1,929.99
16			#4 CU THHN/THWN	LF	186	10%	205	0.015	$ 179.00	$ 2.69	$ 1.72	$ 4.41	$ 901.26
17			#1 CU THHN/THWN	LF	56	10%	62	0.020	$ 179.00	$ 3.58	$ 3.10	$ 6.68	$ 411.49
18			#3/0 CU THHN/THWN	LF	928	10%	1021	0.032	$ 179.00	$ 5.73	$ 6.15	$ 11.88	$ 12,125.06
19			#350 KCMIL CU THHN/THWN	LF	224	10%	246	0.044	$ 179.00	$ 7.88	$ 12.75	$ 20.63	$ 5,082.25
			LUGS										
20			Compression Lug CU With 1-Hole , #8 CU Wire	EA	26	0%	26	0.152	$ 179.00	$ 27.21	$ 2.82	$ 30.03	$ 780.73
21			Heat Shrink Tubing for #8 CU Wire	EA	26	0%	26	0.030	$ 179.00	$ 5.37	$ 0.75	$ 6.12	$ 159.12
22			Compression Lug CU With 1-Hole , #6 CU Wire	EA	14	0%	14	0.185	$ 179.00	$ 33.12	$ 3.25	$ 36.37	$ 509.11
23			Heat Shrink Tubing for #6 CU Wire	EA	14	0%	14	0.050	$ 179.00	$ 8.95	$ 0.98	$ 9.93	$ 139.02
24			Compression Lug CU With 1-Hole , #4 CU Wire	EA	6	0%	6	0.210	$ 179.00	$ 37.59	$ 2.32	$ 39.91	$ 239.46
25			Heat Shrink Tubing for #4 CU Wire	EA	6	0%	6	0.055	$ 179.00	$ 9.85	$ 0.99	$ 10.84	$ 65.01
26			Compression Lug CU With 1-Hole , #1 CU Wire	EA	8	0%	8	0.385	$ 179.00	$ 68.92	$ 8.56	$ 77.48	$ 619.80
27			Heat Shrink Tubing for #1 CU Wire	EA	8	0%	8	0.120	$ 179.00	$ 21.48	$ 1.73	$ 23.21	$ 185.68
28			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	32	0%	32	0.452	$ 179.00	$ 80.91	$ 10.64	$ 91.55	$ 2,929.54
29			Heat Shrink Tubing for #3/0 CU Wire	EA	32	0%	32	0.180	$ 179.00	$ 32.22	$ 3.78	$ 36.00	$ 1,152.00
30			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	32	0%	32	0.598	$ 179.00	$ 107.04	$ 35.16	$ 142.20	$ 4,550.46
31			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	32	0%	32	0.220	$ 179.00	$ 39.38	$ 4.21	$ 43.59	$ 1,394.88
			CIRCUIT BREAKER										
32			1P/15A Breaker	EA	3	0%	3	0.325	$ 179.00	$ 58.18	$ 28.00	$ 86.18	$ 258.53
33			1P/20A Breaker	EA	83	0%	83	0.330	$ 179.00	$ 59.07	$ 33.00	$ 92.07	$ 7,641.81
34			1P/30A Breaker	EA	6	0%	6	0.342	$ 179.00	$ 61.22	$ 42.23	$ 103.45	$ 620.69
35			2P/15A Breaker	EA	3	0%	3	0.421	$ 179.00	$ 75.36	$ 37.00	$ 112.36	$ 337.08
36			2P/20A Breaker	EA	4	0%	4	0.430	$ 179.00	$ 76.97	$ 45.20	$ 122.17	$ 488.68
37			2P/30A Breaker	EA	4	0%	4	0.465	$ 179.00	$ 83.24	$ 82.24	$ 165.48	$ 661.90
38			2P/35A Breaker	EA	1	0%	1	0.488	$ 179.00	$ 87.35	$ 100.80	$ 188.15	$ 188.15
39			2P/40A Breaker	EA	4	0%	4	0.500	$ 179.00	$ 89.50	$ 116.76	$ 206.26	$ 825.04
40			3P/15A Breaker	EA	6	0%	6	0.500	$ 179.00	$ 89.50	$ 52.00	$ 141.50	$ 849.00
41			3P/20A Breaker	EA	1	0%	1	0.511	$ 179.00	$ 91.47	$ 70.81	$ 162.28	$ 162.28
42			3P/35A Breaker	EA	4	0%	4	0.532	$ 179.00	$ 95.23	$ 106.40	$ 201.63	$ 806.51
43			3P/50A Breaker	EA	1	0%	1	0.556	$ 179.00	$ 99.52	$ 156.56	$ 256.08	$ 256.08
44			3P/70A Breaker	EA	1	0%	1	0.620	$ 179.00	$ 110.98	$ 359.99	$ 470.97	$ 470.97
45			3P/200A Breaker	EA	4	0%	4	1.200	$ 179.00	$ 214.80	$ 810.00	$ 1,024.80	$ 4,099.20
46			3P/600A Breaker	EA	1	0%	1	2.652	$ 179.00	$ 474.71	$ 1,895.94	$ 2,370.65	$ 2,370.65
47			3P/800A Breaker	EA	1	0%	1	3.000	$ 179.00	$ 537.00	$ 2,295.15	$ 2,832.15	$ 2,832.15
			PANEL										
48			Panel A: 600A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Surface Mounted, NEMA-1	EA	1	0%	1	12.250	$ 179.00	$ 2,192.75	$ 5,900.00	$ 8,092.75	$ 8,092.75
49			Panel AC: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Surface Mounted, NEMA-1	EA	1	0%	1	3.250	$ 179.00	$ 581.75	$ 985.00	$ 1,566.75	$ 1,566.75
50			Panel B: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Recessed Mounted, NEMA-1	EA	1	0%	1	3.250	$ 179.00	$ 581.75	$ 985.00	$ 1,566.75	$ 1,566.75
51			Panel C: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Recessed Mounted, NEMA-1	EA	1	0%	1	3.250	$ 179.00	$ 581.75	$ 985.00	$ 1,566.75	$ 1,566.75
52			Panel D: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Recessed Mounted, NEMA-1	EA	1	0%	1	3.250	$ 179.00	$ 581.75	$ 985.00	$ 1,566.75	$ 1,566.75
53			Panel MSB: 800A, 120/208V, 3PH, 4W, 65KAIC	EA	1	0%	1	18.250	$ 179.00	$ 3,266.75	$ 11,325.35	$ 14,592.10	$ 14,592.10
			DEVICES										
54			3P/600A Solid Neutral ATS	EA	1	0%	1	9.250	$ 179.00	$ 1,655.75	$ 6,906.94	$ 8,562.69	$ 8,562.69
55			800A Meter	EA	1	0%	1	4.250	$ 179.00	$ 760.75	$ 1,520.00	$ 2,280.75	$ 2,280.75
			DISCONNECT SWITCH										
56			2P/15A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	2	0%	2	1.520	$ 179.00	$ 272.08	$ 185.25	$ 457.33	$ 914.66
57			2P/30A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	3	0%	3	1.520	$ 179.00	$ 272.08	$ 210.00	$ 482.08	$ 1,446.24
58			2P/35A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	1	0%	1	1.550	$ 179.00	$ 277.45	$ 235.25	$ 512.70	$ 512.70
59		Rating Assumed From Panel	3P/15A Disconnect Switch, WP, NEMA 3R	EA	1	0%	1	1.750	$ 179.00	$ 313.25	$ 225.00	$ 538.25	$ 538.25
60			3P/20A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	1	0%	1	1.750	$ 179.00	$ 313.25	$ 245.00	$ 558.25	$ 558.25
61			3P/35A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	3	0%	3	1.750	$ 179.00	$ 313.25	$ 268.00	$ 581.25	$ 1,743.75
62			3P/50A Disconnect Switch, WP, NEMA 3R	EA	1	0%	1	1.750	$ 179.00	$ 313.25	$ 320.00	$ 633.25	$ 633.25
63			3P/70A Heavy Duty Safety Type Fused Disconnect Switch	EA	1	0%	1	1.750	$ 179.00	$ 313.25	$ 398.00	$ 711.25	$ 711.25
			GROUNDING										
64			3/4" X 10' CU Grounding Rod	EA	1	0%	1	0.520	$ 179.00	$ 93.08	$ 52.25	$ 145.33	$ 145.33
65			Ground Busbar	EA	2	0%	2	2.325	$ 179.00	$ 416.18	$ 102.25	$ 518.43	$ 1,036.85
66			Neutral Busbar	EA	1	0%	1	0.850	$ 179.00	$ 152.15	$ 85.25	$ 237.40	$ 237.40
67			#6 CU Grounding Conductor	LF	20	10%	22	0.012	$ 179.00	$ 2.15	$ 1.15	$ 3.30	$ 72.56
68			#3/0 CU Grounding Conductor	LF	40	10%	44	0.032	$ 179.00	$ 5.73	$ 6.15	$ 11.88	$ 522.63
			POWER										
			CONDUIT										
69			3/4" EMT Conduit	LF	7013	10%	7714	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 101,266.40
70			1" EMT Conduit	LF	10	10%	11	0.070	$ 179.00	$ 12.53	$ 2.85	$ 15.38	$ 162.58
71			3/4" RGS Conduit	LF	29	10%	32	0.100	$ 179.00	$ 17.90	$ 4.02	$ 21.92	$ 699.25
72			3/4" PVC SCH 40 Conduit	LF	28	10%	30	0.052	$ 179.00	$ 9.31	$ 1.10	$ 10.41	$ 316.79
			CONDUCTOR										
73			#12 CU THHN/THWN	LF	15262	10%	16788	0.007	$ 179.00	$ 1.25	$ 0.29	$ 1.54	$ 25,904.18
74			#10 CU THHN/THWN	LF	6174	10%	6791	0.008	$ 179.00	$ 1.43	$ 0.44	$ 1.87	$ 12,713.27
75			#8 CU THHN/THWN	LF	29	10%	32	0.010	$ 179.00	$ 1.79	$ 0.75	$ 2.54	$ 80.55
			DEVICE										
76			208V, 3 Ph Receptacle Outlet	EA	1	0%	1	0.352	$ 179.00	$ 63.01	$ 22.99	$ 86.00	$ 86.00
77			2P/30A Receptacle Outlet	EA	1	0%	1	0.355	$ 179.00	$ 63.55	$ 24.73	$ 88.28	$ 88.28
78			3P/35A Receptacle Outlet	EA	1	0%	1	0.358	$ 179.00	$ 64.08	$ 26.81	$ 90.89	$ 90.89
79			Combo Duplex Receptacle/USB Outlet, AFCI	EA	13	0%	13	0.421	$ 179.00	$ 75.36	$ 52.99	$ 128.35	$ 1,668.54
80			Duplex Receptacle	EA	11	0%	11	0.320	$ 179.00	$ 57.28	$ 13.68	$ 70.96	$ 780.56
81			Duplex Receptacle Floor Outlet With Brass Trim	EA	1	0%	1	1.523	$ 179.00	$ 272.62	$ 207.95	$ 480.57	$ 480.57
82			Duplex Receptacle Outlet	EA	47	0%	47	0.320	$ 179.00	$ 57.28	$ 13.68	$ 70.96	$ 3,335.12
83			Duplex Receptacle Outlet, AFCI	EA	1	0%	1	0.335	$ 179.00	$ 59.97	$ 24.62	$ 84.59	$ 84.59
84			Duplex Receptacle Outlet, GFCI	EA	6	0%	6	0.352	$ 179.00	$ 63.01	$ 26.54	$ 89.55	$ 537.29
85			Duplex Receptacle Outlet, GFCI, Above Counter	EA	13	0%	13	0.375	$ 179.00	$ 67.13	$ 26.54	$ 93.67	$ 1,217.65
86	E2.1, E2.2, E3.1, E3.2, E3.3, E4.1 & E4.2		Duplex Receptacle Outlet, GFCI, WP	EA	7	0%	7	0.410	$ 179.00	$ 73.39	$ 31.03	$ 104.42	$ 730.94
87			Exhaust Fan Connection	EA	9	0%	9	0.750	$ 179.00	$ 134.25	$ -	$ 134.25	$ 1,208.25
88			Fourplex Receptacle Outlet	EA	6	0%	6	0.523	$ 179.00	$ 93.62	$ 48.39	$ 142.01	$ 852.04
89			Shut-Off Switch For Motorize Gate	EA	1	0%	1	0.852	$ 179.00	$ 152.51	$ 197.34	$ 349.85	$ 349.85
90			Single Pole Switch	EA	22	0%	22	0.225	$ 179.00	$ 40.28	$ 12.28	$ 52.56	$ 1,156.21
91			Single Receptacle Outlet	EA	9	0%	9	0.252	$ 179.00	$ 45.11	$ 13.13	$ 58.24	$ 524.14
92			14' Dia. Ceiling Fan: ~14' Dia. Ceiling Fan, BIG ASS FANS ESSENCE 14' Mounting: Ceiling Surface Watts: 700 W Remarks: Controlled By BAF Electronic Wall Controller.	EA	1	0%	1	7.050	$ 179.00	$ 1,261.95	$ 5,799.00	$ 7,060.95	$ 7,060.95
93			54" Dia. Ceiling Fan: 54" Dia. Ceiling Fan, BIG ASS FANS HAIKU L SERIES Mounting: Ceiling Surface Watts: 45 W Remarks: Controlled By BAF Haiku L Series Wall Mounted Switch.	EA	6	0%	6	4.500	$ 179.00	$ 805.50	$ 899.00	$ 1,704.50	$ 10,227.00
94			8' Dia. Ceiling Fan: ~8' Dia. Ceiling Fan, BIG ASS FANS ESSENCE 8' Mounting: Ceiling Surface Watts: 500 W Remarks: Controlled By BAF Multi-Speed Wall Controller.	EA	3	0%	3	5.500	$ 179.00	$ 984.50	$ 5,199.00	$ 6,183.50	$ 18,550.50
			LIGHTING										

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			CONDUIT										
95			3/4" EMT Conduit	LF	581	10%	639	0.062	$ 179.00	$ 11.10	$ 1.70	$ 12.80	$ 8,172.73
96			1" EMT Conduit	LF	2502	10%	2752	0.070	$ 179.00	$ 12.53	$ 3.10	$ 15.63	$ 43,014.65
			CONDUCTOR										
97			#12 CU THHN/THWN	LF	813	10%	895	0.007	$ 179.00	$ 1.25	$ 0.29	$ 1.54	$ 1,380.67
98			#10 CU THHN/THWN	LF	3430	10%	3773	0.008	$ 179.00	$ 1.43	$ 0.44	$ 1.87	$ 7,063.14
99			#8 CU THHN/THWN	LF	5604	10%	6164	0.010	$ 179.00	$ 1.79	$ 0.75	$ 2.54	$ 15,656.85
			LIGHTING FIXTURES										
100			A: 2'x2' Led Architectural Troffer, H. E. WILLIAMS AT1-22-L40/835-D-PIM-120 Mounting: Ceiling Lay-In Watts: 43 W Remarks: Not Specified	EA	14	0%	14	1.000	$ 179.00	$ 179.00	$ 298.25	$ 477.25	$ 6,681.50
101			D: 4" Dia. Led Downlight, LITHONIA LDN4 35/10 LO4 AR LSS 120V EZ1 Mounting: Ceiling Recessed Watts: 11 W Remarks: Not Specified	EA	48	0%	48	0.859	$ 179.00	$ 153.76	$ 225.40	$ 379.16	$ 18,199.73
102			B1: 4'x4' Led Linear Recessed, FINELITE HP-4 R-D-4'-V-835-F-96LG-120-SC-FC10%-C2-FE-OBO Mounting: Recessed Watts: 38 W Remarks: Includes Integral Occupancy Sensor.	EA	8	0%	8	2.485	$ 179.00	$ 444.82	$ 922.81	$ 1,367.63	$ 10,941.00
103			B3: 8'x4' Led Linear Recessed, FINELITE HP-4 R-D-8'-V-835-F-96LG-120-SC-FC10%-C2-FE-OBO Mounting: Recessed Watts: 75 W Remarks: Includes Integral Occupancy Sensor.	EA	6	0%	6	3.562	$ 179.00	$ 637.60	$ 1,845.62	$ 2,483.22	$ 14,899.31
104			C1: 4' Led Wraparound, KENALL MLHA12-48-F-MW-PP-45L40K-DCC-120 Mounting: Ceiling Surface Watts: 58 W Remarks: Not Specified	EA	2	0%	2	1.250	$ 179.00	$ 223.75	$ 398.25	$ 622.00	$ 1,244.00
105			C2: 8' Led Wraparound, KENALL MLHA12-96-F-MW-PP-45L40K-DCC-1-120 Mounting: Ceiling Surface Watts: 98 W Remarks: Not Specified	EA	7	0%	7	1.650	$ 179.00	$ 295.35	$ 710.00	$ 1,005.35	$ 7,037.45
106			E1: 4' Led Strip, DAY-BRITE LF4FR2035UDZT Mounting: Surface Watts: 30 W Remarks: To Be Wall Mounted Above Mirrors In Restrooms And Surface Mounted At Other Locations.	EA	5	0%	5	0.752	$ 179.00	$ 134.61	$ 121.16	$ 255.77	$ 1,278.84
107			E2: 8' Led Strip, DAY-BRITE LF8FR3035UDZT Mounting: Ceiling Pendant Watts: 66 W Remarks: Number Of LFCPL (Continuous Row Joiners) As Required Per Plans.	EA	28	0%	28	0.886	$ 179.00	$ 158.59	$ 242.32	$ 400.91	$ 11,225.59
108			G: Led Flexible Task Light, ACCESS LIGHTING - BUNK 6200LED-BRZ* Mounting: Wall Surface Watts: 4 W Remarks: Verify Finish Color With Architect. Verify/Coordinate Exact Mounting Height And Location With Furniture.	EA	13	0%	13	0.815	$ 179.00	$ 145.89	$ 156.00	$ 301.89	$ 3,924.51
109			J: Led Exterior Wall Light With Emergency Battery Backup, LITHONIA WDGE1 LED P1 40K 80	EA	7	0%	7	1.875	$ 179.00	$ 335.63	$ 731.89	$ 1,067.52	$ 7,472.61
110			K: 8"x15" Exterior Led Wall Sconce, KENALL FS512R-2TB-MPA-BR*-QL40K-1-120 Mounting: Exterior Wall Surface Watts: 9 W Remarks: Verify Finish Color With Architect.	EA	14	0%	14	1.250	$ 179.00	$ 223.75	$ 485.25	$ 709.00	$ 9,926.00
111			R: Led Wall Sconce With Red Lens, TERON LIGHTING - GUARDIAN GRDW16 L18.0-TE500 120-277V CNL BZ* 40K CUSTOM RED LENS Mounting: Exterior Wall At Front Bay Doors Watts: 18 W Remarks: Verify Finish Color With Architect.	EA	2	0%	2	1.320	$ 179.00	$ 236.28	$ 625.00	$ 861.28	$ 1,722.56
112			T: Led Wall Sconce (Motion Response), GARDCO 121-MR-4-75LA-CW-UNIV-BRP*Mounting:	EA	7	0%	7	1.624	$ 179.00	$ 290.70	$ 699.50	$ 990.20	$ 6,931.37
113			V: Indoor Led Louvered Step Light, INTRIGUE LIGHTING SGH-NC-LED-SG-R-1LED-HDL-OLP-UNV-BRZ*-SGTR Mounting: Recessed In Wall At 18" Aft Watts: 14 W Remarks: Verify Finish Color With Architect.	EA	8	0%	8	1.213	$ 179.00	$ 217.13	$ 385.25	$ 602.38	$ 4,819.02
114			W: Led Directional Sign Flood Light, LITHONIA OLFB 8 50K DDBMounting: Wall Or Ground M	EA	5	0%	5	0.832	$ 179.00	$ 148.93	$ 214.84	$ 363.77	$ 1,818.84
115			W1: Led Spot Light For Flag, LITHONIA OLBS 8 50K DDBMounting: Low Wall Mounted For Fl	EA	2	0%	2	0.715	$ 179.00	$ 127.99	$ 198.03	$ 326.02	$ 652.03
116			W2: Led Flood Light For Facade At Vehicle Door, WAC LIGHTING WP-LED354-35-*-WNT PH	EA	4	0%	4	1.052	$ 179.00	$ 188.31	$ 271.90	$ 460.21	$ 1,840.83
117			X: Exit Sign/Emergency Light Combination, EMERGI-LITE NPR612H462LBMounting: Universa	EA	14	0%	14	0.889	$ 179.00	$ 159.13	$ 287.85	$ 446.98	$ 6,257.73
			LIGHTING CONTROL										
118			4Way Dimmer Switch	EA	3	0%	3	0.521	$ 179.00	$ 93.26	$ 49.99	$ 143.25	$ 429.75
119			Ceiling Mounted Vacancy Sensor, With Power Pack For Each Chain Of Sensors	EA	3	0%	3	0.852	$ 179.00	$ 152.51	$ 122.75	$ 275.26	$ 825.77
120			Dimming Switch 20A, 120-277V	EA	12	0%	12	0.325	$ 179.00	$ 58.18	$ 62.95	$ 121.13	$ 1,453.50
121			LCC, Lighting Control Cabinet	EA	1	0%	1	2.235	$ 179.00	$ 400.07	$ 1,076.10	$ 1,476.17	$ 1,476.17
122			LCP, Lighting Control Panel, WATT STOPPER PEANUT PANEL, #LP8F	EA	1	0%	1	2.685	$ 179.00	$ 480.62	$ 2,657.00	$ 3,137.62	$ 3,137.62
123			Multi-Speed Fan Controller, Wall Mounted	EA	9	0%	9	0.859	$ 179.00	$ 153.76	$ 312.23	$ 465.99	$ 4,193.92
124		**Assumed**	RD: Radar Detector	EA	1	0%	1	1.421	$ 179.00	$ 254.36	$ 549.99	$ 804.35	$ 804.35
125			Single Pole Toggle Switch	EA	2	0%	2	0.205	$ 179.00	$ 36.70	$ 9.38	$ 46.08	$ 92.15
126			Single Pole Vacancy Sensor Dimmer Switch Wall Mounted	EA	11	0%	11	0.625	$ 179.00	$ 111.88	$ 52.59	$ 164.47	$ 1,809.12
127			Single Pole Vacancy Sensor Switch Wall Mounted	EA	8	0%	8	0.512	$ 179.00	$ 91.65	$ 42.88	$ 134.53	$ 1,076.22
128			Single Pole Vacancy Sensor/Timer Switch	EA	18	0%	18	0.612	$ 179.00	$ 109.55	$ 60.59	$ 170.14	$ 3,062.48
129			Three Way Dimmer Toggle Switch, 20A, 120-277V	EA	8	0%	8	0.365	$ 179.00	$ 65.34	$ 26.75	$ 92.09	$ 736.68
130			Three Way Toggle Switch, 20A, 120-277V	EA	2	0%	2	0.365	$ 179.00	$ 65.34	$ 25.58	$ 90.92	$ 181.83
			MISCELLANEOUS										
131			4" Square Ceiling Mounted Junction Box	EA	13	0%	13	0.245	$ 179.00	$ 43.86	$ 4.50	$ 48.36	$ 628.62
132			Junction Box	EA	66	0%	66	0.220	$ 179.00	$ 39.38	$ 4.50	$ 43.88	$ 2,896.08
			SAW CUT										
133			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	21	0%	21	0.152	$ 179.00	$ 27.21	$ -	$ 27.21	$ 574.91
												SUBTOTAL	**$ 530,217**
			COMMUNICATION										
			TELECOMMUNICATION										
			CONDUIT										
134			3/4" EMT Conduit Upto Ceiling	LF	480	10%	528	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 6,931.58
135			3/4" PVC SCH 40 Conduit	LF	7	10%	8	0.052	$ 179.00	$ 9.31	$ 1.10	$ 10.41	$ 80.83
			CONDUCTOR										
136			CAT6 Cable	LF	4940	10%	5434	0.013	$ 179.00	$ 2.33	$ 0.30	$ 2.63	$ 14,280.82
137			Coaxial Cable	LF	151	10%	166	0.014	$ 179.00	$ 2.51	$ 0.34	$ 2.85	$ 472.50
			J-HOOK										
138			2" J-Hook	EA	75	0%	75	0.120	$ 179.00	$ 21.48	$ 1.20	$ 22.68	$ 1,701.00
			DEVICES										
139			8' Tall x 3/4" Thick Plywood Telephone Terminal Backboard With Fire Retardant Paint	LF	20	0%	20	0.096	$ 179.00	$ 17.18	$ 5.76	$ 22.94	$ 460.03
140			Telephone Outlet	EA	3	0%	3	0.225	$ 179.00	$ 40.28	$ 10.57	$ 50.85	$ 152.54
			RJ45 Connector	EA	3	0%	3	0.100	$ 179.00	$ 17.90	$ 1.00	$ 18.90	$ 56.70
			Backbox	EA	3	0%	3	0.220	$ 179.00	$ 39.38	$ 4.50	$ 43.88	$ 131.64
			Faceplate	EA	3	0%	3	0.150	$ 179.00	$ 26.85	$ 3.50	$ 30.35	$ 91.05
141			Telephone/Computer Outlet	EA	28	0%	28	0.254	$ 179.00	$ 45.47	$ 13.52	$ 58.99	$ 1,651.61
			RJ45 Connector	EA	56	0%	56	0.100	$ 179.00	$ 17.90	$ 1.00	$ 18.90	$ 1,058.40
			Backbox	EA	28	0%	28	0.220	$ 179.00	$ 39.38	$ 4.50	$ 43.88	$ 1,228.64
			Faceplate	EA	28	0%	28	0.150	$ 179.00	$ 26.85	$ 3.50	$ 30.35	$ 849.80
142			Telephone/Computer Outlet, Floor Mounted	EA	1	0%	1	0.258	$ 179.00	$ 46.18	$ 15.75	$ 61.93	$ 61.93
	E3.1, E3.2, E3.3		RJ45 Connector	EA	2	0%	2	0.100	$ 179.00	$ 17.90	$ 1.00	$ 18.90	$ 37.80
			Floor Box	EA	1	0%	1	1.121	$ 179.00	$ 200.66	$ 150.62	$ 351.28	$ 351.28
			Faceplate	EA	1	0%	1	0.352	$ 179.00	$ 63.01	$ 32.99	$ 96.00	$ 96.00
143			TV Outlet	EA	3	0%	3	0.222	$ 179.00	$ 39.74	$ 9.89	$ 49.63	$ 148.88
			F-Connector	EA	3	0%	3	0.100	$ 179.00	$ 17.90	$ 1.00	$ 18.90	$ 56.70
			Backbox	EA	3	0%	3	0.220	$ 179.00	$ 39.38	$ 4.50	$ 43.88	$ 131.64
			Faceplate	EA	3	0%	3	0.160	$ 179.00	$ 28.64	$ 3.50	$ 32.14	$ 96.42
			SECURITY										
			CONDUIT										
144			3/4" EMT Conduit	LF	448	10%	492	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 6,462.84
			CONDUCTOR										
145			#18 CU THHN/THWN	LF	895	10%	985	0.004	$ 179.00	$ 0.72	$ 0.11	$ 0.83	$ 813.94
			DEVICES										
146			Door Engendering Four Fold Door Control Unit	EA	4	0%	4	2.325	$ 179.00	$ 416.18	$ 1,670.74	$ 2,086.92	$ 8,347.66
147			Single Pole Low Voltage Switch	EA	7	0%	7	0.332	$ 179.00	$ 59.43	$ 13.98	$ 73.41	$ 513.86
			MISCELLANEOUS										
148			Junction Box	EA	24	0%	24	0.220	$ 179.00	$ 39.38	$ 4.50	$ 43.88	$ 1,053.12
149			Pull Box	EA		0%	0	1.410	$ 179.00	$ 252.39	$ 112.47	$ 364.86	$ -
			SAW CUT										
150			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	7	0%	7	0.133	$ 179.00	$ 23.81	$ -	$ 23.81	$ 165.70
												SUBTOTAL	**$ 47,485**
			ELECTRONIC SAFETY AND SECURITY										
			FIRE ALARM										
			CONDUIT										
151			3/4" EMT Conduit	LF	1338	10%	1472	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 19,321.07
			CONDUCTOR										
152			#12 CU THHN/THWN	LF	2676	10%	2943	0.007	$ 179.00	$ 1.25	$ 0.29	$ 1.54	$ 4,541.81
			DEVICES										

Phone: +1 708-381-0900

DETAILED BREAKDOWN OF ITEMS

Prepared for: Metro Air Park Fire Station #44, 7305 Metro Air Parkway, Sacramento, CA
Project ID: 7112026
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
153			Fire Alarm Annunciator Panel	EA	1	0%	1	1.852	$ 179.00	$ 331.51	$ 10.34	$ 341.85	$ 341.85
154			Fire Alarm Control Panel	EA	1	0%	1	2.235	$ 179.00	$ 400.07	$ 1,598.25	$ 1,998.32	$ 1,998.32
155			Fire Alarm Horn/Strobe Device	EA	3	0%	3	0.725	$ 179.00	$ 129.78	$ 97.50	$ 227.28	$ 681.83
156			Fire Alarm Manual Pull Station	EA	1	0%	1	0.665	$ 179.00	$ 119.04	$ 69.73	$ 188.77	$ 188.77
157			Fire Alarm Strobe	EA	9	0%	9	0.485	$ 179.00	$ 86.82	$ 57.43	$ 144.25	$ 1,298.21
158			Fire Alarm Strobe/Horn	EA	9	0%	9	0.725	$ 179.00	$ 129.78	$ 97.50	$ 227.28	$ 2,045.48
159			First Alert / BRK Hardwired Carbon Monoxide Detector With Integral Battery Backup, #C05120B	EA	7	0%	7	0.410	$ 179.00	$ 73.39	$ 34.95	$ 108.34	$ 758.38
160			Manual Pull Station	EA	5	0%	5	0.665	$ 179.00	$ 119.04	$ 69.73	$ 188.77	$ 943.83
161			Smoke Detector With Auxiliary Contacts	EA	9	0%	9	0.521	$ 179.00	$ 93.26	$ 108.49	$ 201.75	$ 1,815.74
			FIRST-IN ALERT SYSTEM										
			CONDUIT										
162			3/4" EMT Conduit With Pull String	LF	14	10%	15	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 198.85
163			1" EMT Conduit With Pull String	LF	300	10%	330	0.070	$ 179.00	$ 12.53	$ 3.10	$ 15.63	$ 5,161.17
164			2" PVC SCH 40 Conduit With Pull String	LF	71	10%	78	0.052	$ 179.00	$ 9.31	$ 3.41	$ 12.72	$ 986.98
			DEVICES										
165			SC: Satellite Controller	EA	17	0%	17	0.000	$ 179.00	$ -	$ -	$ -	$ -
166			EB: Emergency Button	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
167			DB: Doorbell Button	EA	1	0%	1	0.000	$ 179.00	$ -	$ -	$ -	$ -
168			DL: Dorm Light	EA	7	0%	7	0.000	$ 179.00	$ -	$ -	$ -	$ -
169			DR: Dorm Remote	EA	4	0%	4	0.000	$ 179.00	$ -	$ -	$ -	$ -
170	E3.1, E3.2, E3.3, AS1.1 & AS3.1		S: Satellite	EA	7	0%	7	0.000	$ 179.00	$ -	$ -	$ -	$ -
171			HPA AMP Single: High-Powered Amplifier Module Single	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
172			MCU: Master Control Unit	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
173			DLSP: Data Line Surge Protector	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
174			RIU: Radio Isolation Unit	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
175			CR: Control Remote	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
176			AUX: Auxiliary Module	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
177			TIM: Telephone Interface Module	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
178		Furnished & Installed By Westnet	PM UPS: Power Module with UPS - Black (Required Dedicated Circuit 12V)	EA	4	0%	4	0.000	$ 179.00	$ -	$ -	$ -	$ -
179			CI-M: Company Indicator Medium	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
180			TT-M: Turnout Timer Medium	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
181			ASLA: Alerting Strobe Light Adapter	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
182			Outside Speaker- In Conjunction With	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
183			OSA Single: Outside Speaker Audio Module Single	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
184			Spk Omni 8": 8" Omni Directional Speaker	EA	3	0%	3	0.000	$ 179.00	$ -	$ -	$ -	$ -
185			App-Dual-KL 7'-0"	EA	2	0%	2	0.000	$ 179.00	$ -	$ -	$ -	$ -
186			HPA AMP Dual: High-Powered Amplifier Module Dual	EA	1	0%	1	0.000	$ 179.00	$ -	$ -	$ -	$ -
187			HPS: High-Powered Amplified Speaker (In Conjunction with HPA AMP)	EA	1	0%	1	0.000	$ 179.00	$ -	$ -	$ -	$ -
188			T: Acoustic Ceiling Kit	EA	11	0%	11	0.000	$ 179.00	$ -	$ -	$ -	$ -
189			DLT: Dorm Lite Acoustic Ceiling Mount Kit	EA	7	0%	7	0.000	$ 179.00	$ -	$ -	$ -	$ -
190			BK BX DR: Dorm Remote Backbox Provided by Westnet	EA	4	0%	4	0.000	$ 179.00	$ -	$ -	$ -	$ -
191			BK BX ASLF: Custom Backbox Provided by Westnet	EA	1	0%	1	0.000	$ 179.00	$ -	$ -	$ -	$ -
			MISCELLANEOUS										
192			H: 8x10x4 Hoffman Backbox	EA	19	0%	19	0.432	$ 179.00	$ 77.33	$ 50.80	$ 128.13	$ 2,434.43
193			4S: 4" Square Box	EA	6	0%	6	0.220	$ 179.00	$ 39.38	$ 4.50	$ 43.88	$ 263.28
194			4 Square Deep Single Gang Ring Box	EA	3	0%	3	0.332	$ 179.00	$ 59.43	$ 12.70	$ 72.13	$ 216.38
			SAW CUT										
195			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	71	0%	71	0.112	$ 179.00	$ 20.05	$ -	$ 20.05	$ 1,416.99
												SUBTOTAL	$ 44,613
			UTILITIES										
			DISTRIBUTION										
			CONDUIT										
196			1" PVC SCH 40 Conduit With Pull String	LF	110	10%	121	0.025	$ 179.00	$ 4.48	$ 1.47	$ 5.95	$ 719.35
197			3" PVC SCH 40 Conduit	LF	220	10%	242	0.052	$ 179.00	$ 9.31	$ 5.60	$ 14.91	$ 3,607.74
198			3" PVC SCH 40 Conduit With Pull String	LF	110	10%	121	0.052	$ 179.00	$ 9.31	$ 5.60	$ 14.91	$ 1,803.87
199			4" PVC SCH 40 Conduit With Pull String	LF	111	10%	122	0.058	$ 179.00	$ 10.38	$ 9.12	$ 19.50	$ 2,381.19
200			5" PVC SCH 40 Conduit	LF	310	10%	341	0.063	$ 179.00	$ 11.28	$ 10.76	$ 22.04	$ 7,514.62
201		For Future High Voltage Service	5" PVC SCH 40 Conduit With Pull String	LF	167	10%	184	0.063	$ 179.00	$ 11.28	$ 10.76	$ 22.04	$ 4,048.20
			CONDUCTOR										
202			#2 CU THHN/THWN	LF	220	10%	242	0.018	$ 179.00	$ 3.22	$ 2.60	$ 5.82	$ 1,408.92
203			#250 KCMIL CU THHN/THWN	LF	880	10%	968	0.040	$ 179.00	$ 7.16	$ 7.20	$ 14.36	$ 13,900.48
204			#750 KCMIL AL THHN/THWN	LF	1240	10%	1364	0.050	$ 179.00	$ 8.95	$ 5.83	$ 14.78	$ 20,159.92
			LUGS										
205			Compression Lug CU With 1-Hole , #2 CU Wire	EA	4	0%	4	0.320	$ 179.00	$ 57.28	$ 5.60	$ 62.88	$ 251.52
206			Heat Shrink Tubing for #2 CU Wire	EA	4	0%	4	0.110	$ 179.00	$ 19.69	$ 1.62	$ 21.31	$ 85.24
207			Compression Lug CU With 1-Hole , #250 KCMIL CU Wire	EA	16	0%	16	0.520	$ 179.00	$ 93.08	$ 21.95	$ 115.03	$ 1,840.48
208			Heat Shrink Tubing for #250 KCMIL CU Wire	EA	16	0%	16	0.200	$ 179.00	$ 35.80	$ 2.70	$ 38.50	$ 616.00
209			Compression Lug AL With 1-Hole , #750 KCMIL AL Wire	EA	16	0%	16	0.745	$ 179.00	$ 133.36	$ 46.12	$ 179.48	$ 2,871.60
210			Heat Shrink Tubing for #750 KCMIL AL Wire	EA	16	0%	16	0.289	$ 179.00	$ 51.73	$ 7.28	$ 59.01	$ 944.18
			CIRCUIT BREAKER										
211			3P/500A Breaker	EA	1	0%	1	2.250	$ 179.00	$ 402.75	$ 1,695.99	$ 2,098.74	$ 2,098.74
			DEVICES										
212			150KW, 188KVA Diesel Fueled Emergency Generator, Blue Star Tier 4 With Double Containment	EA	1	0%	1	52.325	$ 179.00	$ 9,366.18	$ 62,899.00	$ 72,265.18	$ 72,265.18
213			Service Transformer 225 KVA Rating is Assumned As Not Mentioned in Plans, Please Confirm & Revise Cost if Required.	EA	1	0%	1	68.320	$ 179.00	$ 12,229.28	$ 15,995.00	$ 28,224.28	$ 28,224.28
			POWER										
			CONDUIT										
214			3/4" EMT Conduit	LF	38	10%	42	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 548.75
215			1-1/2" PVC SCH 40 Conduit With Pull String	LF	100	10%	110	0.063	$ 179.00	$ 11.28	$ 3.40	$ 14.68	$ 1,614.47
216			2" EMT Conduit With Pull String	LF	116	10%	128	0.100	$ 179.00	$ 17.90	$ 7.00	$ 24.90	$ 3,177.24
217			3/4" PVC SCH 40 Conduit	LF	114	10%	125	0.013	$ 179.00	$ 2.33	$ 1.10	$ 3.43	$ 429.75
218		For Future Fuel Pump Power	3/4" PVC SCH 40 Conduit With Pull String	LF	100	10%	110	0.013	$ 179.00	$ 2.33	$ 1.10	$ 3.43	$ 376.97
			CONDUCTOR										
219			#12 CU THHN/THWN	LF	60	10%	66	0.007	$ 179.00	$ 1.25	$ 0.29	$ 1.54	$ 101.84
220			#10 CU THHN/THWN	LF	396	10%	436	0.008	$ 179.00	$ 1.43	$ 0.44	$ 1.87	$ 815.44
			DEVICE										
221			Duplex Receptacle, GFCI, WP	EA	1	0%	1	0.352	$ 179.00	$ 63.01	$ 29.87	$ 92.88	$ 92.88
222			Emergency Shut-Off Switch	EA	1	0%	1	0.521	$ 179.00	$ 93.26	$ 71.59	$ 164.85	$ 164.85
223	E1.1 & E4.1		Irrigation Controller	EA	1	0%	1	1.758	$ 179.00	$ 314.68	$ 671.59	$ 986.27	$ 986.27
			SITE LIGHTING										
			CONDUIT										
224			3/4" EMT Conduit	LF	83	10%	91	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 1,198.59
225			3/4" PVC SCH 40 Conduit	LF	308	10%	339	0.013	$ 179.00	$ 2.33	$ 1.10	$ 3.43	$ 1,161.07
			CONDUCTOR										
226			#10 CU THHN/THWN	LF	1173	10%	1290	0.008	$ 179.00	$ 1.43	$ 0.44	$ 1.87	$ 2,415.44
			LIGHTING FIXTURES										
227			S1: LED Pole Light (Motion Response), GARDCO P26-196L-2100-NW-62-AR-3-120-IMR13-BZ* Mounting: 18' Pole On 2' Conc Base Watts: 95 W Remarks: Verify Finish Color With Architect.	EA	4	0%	4	1.625	$ 179.00	$ 290.88	$ 1,578.92	$ 1,869.80	$ 7,479.18
			18' Straight Steel Pole	EA	4	0%	4	2.235	$ 179.00	$ 400.07	$ 1,094.00	$ 1,494.07	$ 5,976.26
			Anchor Bolt	EA	20	0%	20	0.132	$ 179.00	$ 23.63	$ 4.99	$ 28.62	$ 572.36
			Concrete Base	EA	4	0%	4	2.232	$ 179.00	$ 399.53	$ 220.58	$ 620.11	$ 2,480.43

ESTIMATION

DETAILED BREAKDOWN OF ITEMS

Prepared for: Metro Air Park Fire Station #44, 7305 Metro Air Parkway, Sacramento, CA
Project ID: 7112026
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			TELECOMMUNICATION										
			CONDUIT										
228			2" PVC SCH 40 Conduit With Pull String	LF	210	10%	231	0.040	$ 179.00	$ 7.16	$ 3.41	$ 10.57	$ 2,441.67
229			3" PVC SCH 40 Conduit With Pull String	LF	66	10%	73	0.052	$ 179.00	$ 9.31	$ 5.60	$ 14.91	$ 1,082.32
230			4" PVC SCH 40 Conduit With Pull String	LF	105	10%	116	0.058	$ 179.00	$ 10.38	$ 9.12	$ 19.50	$ 2,252.48
			SECURITY										
			CONDUIT										
231			1" EMT Conduit With Pull String	LF	65	10%	72	0.070	$ 179.00	$ 12.53	$ 3.10	$ 15.63	$ 1,117.55
232			3/4" PVC SCH 40 Conduit	LF	62	10%	68	0.013	$ 179.00	$ 2.33	$ 1.10	$ 3.43	$ 233.72
			CONDUCTOR										
233			#18 CU THHN/THWN	LF	124	10%	136	0.004	$ 179.00	$ 0.72	$ 0.11	$ 0.83	$ 112.76
			DEVICES										
234			Gate Entry Access Pedestal With hard Wired Dorr King Keypad 1515-080	EA	6	0%	6	2.526	$ 179.00	$ 452.15	$ 426.98	$ 879.13	$ 5,274.80
			LOW VOLTAGE										
			CONDUIT										
235			3/4" EMT Conduit With Pull String	LF	65	10%	72	0.062	$ 179.00	$ 11.10	$ 2.03	$ 13.13	$ 938.65
236			3/4" PVC SCH 40 Conduit With Pull String	LF	62	10%	68	0.013	$ 179.00	$ 2.33	$ 1.10	$ 3.43	$ 233.72
			MISCELLANEOUS										
237			12" X 12" X 6" WP Box	EA	1	0%	1	0.625	$ 179.00	$ 111.88	$ 74.83	$ 186.71	$ 186.71
238			AT&T Connection Box 36" x 60" Christy Box	EA	1	0%	1	1.854	$ 179.00	$ 331.87	$ 5,326.24	$ 5,658.11	$ 5,658.11
239			Comcast Connection Box 13" x 12" x 24" Concrete Christy Box	EA	1	0%	1	1.123	$ 179.00	$ 201.07	$ 220.41	$ 421.48	$ 421.48
240			Pull Box For Future EV Charging Station	EA	4	0%	4	1.421	$ 179.00	$ 254.36	$ 25.18	$ 279.54	$ 1,118.16
			TRENCHING & BACKFILLING										
241			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	2640	0%	2640	0.085	$ 179.00	$ 15.22	$ -	$ 15.22	$ 40,167.60
												SUBTOTAL	**$ 255,573**

	PROJECTED COST	**$970,388**
OVERHEAD	**15%**	**$145,558**
PROFIT	**15%**	**$145,558**
SUB-CONTRACTOR MARGIN	**10%**	**$50,083**
INSURANCE	**3%**	**$29,112**
CONTINGENCY	**5%**	**$48,519**
TAX	**7.75%**	**$29,222**
SUGGESTED BID		**$1,418,440**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

ELECTRICAL ESTIMATION

MATERIAL LIST

Prepared for: Metro Air Park Fire Station #44, 7305 Metro Air Parkway, Sacramento, CA
Project ID: 7112026
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			ELECTRICAL				
			DISTRIBUTION				
			CONDUIT (CUT LENGTH = 10 LF)				
1			1" EMT Conduit	EA	35	10%	39
2			1-1/4" EMT Conduit	EA	6	10%	7
3			2" EMT Conduit	EA	23	10%	25
4			3" EMT Conduit	EA	6	10%	7
5			1" RGS Conduit	EA	2	10%	2
			CONDUCTOR (1 ROLL = 200 LF)				
6			#10 CU THHN/THWN	ROLL	2	10%	2
7			#8 CU THHN/THWN	ROLL	4	10%	4
8			#6 CU THHN/THWN	ROLL	3	10%	3
9			#4 CU THHN/THWN	ROLL	1	10%	1
10			#1 CU THHN/THWN	ROLL	1	10%	1
11			#3/0 CU THHN/THWN	ROLL	5	10%	6
12			#350 KCMIL CU THHN/THWN	ROLL	1	10%	1
			LUGS				
13			Compression Lug CU With 1-Hole , #8 CU Wire	EA	26	0%	26
14			Heat Shrink Tubing for #8 CU Wire	EA	26	0%	26
15			Compression Lug CU With 1-Hole , #6 CU Wire	EA	14	0%	14
16			Heat Shrink Tubing for #6 CU Wire	EA	14	0%	14
17			Compression Lug CU With 1-Hole , #4 CU Wire	EA	6	0%	6
18			Heat Shrink Tubing for #4 CU Wire	EA	6	0%	6
19			Compression Lug CU With 1-Hole , #1 CU Wire	EA	8	0%	8
20			Heat Shrink Tubing for #1 CU Wire	EA	8	0%	8
21			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	32	0%	32
22			Heat Shrink Tubing for #3/0 CU Wire	EA	32	0%	32
23			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	32	0%	32
24			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	32	0%	32
			CIRCUIT BREAKER				
25			1P/15A Breaker	EA	3	0%	3
26			1P/20A Breaker	EA	83	0%	83
27			1P/30A Breaker	EA	6	0%	6
28			2P/15A Breaker	EA	3	0%	3
29			2P/20A Breaker	EA	4	0%	4
30			2P/30A Breaker	EA	4	0%	4
31			2P/35A Breaker	EA	1	0%	1
32			2P/40A Breaker	EA	4	0%	4
33			3P/15A Breaker	EA	6	0%	6
34			3P/20A Breaker	EA	1	0%	1
35			3P/35A Breaker	EA	4	0%	4
36			3P/50A Breaker	EA	1	0%	1
37			3P/70A Breaker	EA	1	0%	1
38			3P/200A Breaker	EA	4	0%	4
39			3P/600A Breaker	EA	1	0%	1
40			3P/800A Breaker	EA	1	0%	1
			PANEL				
41			Panel A: 600A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Surface Mounted,	EA	1	0%	1
42			Panel AC: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Surface Mounted,	EA	1	0%	1
43			Panel B: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Recessed Mounted,	EA	1	0%	1
44			Panel C: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Recessed Mounted,	EA	1	0%	1
45			Panel D: 200A, 120/208V, 3PH, 4W, Mains: MLO, 42 Poles, Recessed Mounted,	EA	1	0%	1
46			Panel MSB: 800A, 120/208V, 3PH, 4W, 65KAIC	EA	1	0%	1
			DEVICES				
47			3P/600A Solid Neutral ATS	EA	1	0%	1
48			800A Meter	EA	1	0%	1
			DISCONNECT SWITCH				
49		**Rating Assumed From Panel**	2P/15A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	2	0%	2
50			2P/30A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	3	0%	3
51			2P/35A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	1	0%	1
52			3P/15A Disconnect Switch, WP, NEMA 3R	EA	1	0%	1
53			3P/20A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	1	0%	1
54			3P/35A Heavy Duty Safety Type Fused Disconnect Switch, WP, NEMA 3R	EA	3	0%	3
55			3P/50A Disconnect Switch, WP, NEMA 3R	EA	1	0%	1
56			3P/70A Heavy Duty Safety Type Fused Disconnect Switch	EA	1	0%	1
			GROUNDING				
57			3/4" X 10' CU Grounding Rod	EA	1	0%	1
58			Ground Busbar	EA	2	0%	2
59			Neutral Busbar	EA	1	0%	1
60			#6 CU Grounding Conductor (1 ROLL = 200 LF)	ROLL	1	10%	1
61			#3/0 CU Grounding Conductor (1 ROLL = 200 LF)	ROLL	1	10%	1
			POWER				

MATERIAL LIST

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ELECTRICAL ESTIMATION
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Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	E2.1, E2.2, E3.1, E3.2, E3.3, E4.1 & E4.2		**CONDUIT (CUT LENGTH = 10 LF)**				
62			3/4" EMT Conduit	EA	701	10%	771
63			1" EMT Conduit	EA	1	10%	1
64			3/4" RGS Conduit	EA	3	10%	3
65			3/4" PVC SCH 40 Conduit	EA	3	10%	3
			CONDUCTOR (1 ROLL = 200 LF)				
66			#12 CU THHN/THWN	ROLL	76	10%	84
67			#10 CU THHN/THWN	ROLL	31	10%	34
68			#8 CU THHN/THWN	ROLL	1	10%	1
			DEVICE				
69			208V, 3 Ph Receptacle Outlet	EA	1	0%	1
70			2P/30A Receptacle Outlet	EA	1	0%	1
71			3P/35A Receptacle Outlet	EA	1	0%	1
72			Combo Duplex Receptacle/USB Outlet, AFCI	EA	13	0%	13
73			Duplex Receptacle	EA	11	0%	11
74			Duplex Receptacle Floor Outlet With Brass Trim	EA	1	0%	1
75			Duplex Receptacle Outlet	EA	47	0%	47
76			Duplex Receptacle Outlet, AFCI	EA	1	0%	1
77			Duplex Receptacle Outlet, GFCI	EA	6	0%	6
78			Duplex Receptacle Outlet, GFCI, Above Counter	EA	13	0%	13
79			Duplex Receptacle Outlet, GFCI, WP	EA	7	0%	7
80			Exhaust Fan Connection	EA	9	0%	9
81			Fourplex Receptacle Outlet	EA	6	0%	6
82			Shut-Off Switch For Motorize Gate	EA	1	0%	1
83			Single Pole Switch	EA	22	0%	22
84			Single Receptacle Outlet	EA	9	0%	9
85			14' Dia. Ceiling Fan: ~14' Dia. Ceiling Fan, BIG ASS FANS ESSENCE 14'Mount	EA	1	0%	1
86			54" Dia. Ceiling Fan: 54" Dia. Ceiling Fan, BIG ASS FANS HAIKU L SERIESM	EA	6	0%	6
87			8' Dia. Ceiling Fan: ~8' Dia. Ceiling Fan, BIG ASS FANS ESSENCE 8'Mounting:	EA	3	0%	3
			LIGHTING				
			CONDUIT (CUT LENGTH = 10 LF)				
88			3/4" EMT Conduit	EA	58	10%	64
89			1" EMT Conduit	EA	250	10%	275
			CONDUCTOR (1 ROLL = 200 LF)				
90			#12 CU THHN/THWN	ROLL	4	10%	4
91			#10 CU THHN/THWN	ROLL	17	10%	19
92			#8 CU THHN/THWN	ROLL	25	10%	28
			LIGHTING FIXTURES				
93			A: 2'x2' Led Architectural Troffer, H. E. WILLIAMS AT1-22-L40/835-D-PIM-12	EA	14	0%	14
94			D: 4" Dia. Led Downlight, LITHONIA LDN4 35/10 LO4 AR LSS 120V EZ1Mou	EA	48	0%	48
95			B1: 4'x4' Led Linear Recessed, FINELITE HP-4 R-D-4'-V-835-F-96LG-120-SC-F	EA	8	0%	8
96			B3: 8'x4' Led Linear Recessed, FINELITE HP-4 R-D-8'-V-835-F-96LG-120-SC-F	EA	6	0%	6
97			C1: 4' Led Wraparound, KENALL MLHA12-48-F-MW-PP-45L40K-DCC-120Mo	EA	2	0%	2
98			C2: 8' Led Wraparound, KENALL MLHA12-96-F-MW-PP-45L40K-DCC-1-120M	EA	7	0%	7
99			E1: 4' Led Strip, DAY-BRITE LF4FR2035UDZTMounting: SurfaceWatts: 30 WR	EA	5	0%	5
100			E2: 8' Led Strip, DAY-BRITE LF8FR3035UDZTMounting: Ceiling PendantWatts	EA	28	0%	28
101			G: Led Flexible Task Light, ACCESS LIGHTING - BUNK 6200LED-BRZ*Mour	EA	13	0%	13
102			J: Led Exterior Wall Light With Emergency Battery Backup, LITHONIA WDGE1	EA	7	0%	7
103			K: 8"x15" Exterior Led Wall Sconce, KENALL FS512R-2TB-MPA-BR*-QL40K-	EA	14	0%	14
104			R: Led Wall Sconce With Red Lens, TERON LIGHTING - GUARDIAN GRDW1	EA	2	0%	2
105			T: Led Wall Sconce (Motion Response), GARDCO 121-MR-4-75LA-CW-UNIV-I	EA	7	0%	7
106			V: Indoor Led Louvered Step Light, INTRIGUE LIGHTING SGH-NC-LED-SG-R	EA	8	0%	8
107			W: Led Directional Sign Flood Light, LITHONIA OLFB 8 50K DDBMounting: W	EA	5	0%	5
108			W1: Led Spot Light For Flag, LITHONIA OLBS 8 50K DDBMounting: Low Wal	EA	2	0%	2
109			W2: Led Flood Light For Facade At Vehicle Door, WAC LIGHTING WP-LED35-	EA	4	0%	4
110			X: Exit Sign/Emergency Light Combination, EMERGI-LITE NPR612H462LBMo	EA	14	0%	14
			LIGHTING CONTROL				
111			4Way Dimmer Switch	EA	3	0%	3
112			Ceiling Mounted Vacancy Sensor, With Power Pack For Each Chain Of Sensors	EA	3	0%	3
113			Dimming Switch 20A, 120-277V	EA	12	0%	12
114			LCC, Lighting Control Cabinet	EA	1	0%	1
115			LCP, Lighting Control Panel, WATT STOPPER PEANUT PANEL, #LP8F	EA	1	0%	1
116			Multi-Speed Fan Controller, Wall Mounted	EA	9	0%	9
117		**Assumed**	RD: Radar Detector	EA	1	0%	1
118			Single Pole Toggle Switch	EA	2	0%	2
119			Single Pole Vacancy Sensor Dimmer Switch Wall Mounted	EA	11	0%	11
120			Single Pole Vacancy Sensor Switch Wall Mounted	EA	8	0%	8
121			Single Pole Vacancy Sensor/Timer Switch	EA	18	0%	18
122			Three Way Dimmer Toggle Switch, 20A, 120-277V	EA	8	0%	8
123			Three Way Toggle Switch, 20A, 120-277V	EA	2	0%	2
			MISCELLANEOUS				
124			4" Square Ceiling Mounted Junction Box	EA	13	0%	13
125			Junction Box	EA	66	0%	66
			SAW CUT				
126			Saw Cut & Repair Concrete Floor For Conduit Installation	EA	2	0%	2
			COMMUNICATION				
			TELECOMMUNICATION				
			CONDUIT (CUT LENGTH = 10 LF)				
127			3/4" EMT Conduit Upto Ceiling	EA	48	10%	53
128			3/4" PVC SCH 40 Conduit	EA	1	10%	1
			CONDUCTOR (1 ROLL = 200 LF)				
129			CAT6 Cable	ROLL	25	10%	28
130			Coaxial Cable	ROLL	1	10%	1
			J-HOOK				

MATERIAL LIST

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ELECTRICAL ESTIMATION
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Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
131	E3.1, E3.2, E3.3		2" J-Hook	EA	75	0%	75
			DEVICES				
132			8' Tall x 3/4" Thick Plywood Telephone Terminal Backboard With Fire Retardant	LF	20	0%	20
133			Telephone Outlet	EA	3	0%	3
			RJ45 Connector	EA	3	0%	3
			Backbox	EA	3	0%	3
			Faceplate	EA	3	0%	3
134			Telephone/Computer Outlet	EA	28	0%	28
			RJ45 Connector	EA	56	0%	56
			Backbox	EA	28	0%	28
			Faceplate	EA	28	0%	28
135			Telephone/Computer Outlet, Floor Mounted	EA	1	0%	1
			RJ45 Connector	EA	2	0%	2
			Backbox	EA	1	0%	1
			Faceplate	EA	1	0%	1
136			TV Outlet	EA	3	0%	3
			F-Connector	EA	3	0%	3
			Backbox	EA	3	0%	3
			Faceplate	EA	3	0%	3
			SECURITY				
			CONDUIT (CUT LENGTH = 10 LF)				
137			3/4" EMT Conduit	EA	45	10%	50
			CONDUCTOR (1 ROLL = 200 LF)				
138			#18 CU THHN/THWN	ROLL	4	10%	4
			DEVICES				
139			Door Engendering Four Fold Door Control Unit	EA	4	0%	4
140			Single Pole Low Voltage Switch	EA	7	0%	7
			MISCELLANEOUS				
141			Junction Box	EA	24	0%	24
142			Pull Box	EA		0%	0
			SAW CUT				
143			Saw Cut & Repair Concrete Floor For Conduit Installation	EA	1	0%	1
			ELECTRONIC SAFETY AND SECURITY				
			FIRE ALARM				
	E3.1, E3.2, E3.3, AS1.1 & AS3.1		**CONDUIT (CUT LENGTH = 10 LF)**				
144			3/4" EMT Conduit	EA	134	10%	147
			CONDUCTOR (1 ROLL = 200 LF)				
145			#12 CU THHN/THWN	ROLL	13	10%	14
			DEVICES				
146			Fire Alarm Annunciator Panel	EA	1	0%	1
147			Fire Alarm Control Panel	EA	1	0%	1
148			Fire Alarm Horn/Strobe Device	EA	3	0%	3
149			Fire Alarm Manual Pull Station	EA	1	0%	1
150			Fire Alarm Strobe	EA	9	0%	9
151			Fire Alarm Strobe/Horn	EA	9	0%	9
152			First Alert / BRK Hardwired Carbon Monoxide Detector With Integral Battery B	EA	7	0%	7
153			Manual Pull Station	EA	5	0%	5
154			Smoke Detector With Auxiliary Contacts	EA	9	0%	9
			FIRST-IN ALERT SYSTEM				
			CONDUIT (CUT LENGTH = 10 LF)				
155			3/4" EMT Conduit With Pull String	EA	1	10%	1
156			1" EMT Conduit With Pull String	EA	30	10%	33
157			2" PVC SCH 40 Conduit With Pull String	EA	7	10%	8
			DEVICES				
158		Furnished & Installed By Westnet	SC: Satellite Controller	EA	17	0%	17
159			EB: Emergency Button	EA	2	0%	2
160			DB: Doorbell Button	EA	1	0%	1
161			DL: Dorm Light	EA	7	0%	7
162			DR: Dorm Remote	EA	4	0%	4
163			S: Satellite	EA	7	0%	7
164			HPA AMP Single: High-Powered Amplifier Module Single	EA	2	0%	2
165			MCU: Master Control Unit	EA	2	0%	2
166			DLSP: Data Line Surge Protector	EA	2	0%	2
167			RIU: Radio Isolation Unit	EA	2	0%	2
168			CR: Control Remote	EA	2	0%	2
169			AUX: Auxiliary Module	EA	2	0%	2
170			TIM: Telephone Interface Module	EA	2	0%	2
171			PM UPS: Power Module with UPS - Black (Required Dedicated Circuit 12V)	EA	4	0%	4
172			CI-M: Company Indicator Medium	EA	2	0%	2
173			TT-M: Turnout Timer Medium	EA	2	0%	2
174			ASLA: Alerting Strobe Light Adapter	EA	2	0%	2
175			Outside Speaker- In Conjunction With	EA	2	0%	2
176			OSA Single: Outside Speaker Audio Module Single	EA	2	0%	2
177			Spk Omni 8": 8" Omni Directional Speaker	EA	3	0%	3
178			App-Dual-KL 7'-0"	EA	2	0%	2
179			HPA AMP Dual: High-Powered Amplifier Module Dual	EA	1	0%	1
180			HPS: High-Powered Amplified Speaker (In Conjunction with HPA AMP)	EA	1	0%	1
181			T: Acoustic Ceiling Kit	EA	11	0%	11
182			DLT: Dorm Lite Acoustic Ceiling Mount Kit	EA	7	0%	7
183			BK BX DR: Dorm Remote Backbox Provided by Westnet	EA	4	0%	4
184			BK BX ASLF: Custom Backbox Provided by Westnet	EA	1	0%	1
			MISCELLANEOUS				
185			H: 8x10x4 Hoffman Backbox	EA	19	0%	19
186			4S: 4" Square Box	EA	6	0%	6
187			4 Square Deep Single Gang Ring Box	EA	3	0%	3
			SAW CUT				
188			Saw Cut & Repair Concrete Floor For Conduit Installation	EA	7	0%	7

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			UTILITIES				
			DISTRIBUTION				
			CONDUIT (CUT LENGTH = 10 LF)				
189			1" PVC SCH 40 Conduit With Pull String	EA	11	10%	12
190			3" PVC SCH 40 Conduit	EA	22	10%	24
191			3" PVC SCH 40 Conduit With Pull String	EA	11	10%	12
192			4" PVC SCH 40 Conduit With Pull String	EA	11	10%	12
193			5" PVC SCH 40 Conduit	EA	31	10%	34
194		For Future High Voltage Service	5" PVC SCH 40 Conduit With Pull String	EA	17	10%	19
			CONDUCTOR (1 ROLL = 200 LF)				
195			#2 CU THHN/THWN	ROLL	1	10%	1
196			#250 KCMIL CU THHN/THWN	ROLL	4	10%	4
197			#750 KCMIL AL THHN/THWN	ROLL	6	10%	7
			LUGS				
198			Compression Lug CU With 1-Hole , #2 CU Wire	EA	4	0%	4
199			Heat Shrink Tubing for #2 CU Wire	EA	4	0%	4
200			Compression Lug CU With 1-Hole , #250 KCMIL CU Wire	EA	16	0%	16
201			Heat Shrink Tubing for #250 KCMIL CU Wire	EA	16	0%	16
202			Compression Lug AL With 1-Hole , #750 KCMIL AL Wire	EA	16	0%	16
203			Heat Shrink Tubing for #750 KCMIL AL Wire	EA	16	0%	16
			CIRCUIT BREAKER				
204			3P/500A Breaker	EA	1	0%	1
			DEVICES				
205			150KW, 188KVA Diesel Fueled Emergency Generator, Blue Star Tier 4 With Dou	EA	1	0%	1
206			Service Transformer	EA	1	0%	1
			POWER				
			CONDUIT (CUT LENGTH = 10 LF)				
207			3/4" EMT Conduit	EA	4	10%	4
208			1-1/2" PVC SCH 40 Conduit With Pull String	EA	10	10%	11
209			2" EMT Conduit With Pull String	EA	12	10%	13
210			3/4" PVC SCH 40 Conduit	EA	11	10%	12
211		For Future Fuel Pump Power	3/4" PVC SCH 40 Conduit With Pull String	EA	10	10%	11
			CONDUCTOR (1 ROLL = 200 LF)				
212			#12 CU THHN/THWN	ROLL	1	10%	1
213			#10 CU THHN/THWN	ROLL	2	10%	2
			DEVICE				
214			Duplex Receptacle, GFCI, WP	EA	1	0%	1
215	E1.1 & E4.1		Emergency Shut-Off Switch	EA	1	0%	1
216			Irrigation Controller	EA	1	0%	1
			SITE LIGHTING				
			CONDUIT (CUT LENGTH = 10 LF)				
217			3/4" EMT Conduit	EA	8	10%	9
218			3/4" PVC SCH 40 Conduit	EA	31	10%	34
			CONDUCTOR (1 ROLL = 200 LF)				
219			#10 CU THHN/THWN	ROLL	6	10%	7
			LIGHTING FIXTURES				
220			S1: LED Pole Light (Motion Response), GARDCO P26-196L-2100-NW-62-AR-3	EA	4	0%	4
			18' Straight Steel Pole	EA	4	0%	4
			Anchor Bolt	EA	20	0%	20
			TELECOMMUNICATION				
			CONDUIT (CUT LENGTH = 10 LF)				
221			2" PVC SCH 40 Conduit With Pull String	EA	21	10%	23
222			3" PVC SCH 40 Conduit With Pull String	EA	7	10%	8
223			4" PVC SCH 40 Conduit With Pull String	EA	11	10%	12
			SECURITY				
			CONDUIT (CUT LENGTH = 10 LF)				
224			1" EMT Conduit With Pull String	EA	7	10%	8
225			3/4" PVC SCH 40 Conduit	EA	7	10%	8
			CONDUCTOR (1 ROLL = 200 LF)				
226			#18 CU THHN/THWN	ROLL	1	10%	1
			DEVICES				
227			Gate Entry Access Pedestal With hard Wired Dorr King Keypad 1515-080	EA	6	0%	6
			LOW VOLTAGE				
			CONDUIT (CUT LENGTH = 10 LF)				
228			3/4" EMT Conduit With Pull String	EA	7	10%	8
229			3/4" PVC SCH 40 Conduit With Pull String	EA	7	10%	8
			MISCELLANEOUS				
230			12" X 12" X 6" WP Box	EA	1	0%	1
231			AT&T Connection Box 36" x 60" Christy Box	EA	1	0%	1
232			Comcast Connection Box 13" x 12" x 24" Concrete Christy Box	EA	1	0%	1
233			Pull Box For Future EV Charging Station	EA	4	0%	4
			TRENCHING & BACKFILLING				
234			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	2640	0%	2640