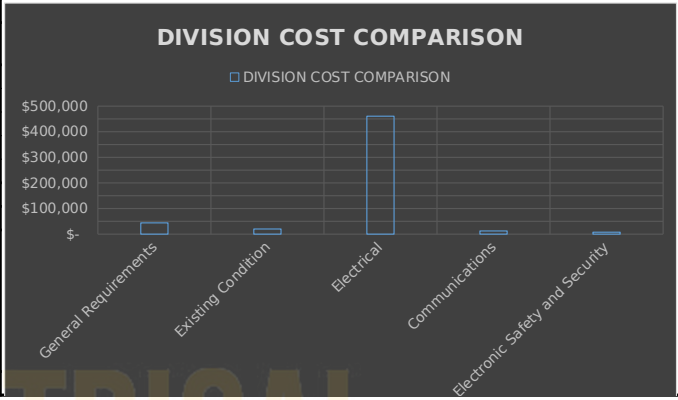
GENERAL SUMMARY

Prepared for: Store #543, 2912 Soncy Road Amarillo, TX 79124
Project ID: 21082026
Scope: Electrical
No. Of Floors: 1
Date: 09/28/26

ELECTRICAL ESTIMATION
+1 708-381-0900

BUILDING GSF	23,506		
DIVISION NO	**DESCRIPTION**	**TOTAL DIV. COST**	**TOTAL DIV. COST (PER SF)**
1000	General Requirements	$ 43,800	$ 1.86
2000	Existing Condition	$ 19,993	$ 0.85
26000	Electrical	$ 460,660	$ 19.60
27000	Communications	$ 12,456	$ 0.53
28000	Electronic Safety and Security	$ 7,603	$ 0.32
	TOTAL TRADE COST	**$ 544,512**	**$ 23.16**
OVERHEAD	**15%**	$ 81,677	$ 3.47
PROFIT	**15%**	$ 81,677	$ 3.47
LABOR SUBCONTRACT	**10%**	$ 25,779	$ 1.10
INSURANCE	**3%**	$ 16,335	$ 0.69
CONTINGENCY	**5%**	$ 27,226	$ 1.16
TAX	**8%**	$ 20,041	$ 0.85
	SUGGESTED BID	**$ 797,246**	**$ 33.92**



DETAILED BREAKDOWN OF ITEMS

Prepared for: Store #543, 2912 Soncy Road Amarillo, TX 79124
Project ID: 21082026
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
			GENERAL REQUIREMENTS										
			ADMINISTRATIVE REQUIREMENTS										
1			Project Management & Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 20,000.00	$ 20,000.00
			QUALITY REQUIREMENTS										
2			Testing, Commissioning & Inspection Services	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 2,000.00	$ 2,000.00
			TEMPORARY FACILITIES & CONTROLS										
3			Construction Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 12,000.00	$ 12,000.00
			EXECUTION & CLOSEOUT REQUIREMENT										
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 1,800.00	$ 1,800.00
			MISC.										
5			Mobilization / Demobilization	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 8,000.00	$ 8,000.00
												SUBTOTAL	**$ 43,800**
			EXISTING CONDITIONS										
			DEMOLITION										
6			Disconnect and Removal of All the Existing Fire Alarm Equipment, devices Throughout the Future Total Wine W/ all its Associated Accessories Wiring and Conduit Back to the Source	SF	22972	0%	22972	0.003	$ 78.00	$ 0.23	$ -	$ 0.23	$ 5,375.43
7			Removal Of Existing Wall Mounted Electrical, Low voltage & Fire Alarm Devices To Be Removed With There All Associated Accessories, Wire, Conduit Back To The Source	SF	3427	0%	3427	0.006	$ 78.00	$ 0.47	$ -	$ 0.47	$ 1,603.74
8			Removal Of Existing Ceiling Mounted Lighting Fixtures & All Other Electrical Devices With There All Associated Accessories, Wire, Conduit Back To The Source	SF	1043	0%	1043	0.012	$ 78.00	$ 0.94	$ -	$ 0.94	$ 976.71
9			Removal Of Existing Ceiling Mounted Light Fixture With There All Associated Accessories, Wire, Conduit Back To The Source	SF	21903	0%	21903	0.006	$ 78.00	$ 0.47	$ -	$ 0.47	$ 10,250.52
10	**SHEET#D1.0, FAD1.0**	**From Demolition Plans**	Removal Of Existing Downlights With There All Associated Accessories, Wire, Conduit Back To The Source	EA	7	0%	7	0.500	$ 78.00	$ 39.00	$ -	$ 39.00	$ 273.00
11			Removal Of Exiting Disconnect Switch & Equipment Connections With There All Associated Accessories, Wire, Conduit Back To The Source	EA	5	0%	5	1.250	$ 78.00	$ 97.50	$ -	$ 97.50	$ 487.50
12			Removal Of Exiting Exhaust Fan & Equipment Connections With There All Associated Accessories, Wire, Conduit Back To The Source	EA	1	0%	1	1.000	$ 78.00	$ 78.00	$ -	$ 78.00	$ 78.00
13			Removal Of Existing Signage Connection With There All Associated Accessories, Wire, Conduit Back To The Source	EA	1	0%	1	0.650	$ 78.00	$ 50.70	$ -	$ 50.70	$ 50.70
			RELOCATION										
14			Relocation of Existing Unit Heater W/ All its Associated Accessories	EA	1	0%	1	4.500	$ 78.00	$ 351.00	$ -	$ 351.00	$ 351.00
			REPAIR & REPLACE										
15			Existing Wall Pack to Remain, Ensure In Good Working Order and That Lamp/Fixture Is LED, Repair and Replace as Required With LED/Lamp Fixture Or Equivalent LUMEN output, Contractor To Verify	EA	7	0%	7	1.000	$ 78.00	$ 78.00	$ -	$ 78.00	$ 546.00
												SUBTOTAL	**$ 19,993**
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
16			3-1/2" EMT Conduit	LF	12.35	10%	14	0.156	$ 78.00	$ 12.17	$ 16.50	$ 28.67	$ 389.45
17			2" EMT Conduit	LF	52	10%	57	0.120	$ 78.00	$ 9.36	$ 9.50	$ 18.86	$ 1,078.79
			CONDUCTOR										
18			#6 CU THHN/THWN	LF	52	10%	57	0.012	$ 78.00	$ 0.94	$ 1.02	$ 1.96	$ 111.88
19			#3/0 CU THHN/THWN	LF	110	10%	121	0.032	$ 78.00	$ 2.50	$ 5.25	$ 7.75	$ 937.61
20			#2/0 CU THHN/THWN	LF	70	10%	77	0.030	$ 78.00	$ 2.34	$ 4.65	$ 6.99	$ 536.08
21			#1/0 CU THHN/THWN	LF	12	10%	14	0.028	$ 78.00	$ 2.18	$ 3.45	$ 5.63	$ 76.54
22			#600 KCMIL CU THHN/THWN	LF	49	10%	54	0.062	$ 78.00	$ 4.84	$ 22.64	$ 27.48	$ 1,493.05
			LUGS										
23			Compression Lug CU With 1-Hole , #8 CU Wire	EA	48	0%	48	0.120	$ 78.00	$ 9.36	$ 1.50	$ 10.86	$ 521.28
24			Heat Shrink Tubing for #8 CU Wire	EA	48	0%	48	0.050	$ 78.00	$ 3.90	$ 0.50	$ 4.40	$ 211.20
25			Compression Lug CU With 1-Hole , #6 CU Wire	EA	4	0%	4	0.140	$ 78.00	$ 10.92	$ 2.25	$ 13.17	$ 52.68
26			Heat Shrink Tubing for #6 CU Wire	EA	4	0%	4	0.050	$ 78.00	$ 3.90	$ 0.07	$ 3.97	$ 15.88
27			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	2	0%	2	0.200	$ 78.00	$ 15.60	$ 7.85	$ 23.45	$ 46.90
28			Heat Shrink Tubing for #1/0 CU Wire	EA	2	0%	2	0.080	$ 78.00	$ 6.24	$ 1.00	$ 7.24	$ 14.48
29			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	6	0%	6	0.250	$ 78.00	$ 19.50	$ 9.50	$ 29.00	$ 174.00
30			Heat Shrink Tubing for #2/0 CU Wire	EA	6	0%	6	0.100	$ 78.00	$ 7.80	$ 1.15	$ 8.95	$ 53.70
31			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	8	0%	8	0.300	$ 78.00	$ 23.40	$ 10.50	$ 33.90	$ 271.20
32			Heat Shrink Tubing for #3/0 CU Wire	EA	8	0%	8	0.120	$ 78.00	$ 9.36	$ 1.50	$ 10.86	$ 86.88
33			Compression Lug CU With 1-Hole , #600 KCMIL CU Wire	EA	8	0%	8	0.400	$ 78.00	$ 31.20	$ 45.50	$ 76.70	$ 613.60
34			Heat Shrink Tubing for #600 KCMIL CU Wire	EA	8	0%	8	0.160	$ 78.00	$ 12.48	$ 4.50	$ 16.98	$ 135.84
			CIRCUIT BREAKER										
35			2P/20A HACR Type Circuit Breaker	EA	4	0%	4	0.500	$ 78.00	$ 39.00	$ 39.99	$ 78.99	$ 315.96
36			3P/30A HACR Type Circuit Breaker	EA	1	0%	1	0.650	$ 78.00	$ 50.70	$ 68.50	$ 119.20	$ 119.20
37			1P/20A HACR Type Circuit Breaker	EA	3	0%	3	0.400	$ 78.00	$ 31.20	$ 34.50	$ 65.70	$ 197.10
38			1P/15A HACR Type Circuit Breaker	EA	3	0%	3	0.400	$ 78.00	$ 31.20	$ 30.50	$ 61.70	$ 185.10
39			2P/40A GFCI Type Circuit Breaker	EA	1	0%	1	0.500	$ 78.00	$ 39.00	$ 56.50	$ 95.50	$ 95.50
40			2P/15A HACR Type Circuit Breaker	EA	1	0%	1	0.500	$ 78.00	$ 39.00	$ 35.50	$ 74.50	$ 74.50
41			1P/20A Circuit Breaker	EA	16	0%	16	0.400	$ 78.00	$ 31.20	$ 28.50	$ 59.70	$ 955.20
42			1P/30A Circuit Breaker	EA	1	0%	1	0.400	$ 78.00	$ 31.20	$ 31.14	$ 62.34	$ 62.34
43			3P/200A Circuit Breaker	EA	1	0%	1	1.000	$ 78.00	$ 78.00	$ 595.50	$ 673.50	$ 673.50
44			3P/400A Main Circuit Breaker	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ 1,821.44	$ 1,938.44	$ 1,938.44
45			1P/15A HACR Type and LCM Controlled Circuit Breaker	EA	1	0%	1	0.500	$ 78.00	$ 39.00	$ 22.50	$ 61.50	$ 61.50
46			1P/20A GFCI Type Circuit Breaker	EA	2	0%	2	0.400	$ 78.00	$ 31.20	$ 30.50	$ 61.70	$ 123.40
47			1P/20A Lock On Device	EA	1	0%	1	0.400	$ 78.00	$ 31.20	$ 29.50	$ 60.70	$ 60.70
			PANEL										
48			Panel "A" 400A MCB, 400A Bus Rating , 120/208V, 3 Phase, 4 Wire, 42 Poles,10K AIC Rating, Surface Mounted NEMA 1	EA	1	0%	1	6.500	$ 78.00	$ 507.00	$ 4,450.00	$ 4,957.00	$ 4,957.00
			DEVICES										
49			112.5KVA Transformer	EA	1	0%	1	15.500	$ 78.00	$ 1,209.00	$ 8,850.00	$ 10,059.00	$ 10,059.00
50			3' X 3' Concrete Pad For Transformer	EA	1	0%	1	1.000	$ 78.00	$ 78.00	$ 100.00	$ 178.00	$ 178.00
			DISCONNECT SWITCH										
51			2P/30A Non Fusible Disconnect Switch, NEMA-1	EA	6	0%	6	1.000	$ 78.00	$ 78.00	$ 68.50	$ 146.50	$ 879.00
52			3P/30A Non Fusible Disconnect Switch, NEMA-1	EA	2	0%	2	1.500	$ 78.00	$ 117.00	$ 122.06	$ 239.06	$ 478.12
53			3P/60A Non Fusible Disconnect Switch, NEMA-3R	EA	5	0%	5	1.500	$ 78.00	$ 117.00	$ 285.50	$ 402.50	$ 2,012.50
54		**From Electrical Plans**	3P/30A Non Fusible Disconnect Switch, NEMA-3R	EA	2	0%	2	1.500	$ 78.00	$ 117.00	$ 156.50	$ 273.50	$ 547.00
55			2P/60A Lockable Disconnect Switch, NEMA-1	EA	1	0%	1	1.250	$ 78.00	$ 97.50	$ 110.50	$ 208.00	$ 208.00
			GROUNDING										
56			#1/0 Grounding Conductor	LF	30	10%	33	0.028	$ 78.00	$ 2.18	$ 3.45	$ 5.63	$ 185.92
57			#6 Grounding Conductor	LF	20	10%	22	0.012	$ 78.00	$ 0.94	$ 1.02	$ 1.96	$ 43.03
58			3/4" X 10' Copper Ground Rod	EA	1	0%	1	0.500	$ 78.00	$ 39.00	$ 62.50	$ 101.50	$ 101.50
59			Grounding Bus Bar, MDL: 13622-010	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ 223.65	$ 340.65	$ 340.65
60			Exothermic Weld	EA	3	0%	3	0.350	$ 78.00	$ 27.30	$ 56.50	$ 83.80	$ 251.40
			POWER										
			CONDUIT										
61			1" EMT Conduit	LF	6125	10%	6738	0.070	$ 78.00	$ 5.46	$ 3.76	$ 9.22	$ 62,119.75
62			1" PVC SCH 40 Conduit	LF	25	10%	28	0.065	$ 78.00	$ 5.07	$ 1.85	$ 6.92	$ 190.30
63			3/4" EMT Conduit	LF	8020	10%	8822	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 61,012.95
64			3/4" FLEX-S Conduit	LF	36	10%	40	0.062	$ 78.00	$ 4.84	$ 1.76	$ 6.60	$ 261.20
65			3/4" LFMC Conduit	LF	30	10%	33	0.062	$ 78.00	$ 4.84	$ 2.50	$ 7.34	$ 242.09
66			3/4" RGS Conduit	LF	86	10%	95	0.062	$ 78.00	$ 4.84	$ 3.85	$ 8.69	$ 821.70
			CONDUCTOR										
67			5#12 MC Cable	LF	18	10%	20	0.041	$ 78.00	$ 3.20	$ 5.85	$ 9.05	$ 180.05
68			3#12 MC Cable	LF	293	10%	323	0.018	$ 78.00	$ 1.40	$ 1.25	$ 2.65	$ 856.26
69			3#10 MC Cable	LF	34	10%	38	0.024	$ 78.00	$ 1.87	$ 2.50	$ 4.37	$ 165.48
70			2#8, #10 MC Cable	LF	394	10%	433	0.028	$ 78.00	$ 2.18	$ 2.11	$ 4.29	$ 1,860.88
71			#12 CU THHN/THWN	LF	5520	10%	6072	0.007	$ 78.00	$ 0.55	$ 0.20	$ 0.75	$ 4,529.71
72			#10 CU THHN/THWN	LF	15350	10%	16885	0.008	$ 78.00	$ 0.62	$ 0.28	$ 0.90	$ 15,264.04
73			#8 CU THHN/THWN	LF	26031	10%	28634	0.010	$ 78.00	$ 0.78	$ 0.68	$ 1.46	$ 41,805.79
			DEVICE										

ESTIMATION

DETAILED BREAKDOWN OF ITEMS

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Project ID: 21082026
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
74			Twist Lock Receptacle Ceiling Mounted, NEMA L7-15R, 5' Cord and Plug	EA	85	0%	85	0.350	$ 78.00	$ 27.30	$ 32.50	$ 59.80	$ 5,083.00
75			(1) 100W Driver , MDL: NUALIGHT NV24S100 For light ION, ION3	EA	172	0%	172	0.500	$ 78.00	$ 39.00	$ 52.50	$ 91.50	$ 15,738.00
76			(1) 90W Driver, MDL: NUALIGHT N51056	EA	6	0%	6	0.500	$ 78.00	$ 39.00	$ 46.50	$ 85.50	$ 513.00
77			Quad Receptacle W/ Data Outlet	EA	1	0%	1	0.650	$ 78.00	$ 50.70	$ 68.50	$ 119.20	$ 119.20
78			Duplex Receptacle in Single Gang Device Box, BK2048	EA	1	0%	1	0.350	$ 78.00	$ 27.30	$ 32.50	$ 59.80	$ 59.80
79			Quad Receptacle Wall Mounted, HUBBELL 420	EA	21	0%	21	0.450	$ 78.00	$ 35.10	$ 62.50	$ 97.60	$ 2,049.60
80			Duplex Receptacle, HUBBELL, CR5352	EA	42	0%	42	0.350	$ 78.00	$ 27.30	$ 35.50	$ 62.80	$ 2,637.60
81			Duplex Receptacle, GFCI, HUBBELL, GF5352	EA	8	0%	8	0.350	$ 78.00	$ 27.30	$ 38.50	$ 65.80	$ 526.40
82			Duplex Receptacle, IG , HUBBELL, IG5352	EA	1	0%	1	0.350	$ 78.00	$ 27.30	$ 40.50	$ 67.80	$ 67.80
83			Duplex Receptacle With Cord & Plug , HUBBELL, CR5352	EA	2	0%	2	0.400	$ 78.00	$ 31.20	$ 48.63	$ 79.83	$ 159.66
84			Multi-Outlet Plug Strip HUBBELL MODEL #HBL34GB306IV	EA	5	0%	5	1.000	$ 78.00	$ 78.00	$ 122.50	$ 200.50	$ 1,002.50
85			Wiremold 2 Compartment Tele/Power Pole 2-1/4" X 2-5/16" Model No. 25DTC-4 With (1) IG Receptacle & (1) Normal Receptacle	EA	6	0%	6	1.500	$ 78.00	$ 117.00	$ 250.00	$ 367.00	$ 2,202.00
86			20A Motor Rated Switch	EA	4	0%	4	0.350	$ 78.00	$ 27.30	$ 28.50	$ 55.80	$ 223.20
87			USB Receptacle Type A & C Combo LEVITON #TS833	EA	1	0%	1	0.600	$ 78.00	$ 46.80	$ 38.50	$ 85.30	$ 85.30
88			Quad W/ Tele Data Outlet	EA	1	0%	1	0.400	$ 78.00	$ 31.20	$ 62.50	$ 93.70	$ 93.70
89			30A Dedicated IG Receptacle NEMA L5-30R	EA	1	0%	1	0.380	$ 78.00	$ 29.64	$ 48.50	$ 78.14	$ 78.14
90			Quadruplex Receptacle, IG	EA	2	0%	2	0.450	$ 78.00	$ 35.10	$ 60.50	$ 95.60	$ 191.20
91			Duplex Receptacle, WP, , HUBBELL, CR5352	EA	7	0%	7	0.500	$ 78.00	$ 39.00	$ 40.50	$ 79.50	$ 556.50
			EMS										
			NOTE: Mechanical Contractor shall Provide & Install Low Voltage Cabling From EMS Devices to the RTU & Terminate the Low Voltage Cabling at Both Ends.										
			CONDUIT										
92			3/4" EMT Conduit W/ Pull String	LF	190	10%	209	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 1,445.44
			DEVICE										
93			WP Photocell, K4221C	EA	1	0%	1	0.500	$ 78.00	$ 39.00	$ -	$ 39.00	$ 39.00
94			Rib Relay	EA	1	0%	1	1.000	$ 78.00	$ 78.00	$ -	$ 78.00	$ 78.00
95			DCC2 2 wire Momentary Override Switch	EA	1	0%	1	0.400	$ 78.00	$ 31.20	$ -	$ 31.20	$ 31.20
96			Daylight Harvesting Sensor	EA	1	0%	1	0.650	$ 78.00	$ 50.70	$ -	$ 50.70	$ 50.70
97			Lighting Contractor Box , 12" X 12" Metal Box	EA	2	0%	2	1.000	$ 78.00	$ 78.00	$ -	$ 78.00	$ 156.00
98			Remote Dimming Module	EA	1	0%	1	0.700	$ 78.00	$ 54.60	$ -	$ 54.60	$ 54.60
99	SHEET#E1.1_E4.2, EMS403,EMS404	Installation Only	Lighting Control Module , 12" X 12" 4 Load lighting Control, Owner provided	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ -	$ 117.00	$ 117.00
100			dimming Lighting Controller Conjunction W/ RDM and Photocell	EA	1	0%	1	0.500	$ 78.00	$ 39.00	$ -	$ 39.00	$ 39.00
101			24V DC Transformer	EA	1	0%	1	0.450	$ 78.00	$ 35.10	$ -	$ 35.10	$ 35.10
102			4.1, 4P/20A Lighting Contactor	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ -	$ 117.00	$ 117.00
103			4.2, 4P/20A Lighting Contactor	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ -	$ 117.00	$ 117.00
104			4.3, 4P/20A Lighting Contactor	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ -	$ 117.00	$ 117.00
105			4.4, 4P/20A Lighting Contactor Exterior	EA	1	0%	1	1.500	$ 78.00	$ 117.00	$ -	$ 117.00	$ 117.00
106			Power Supply PSH500A-LVC	EA	1	0%	1	3.500	$ 78.00	$ 273.00	$ -	$ 273.00	$ 273.00
107			Junction Box	EA	19	0%	19	0.200	$ 78.00	$ 15.60	$ 20.50	$ 36.10	$ 685.90
			LIGHTING										
			CONDUIT										
108			3/4" EMT Conduit	LF	2515	10%	2767	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 19,133.11
			CONDUCTOR										
109			3#12 MC Cable	LF	692	10%	761	0.018	$ 78.00	$ 1.40	$ 1.25	$ 2.65	$ 2,020.20
110			3#10 MC Cable	LF	1515	10%	1666	0.024	$ 78.00	$ 1.87	$ 2.50	$ 4.37	$ 7,285.75
111			2#8, #10 MC Cable	LF	5056	10%	5561	0.028	$ 78.00	$ 2.18	$ 2.11	$ 4.29	$ 23,879.43
112			#10 CU THHN/THWN	LF	3500	10%	3850	0.008	$ 78.00	$ 0.62	$ 0.28	$ 0.90	$ 3,480.40
113			#8 CU THHN/THWN	LF	4046	10%	4451	0.010	$ 78.00	$ 0.78	$ 0.68	$ 1.46	$ 6,498.61
			LIGHTING FIXTURES										
114			A, 3D Printed Highbay Fixture With White Cord And Plug And Screw In LED Lamp, Lamp Type: PHILIPS: 145HB/LED/840/D WB/UDL/BB/G2/4/1, Manufacturer: LIGHTOLIER BY SIGNIFY, Model: 3DP HB L CL TC WHGL 200L VWB 840K CWHP	EA	75	0%	75	1.859	$ 78.00	$ 145.00	$ 425.50	$ 570.50	$ 42,787.65
115			A/NL, 3D Printed Highbay Fixture With White Cord And Plug And Screw In LED Lamp W/ Night Light, Lamp Type: PHILIPS: 145HB/LED/840/D WB/UDL/BB/G2/4/1, Manufacturer: LIGHTOLIER BY SIGNIFY, Model: 3DP HB L CL TC WHGL 200L VWB 840K CWHP	EA	11	0%	11	1.859	$ 78.00	$ 145.00	$ 485.50	$ 630.50	$ 6,935.52
116			B, Par 38 Front Relamping Gimbal Line Voltage Track Head With Track, Track: HALO-L650, L652, Lamp Type: TCP: TCLED17P38D41KFL, Manufacturer: CONTECH, Model: HTL2838N-P	EA	42	0%	42	1.685	$ 78.00	$ 131.43	$ 166.37	$ 297.80	$ 12,507.60
117			C, 3500K Vanity Light, Integral LED, Manufacturer: LITHONIA, Model: FMVCCLS-24IN-MVOLT-30K35K40K090CRI-BN-M6	EA	2	0%	2	1.210	$ 78.00	$ 94.38	$ 130.84	$ 225.22	$ 450.44
118			DL, Dock Light With Arm, Integral LED, Manufacturer: TRACELITE, Model: LDL-30-15D-C-WG-YL	EA	2	0%	2	1.421	$ 78.00	$ 110.84	$ 150.08	$ 260.92	$ 521.84
119			DN, Retrofit LED Downlight, Integral LED, Manufacturer: HALO COMMERCIAL, Model: HC6XXD010	EA	5	0%	5	0.815	$ 78.00	$ 63.57	$ 78.25	$ 141.82	$ 709.10
120			DNE, Retrofit LED Downlight With Emergency Battery Backup, Integral LED, Manufacturer: HALO COMMERCIAL, Model: HC6XXD010REM14	EA	2	0%	2	1.385	$ 78.00	$ 108.03	$ 596.05	$ 704.08	$ 1,408.16
121			DWC, 4' LED Surface Strip, Integral LED, 5,000 Lumens, Manufacturer: ACUITY, Model: CLX-L48-5000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-PLR1LVG-WH	EA	5	0%	5	1.668	$ 78.00	$ 130.10	$ 248.39	$ 378.49	$ 1,892.47
122			DWCE, 4' LED Surface Strip With 90 Minutes Battery Backup, 5000 Lumens, Integral LED, Manufacturer: ACUITY, Model: CLX-L48-5000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-E10W-SPD-PLR1LVG-WH	EA	5	0%	5	2.215	$ 78.00	$ 172.77	$ 328.95	$ 501.72	$ 2,508.60
123			EM1, 2-Head Adjustable Emergency Light With 90 Minute Battery Backup, Integral LED, Manufacturer: CHLORIDE BY SIGNIFY, Model: CLU2NW	EA	32	0%	32	1.320	$ 78.00	$ 102.96	$ 248.16	$ 351.12	$ 11,235.84
124			EM2, 2-Head Adjustable Emergency Light With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: NFT-B	EA	3	0%	3	1.210	$ 78.00	$ 94.38	$ 190.75	$ 285.13	$ 855.39
125			HB, Par 30 Front Relamping Gimbal Line Voltage Track Head, Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-M	EA	10	0%	10	0.685	$ 78.00	$ 53.43	$ 53.00	$ 106.43	$ 1,064.30
126			HB, Par 30 Front Relamping Gimbal Line Voltage Track, Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-M	LF	16	0%	16	0.121	$ 78.00	$ 9.44	$ 8.05	$ 17.49	$ 283.27
127			HB2, Par 30 Front Relamping Gimbal Line Voltage Track Head , Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-B-L936MB	EA	9	0%	9	0.685	$ 78.00	$ 53.43	$ 50.33	$ 103.76	$ 933.84
128			HB2, Par 30 Front Relamping Gimbal Line Voltage Track, Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-B-L936MB	LF	40	0%	40	0.121	$ 78.00	$ 9.44	$ 8.05	$ 17.49	$ 707.81
129			ION, 4' LED Strip With 100W Driver (NUALIGHT NV24S100), Integral LED, Manufacturer: NAULIGHT, Model: ION H SHELF 1136 4000K VIVACE, Furnished and installed By Vendor	EA	329	0%	329	0.000	$ 78.00	$ -	$ -	$ -	$ -
130			ION3, 3' LED Strip With 100W Driver (NUALIGHT NV24S100), Integral LED, Manufacturer: NAULIGHT, Model: ION H SHELF 1136 4000K VIVACE	EA	16	0%	16	1.000	$ 78.00	$ 78.00	$ 180.50	$ 258.50	$ 4,136.00
131		From Electrical Plans	M, 2'x4' Flat Panel, Integral LED, Manufacturer: ACUITY, Model: CPX-2X4-ALO8-SWW7-M2	EA	10	0%	10	1.415	$ 78.00	$ 110.37	$ 84.78	$ 195.15	$ 1,951.50
132			ME, 2'x4' Flat Panel With 90 Minutes Battery Backup, Integral LED, Manufacturer: ACUITY, Model: CPX-2X4-ALO8-SWW7-M2-ILBLP-CP10-HE-SD-A-M9	EA	12	0%	12	1.688	$ 78.00	$ 131.66	$ 157.48	$ 289.14	$ 3,469.73
133			Q, Cord Hung Black Cylinder Track Heads, Lamp: TCP-TCLED17P38D30KFL, Manufacturer: HI-LITE, Model: H-046BA9112	EA	20	0%	20	0.859	$ 78.00	$ 67.00	$ 150.50	$ 217.50	$ 4,350.04
134			Q , Cord Hung Black Cylinder Track , Lamp: TCP-TCLED17P38D30KFL, Manufacturer: HI-LITE, Model: H-046BA9112	LF	78	0%	78	0.105	$ 78.00	$ 8.19	$ 9.50	$ 17.69	$ 1,373.10
135			R, LED Decorative Pendant Light, Lamp: ARCHIPELAGO-LTB10F35027CB-90, Manufacturer: KICHLER, Model: 9855LD	EA	4	0%	4	2.235	$ 78.00	$ 174.33	$ 792.95	$ 967.28	$ 3,869.12
136			S, 8' LED Strip Light, 10,000 Lumens, Integral LED, Manufacturer: ACUITY, Model: CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-PLR1LVG-WH	EA	5	0%	5	1.851	$ 78.00	$ 144.38	$ 496.88	$ 641.26	$ 3,206.29
137			SC24, Exterior LED Sconce Light-24" Tall (Finish To Be Black), Integral LED, Manufacturer: OCL ARCHITECTURAL LTG, Model: AU1-010A-24-GW-BKP-LED1/XXK-UNV-DM1	EA	4	0%	4	1.958	$ 78.00	$ 152.72	$ 325.00	$ 477.72	$ 1,910.90
138			SE, 8' LED Strip Light With 90 Minutes Battery Backup, 10,000 Lumens, Integral LED, Manufacturer: ACUITY, Model: CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-E10W-SPD-PLR1LVG-WH	EA	2	0%	2	2.568	$ 78.00	$ 200.30	$ 941.18	$ 1,141.48	$ 2,282.97
139			SE/NL,8' LED Strip Light With 90 Minutes Battery Backup, 10,000 Lumens, Integral LED W/ Night Light , Manufacturer: ACUITY, Model: CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-E10W-SPD-PLR1LVG-WH	EA	3	0%	3	2.568	$ 78.00	$ 200.30	$ 941.18	$ 1,141.48	$ 3,424.45
140			W, LED Wall Wash Light, Integral LED, Track: HALO-L650,L652 In Black, Manufacturer: GE ILLUMINATION, Model: LTQIDA139WW940PQG1WHITE	LF	291	0%	291	0.100	$ 78.00	$ 7.80	$ 8.05	$ 15.85	$ 4,618.28
141			W ,LED Wall Wash Light, Integral LED Track Heads, Track: HALO-L650,L652 In Black, Manufacturer: GE ILLUMINATION, Model: LTQIDA139WW940PQG1WHITE	EA	28	0%	28	1.887	$ 78.00	$ 147.19	$ 165.50	$ 312.69	$ 8,755.21
142			WP X2,Wall Mount LED Exit Sign With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: TRL-ACEM-BR-CL	EA	2	0%	2	2.385	$ 78.00	$ 186.03	$ 423.00	$ 609.03	$ 1,218.06
143			X1, Wall Mount LED Exit Sign With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: VEX-U-BP-WB-WH	EA	8	0%	8	0.715	$ 78.00	$ 55.77	$ 50.00	$ 105.77	$ 846.16
144			X2, Wall Mount LED Exit Sign With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: TRL-ACEM-BR-CL	EA	1	0%	1	2.385	$ 78.00	$ 186.03	$ 423.00	$ 609.03	$ 609.03
145			BOF Light Provided By Vendor Installed BY EC , Schedule Not Given	EA	4	0%	4	1.526	$ 78.00	$ 119.03	$ -	$ 119.03	$ 476.11
			LIGHTING FIXTURE DETAILS										
146			#12 hanging Wire	LF	88	10%	97	0.005	$ 78.00	$ 0.39	$ 0.13	$ 0.52	$ 50.67
147			Air Craft Cable	LF	258	10%	284	0.015	$ 78.00	$ 1.17	$ 0.78	$ 1.95	$ 553.41
148			Junction Box	EA	108	0%	108	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 2,485.08
			LIGHTING CONTROL										
149			Single Pole Occupancy Sensor Switch Wall Mounted	EA	7	0%	7	0.785	$ 78.00	$ 61.23	$ 49.98	$ 111.21	$ 778.47
150			Ceiling Mounted Occupancy Sensor, MDL: OAWC-DT W/ All its Associated Accessories For Complete Installation	EA	1	0%	1	0.888	$ 78.00	$ 69.26	$ 179.00	$ 248.26	$ 248.26
151			Single Pole Manual Switch Wall Mounted, HUBBELL CS1221	EA	10	0%	10	0.452	$ 78.00	$ 35.26	$ 16.19	$ 51.45	$ 514.46
152			3 Pole switch Wall Mounted, HUBBELL CS1223	EA	2	0%	2	0.526	$ 78.00	$ 41.03	$ 13.31	$ 54.34	$ 108.68
153			Manual Wall Dimmer switch Wall Mounted, MFG: LUTRON, MDL: S-600	EA	4	0%	4	0.585	$ 78.00	$ 45.63	$ 26.29	$ 71.92	$ 287.68

DETAILED BREAKDOWN OF ITEMS

Prepared for: Store #543, 2912 Soncy Road Amarillo, TX 79124
Project ID: 21082026
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
154			High Bay Ceiling Mounted Occupancy Sensor, MFG: GREENGATE, MDL: OXC-P-2MHO-R	EA	2	0%	2	1.215	$ 78.00	$ 94.77	$ 172.39	$ 267.16	$ 534.32
155			Cooper Lighting, Halo Power-Track Current limiter, MDL: LC901-CB	EA	5	0%	5	2.514	$ 78.00	$ 196.09	$ 226.88	$ 422.97	$ 2,114.86
156			Lighting Control Panel	EA	1	0%	1	3.526	$ 78.00	$ 275.03	$ 1,291.35	$ 1,566.38	$ 1,566.38
			MISCELLANEOUS										
157			Junction Box For Humidor Lights and Controlled By Lighting Control Relay	EA	1	0%	1	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 23.01
158			Junction Box	EA	23	0%	23	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 529.23
159			9" X 9" Junction Box	EA	1	0%	1	0.452	$ 78.00	$ 35.26	$ 51.46	$ 86.72	$ 86.72
160			Junction Box	EA	26	0%	26	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 598.26
161			12"X12"X4" Recessed Junction Box	EA	2	0%	2	0.625	$ 78.00	$ 48.75	$ 75.62	$ 124.37	$ 248.74
162			Single Gang Junction Box	EA	1	0%	1	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 23.01
			SAW CUT										
163			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	25	0%	25	0.112	$ 78.00	$ 8.74	$ -	$ 8.74	$ 218.40
												SUBTOTAL $	**460,660**
			COMMUNICATION										
			TELECOMMUNICATION										
			NOTE: Telephone, Data, Cabling & Equipment is Furnished & Installed By TWM.										
			CONDUIT										
164		By EC	1-1/2" PVC SCH 40 Conduit With Pull String	LF	13	10%	14	0.080	$ 78.00	$ 6.24	$ 2.85	$ 9.09	$ 131.59
165		By EC	1-1/2" EMT Conduit With Pull String	LF	210	10%	231	0.089	$ 78.00	$ 6.94	$ 5.90	$ 12.84	$ 2,963.82
166		By EC	1/2" EMT Conduit With Pull String	LF	68	10%	75	0.047	$ 78.00	$ 3.67	$ 1.25	$ 4.92	$ 368.31
167		By EC	3/4" EMT Conduit With Pull String	LF	46	10%	51	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 352.84
168		By EC	4" EMT Conduit With Pull String	LF	190	10%	209	0.200	$ 78.00	$ 15.60	$ 19.15	$ 34.75	$ 7,273.45
			DEVICES										
169		By EC	Junction Box	EA	20	0%	20	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 460.20
			SECURITY										
			NOTE: Building Security System is Furnished & Installed by TWM.										
	SHEET#E1.1,E1.2		**CONDUIT**										
170		By EC	3/4" EMT Conduit With Pull String	LF	11	10%	12	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 85.43
171		By EC	1" EMT Conduit With Pull String	LF	13	10%	14	0.070	$ 78.00	$ 5.46	$ 3.76	$ 9.22	$ 129.72
172		By EC	3/4" EMT Conduit With Ring/Pull String	LF	26	10%	29	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 199.32
			DEVICES										
173		By EC	Single Gang Junction Box For Card Reader	EA	1	0%	1	0.256	$ 78.00	$ 19.97	$ 8.69	$ 28.66	$ 28.66
174		By EC	WP Single Gang Junction Box For Card Reader	EA	1	0%	1	0.287	$ 78.00	$ 22.39	$ 12.98	$ 35.37	$ 35.37
175		By EC	4" Junction Box W/ 1 Gang Plaster Ring (1) Volume Mixer	EA	1	0%	1	0.752	$ 78.00	$ 58.66	$ 30.43	$ 89.09	$ 89.09
176		By EC	Junction Box	EA	2	0%	2	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 46.02
			AUDIO/VISUAL SYSTEM										
			NOTE: Sound System is Furnished & Installed By TWM.										
			CONDUIT										
177		By EC	3/4" EMT Conduit With Pull String	LF	22	10%	25	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 170.79
			DEVICES										
178			12" X 12" X 4" Recessed junction Box For Access Door Controller Board	EA	1	0%	1	0.521	$ 78.00	$ 40.64	$ 80.82	$ 121.46	$ 121.46
												SUBTOTAL $	**12,456**
			ELECTRONIC SAFETY AND SECURITY										
			FIRE ALARM										
			CONDUIT										
179		From Electrical Plans	3/4" EMT Conduit	LF	533	10%	586	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 4,054.85
180	FAD1.0,FA1.0,FA2.0 ,EMS403,EMS404	From Electrical Plans	3/4" EMT Conduit **(As Required By Manufacturer, Contractor To Verify)**	LF	346	10%	381	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 2,632.23
181		From Electrical Plans	3/4" EMT Conduit **(Wet Location)**	LF	5	10%	6	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 38.04
			DEVICES										
182		From Electrical Plans	Junction Box	EA	37	0%	37	0.220	$ 78.00	$ 17.16	$ 5.85	$ 23.01	$ 851.37
183		From Electrical Plans	WP Junction Box	EA	1	0%	1	0.220	$ 78.00	$ 17.16	$ 8.99	$ 26.15	$ 26.15
												SUBTOTAL $	**7,603**

	PROJECTED COST	**$544,512**
OVERHEAD	**15%**	**$81,677**
PROFIT	**15%**	**$81,677**
LABOR SUBCONTRACT	**10%**	**$25,779**
INSURANCE	**3%**	**$16,335**
CONTINGENCY	**5%**	**$27,226**
TAX	**8.25%**	**$20,041**
SUGGESTED BID		**$797,246**

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

DETAILED BREAKDOWN OF ITEMS

Prepared for: Store #543, 2912 Soncy Road Amarillo, TX 79124
Project ID: 21082026
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	ELECTRICAL				
	DISTRIBUTION				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
1	3-1/2" EMT Conduit	EA	1	0%	1
2	2" EMT Conduit	EA	6	0%	6
	CONDUCTOR				
	1 ROLL = 100 LF				
3	#6 CU THHN/THWN	ROLL	1	0%	1
4	#3/0 CU THHN/THWN	ROLL	1	0%	1
5	#2/0 CU THHN/THWN	ROLL	1	0%	1
6	#1/0 CU THHN/THWN	ROLL	1	0%	1
7	#600 KCMIL CU THHN/THWN	ROLL	1	0%	1
	LUGS				
8	Compression Lug CU With 1-Hole , #8 CU Wire	EA	48	0%	48
9	Heat Shrink Tubing for #8 CU Wire	EA	48	0%	48
10	Compression Lug CU With 1-Hole , #6 CU Wire	EA	4	0%	4
11	Heat Shrink Tubing for #6 CU Wire	EA	4	0%	4
12	Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	2	0%	2
13	Heat Shrink Tubing for #1/0 CU Wire	EA	2	0%	2
14	Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	6	0%	6
15	Heat Shrink Tubing for #2/0 CU Wire	EA	6	0%	6
16	Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	8	0%	8
17	Heat Shrink Tubing for #3/0 CU Wire	EA	8	0%	8
18	Compression Lug CU With 1-Hole , #600 KCMIL CU Wire	EA	8	0%	8
19	Heat Shrink Tubing for #600 KCMIL CU Wire	EA	8	0%	8
	CIRCUIT BREAKER				
20	2P/20A HACR Type Circuit Breaker	EA	4	0%	4
21	3P/30A HACR Type Circuit Breaker	EA	1	0%	1
22	1P/20A HACR Type Circuit Breaker	EA	3	0%	3
23	1P/15A HACR Type Circuit Breaker	EA	3	0%	3
24	2P/40A GFCI Type Circuit Breaker	EA	1	0%	1
25	2P/15A HACR Type Circuit Breaker	EA	1	0%	1
26	1P/20A Circuit Breaker	EA	16	0%	16
27	1P/30A Circuit Breaker	EA	1	0%	1
28	3P/200A Circuit Breaker	EA	1	0%	1
29	3P/400A Main Circuit Breaker	EA	1	0%	1
30	1P/15A HACR Type and LCM Controlled Circuit Breaker	EA	1	0%	1
31	1P/20A GFCI Type Circuit Breaker	EA	2	0%	2
32	1P/20A Lock On Device	EA	1	0%	1
	PANEL				
33	Panel "A" 400A MCB, 400A Bus Rating , 120/208V, 3 Phase, 4 Wire, 42 Poles,10K AIC Rating, Surface Mounted NEMA 1	EA	1	0%	1
	DEVICES				
34	112.5KVA Transformer	EA	1	0%	1
35	3' X 3' Concrete Pad For Transformer	EA	1	0%	1
	DISCONNECT SWITCH				
36	2P/30A Non Fusible Disconnect Switch, NEMA-1	EA	6	0%	6

DETAILED BREAKDOWN OF ITEMS

Prepared for: Store #543, 2912 Soncy Road Amarillo, TX 79124
Project ID: 21082026
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
37	3P/30A Non Fusible Disconnect Switch, NEMA-1	EA	2	0%	2
38	3P/60A Non Fusible Disconnect Switch, NEMA-3R	EA	5	0%	5
39	3P/30A Non Fusible Disconnect Switch, NEMA-3R	EA	2	0%	2
40	2P/60A Lockable Disconnect Switch, NEMA-1	EA	1	0%	1
	GROUNDING				
41	#1/0 Grounding Conductor	ROLL	1	0%	1
42	#6 Grounding Conductor	ROLL	1	0%	1
43	3/4" X 10' Copper Ground Rod	EA	1	0%	1
44	Grounding Bus Bar, MDL: 13622-010	EA	1	0%	1
45	Exothermic Weld	EA	3	0%	3
	POWER				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
46	1" EMT Conduit	EA	674	0%	674
47	1" PVC SCH 40 Conduit	EA	3	0%	3
48	3/4" EMT Conduit	EA	882	0%	882
49	3/4" FLEX-S Conduit	EA	4	0%	4
50	3/4" LFMC Conduit	EA	3	0%	3
51	3/4" RGS Conduit	EA	10	0%	10
	CONDUCTOR				
	1 ROLL = 100 LF				
52	5#12 MC Cable	ROLL	1	0%	1
53	3#12 MC Cable	ROLL	3	0%	3
54	3#10 MC Cable	ROLL	1	0%	1
55	2#8, #10 MC Cable	ROLL	4	0%	4
56	#12 CU THHN/THWN	ROLL	61	0%	61
57	#10 CU THHN/THWN	ROLL	169	0%	169
58	#8 CU THHN/THWN	ROLL	286	0%	286
	DEVICE				
59	Twist Lock Receptacle Ceiling Mounted, NEMA L7-15R, 5' Cord and Plug	EA	85	0%	85
60	(1) 100W Driver , MDL: NUALIGHT NV24S100 For light ION, ION3	EA	172	0%	172
61	(1) 90W Driver, MDL: NUALIGHT N51056	EA	6	0%	6
62	Quad Receptacle W/ Data Outlet	EA	1	0%	1
63	Duplex Receptacle in Single Gang Device Box, BK2048	EA	1	0%	1
64	Quad Receptacle Wall Mounted, HUBBELL 420	EA	21	0%	21
65	Duplex Receptacle, HUBBELL, CR5352	EA	42	0%	42
66	Duplex Receptacle, GFCI, HUBBELL, GF5352	EA	8	0%	8
67	Duplex Receptacle, IG , HUBBELL, IG5352	EA	1	0%	1
68	Duplex Receptacle With Cord & Plug , HUBBELL, CR5352	EA	2	0%	2
69	Multi-Outlet Plug Strip HUBBELL MODEL #HBL34GB306IV	EA	5	0%	5
70	Wiremold 2 Compartment Tele/Power Pole 2-1/4" X 2-5/16" Model No. 25DTC-4 With (1) IG Receptacle & (1) Normal Receptacle	EA	6	0%	6
71	20A Motor Rated Switch	EA	4	0%	4
72	USB Receptacle Type A & C Combo LEVITON #T5833	EA	1	0%	1
73	Quad W/ Tele Data Outlet	EA	1	0%	1
74	30A Dedicated IG Receptacle NEMA L5-30R	EA	1	0%	1
75	Quadruplex Receptacle, IG	EA	2	0%	2
76	Duplex Receptacle, WP, , HUBBELL, CR5352	EA	7	0%	7
	EMS				
	NOTE: Mechanical Contractor shall Provide & Install Low Voltage Cabling From EMS Devices to the RTU & Terminate the Low Voltage Cabling at Both Ends.				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
77	3/4" EMT Conduit W/ Pull String	EA	21	0%	21
	DEVICE				
78	WP Photocell, K4221C	EA	1	0%	1
79	Rib Relay	EA	1	0%	1
80	DCC2 2 wire Momentary Override Switch	EA	1	0%	1
81	Daylight Harvesting Sensor	EA	1	0%	1
82	Lighting Contractor Box , 12" X 12" Metal Box	EA	2	0%	2
83	Remote Dimming Module	EA	1	0%	1
84	Lighting Control Module , 12" X 12" 4 Load lighting Control, Owner provided	EA	1	0%	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Store #543, 2912 Soncy Road Amarillo, TX 79124
Project ID: 21082026
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
85	dimming Lighting Controller Conjunction W/ RDM and Photocell	EA	1	0%	1
86	24V DC Transformer	EA	1	0%	1
87	4.1, 4P/20A Lighting Contactor	EA	1	0%	1
88	4.2, 4P/20A Lighting Contactor	EA	1	0%	1
89	4.3, 4P/20A Lighting Contactor	EA	1	0%	1
90	4.4, 4P/20A Lighting Contactor Exterior	EA	1	0%	1
91	Power Supply PSH500A-LVC	EA	1	0%	1
92	Junction Box	EA	19	0%	19
	LIGHTING				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
93	3/4" EMT Conduit	EA	277	0%	277
	CONDUCTOR				
	1 ROLL = 100 LF				
94	3#12 MC Cable	ROLL	8	0%	8
95	3#10 MC Cable	ROLL	17	0%	17
96	2#8, #10 MC Cable	ROLL	56	0%	56
97	#10 CU THHN/THWN	ROLL	39	0%	39
98	#8 CU THHN/THWN	ROLL	45	0%	45
	LIGHTING FIXTURES				
99	A, 3D Printed Highbay Fixture With White Cord And Plug And Screw In LED Lamp, Lamp Type: PHILIPS: 145HB/LED/840/D WB/UDL/BB/G2/4/1, Manufacturer: LIGHTOLIER BY SIGNIFY, Model: 3DP HB L CL TC WHGL 200L VWB 840K CWHP	EA	75	0%	75
100	A/NL, 3D Printed Highbay Fixture With White Cord And Plug And Screw In LED Lamp W/ Night Light, Lamp Type: PHILIPS: 145HB/LED/840/D WB/UDL/BB/G2/4/1, Manufacturer: LIGHTOLIER BY SIGNIFY, Model: 3DP HB L CL TC WHGL 200L VWB 840K CWHP	EA	11	0%	11
101	B, Par 38 Front Relamping Gimbal Line Voltage Track Head With Track, Track: HALO-L650, L652, Lamp Type: TCP: TCLED17P38D41KFL, Manufacturer: CONTECH, Model: HTL2838N-P	EA	42	0%	42
102	C, 3500K Vanity Light, Integral LED, Manufacturer: LITHONIA, Model: FMVCCLS-24IN-MVOLT-30K35K40K090CRI-BN-M6	EA	2	0%	2
103	DL, Dock Light With Arm, Integral LED, Manufacturer: TRACELITE, Model: LDL-30-15D-C-WG-YL	EA	2	0%	2
104	DN, Retrofit LED Downlight, Integral LED, Manufacturer: HALO COMMERCIAL, Model: HC6XXD010	EA	5	0%	5
105	DNE, Retrofit LED Downlight With Emergency Battery Backup, Integral LED, Manufacturer: HALO COMMERCIAL, Model: HC6XXD010REM14	EA	2	0%	2
106	DWC, 4' LED Surface Strip, Integral LED, 5,000 Lumens, Manufacturer: ACUITY, Model: CLX-L48-5000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-PLR1LVG-WH	EA	5	0%	5
107	DWCE, 4' LED Surface Strip With 90 Minutes Battery Backup, 5000 Lumens, Integral LED, Manufacturer: ACUITY, Model: CLX-L48-5000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-E10W-SPD-PLR1LVG-WH	EA	5	0%	5
108	EM1, 2-Head Adjustable Emergency Light With 90 Minute Battery Backup, Integral LED, Manufacturer: CHLORIDE BY SIGNIFY, Model: CLU2NW	EA	32	0%	32
109	EM2, 2-Head Adjustable Emergency Light With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: NFT-B	EA	3	0%	3
110	HB, Par 30 Front Relamping Gimbal Line Voltage Track Head, Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-M	EA	10	0%	10
111	HB, Par 30 Front Relamping Gimbal Line Voltage Track, Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-M	EA	2	0%	2
112	HB2, Par 30 Front Relamping Gimbal Line Voltage Track Head , Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-B-L936MB	EA	9	0%	9
113	HB2, Par 30 Front Relamping Gimbal Line Voltage Track, Lamp: TCP; TCLED12P30D30KFLB, Track: HALO-L650,L652, Manufacturer: CONTECH, Model: HTL8130LN-B-L936MB	EA	4	0%	4
114	ION, 4' LED Strip With 100W Driver (NUALIGHT NV24S100), Integral LED, Manufacturer: NAULIGHT, Model: ION H SHELF 1136 4000K VIVACE, Furnished and installed By Vendor	EA	329	0%	329
115	ION3, 3' LED Strip With 100W Driver (NUALIGHT NV24S100), Integral LED, Manufacturer: NAULIGHT, Model: ION H SHELF 1136 4000K VIVACE	EA	16	0%	16
116	M, 2'x4' Flat Panel, Integral LED, Manufacturer: ACUITY, Model: CPX-2X4-ALO8-SWW7-M2	EA	10	0%	10
117	ME, 2'x4' Flat Panel With 90 Minutes Battery Backup, Integral LED, Manufacturer: ACUITY, Model: CPX-2X4-ALO8-SWW7-M2-ILBLP-CP10-HE-SD-A-M9	EA	12	0%	12

DETAILED BREAKDOWN OF ITEMS

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ELECTRICAL ESTIMATION
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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
118	Q, Cord Hung Black Cylinder Track Heads, Lamp: TCP-TCLED17P38D30KFL, Manufacturer: HI-LITE, Model: H-046BA9112	EA	20	0%	20
119	Q , Cord Hung Black Cylinder Track , Lamp: TCP-TCLED17P38D30KFL, Manufacturer: HI-LITE, Model: H-046BA9112	EA	9	0%	9
120	R, LED Decorative Pendant Light, Lamp: ARCHIPELAGO-LTB10F35027CB-90, Manufacturer: KICHLER, Model: 9855LD	EA	4	0%	4
121	S, 8' LED Strip Light, 10,000 Lumens, Integral LED, Manufacturer: ACUITY, Model: CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-PLR1LVG-WH	EA	5	0%	5
122	SC24, Exterior LED Sconce Light-24" Tall (Finish To Be Black), Integral LED, Manufacturer: OCL ARCHITECTURAL LTG, Model: AU1-010A-24-GW-BKP-LED1/XXK-UNV-DM1	EA	4	0%	4
123	SE, 8' LED Strip Light With 90 Minutes Battery Backup, 10,000 Lumens, Integral LED, Manufacturer: ACUITY, Model: CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-E10W-SPD-PLR1LVG-WH	EA	2	0%	2
124	SE/NL,8' LED Strip Light With 90 Minutes Battery Backup, 10,000 Lumens, Integral LED W/ Night Light , Manufacturer: ACUITY, Model: CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI-E10W-SPD-PLR1LVG-WH	EA	3	0%	3
125	W, LED Wall Wash Light, Integral LED, Track: HALO-L650,L652 In Black, Manufacturer: GE ILLUMINATION, Model: LTQIDA139WW940PQG1WHITE	EA	30	0%	30
126	W ,LED Wall Wash Light, Integral LED Track Heads, Track: HALO-L650,L652 In Black, Manufacturer: GE ILLUMINATION, Model: LTQIDA139WW940PQG1WHITE	EA	28	0%	28
127	WP X2,Wall Mount LED Exit Sign With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: TRL-ACEM-BR-CL	EA	2	0%	2
128	X1, Wall Mount LED Exit Sign With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: VEX-U-BP-WB-WH	EA	8	0%	8
129	X2, Wall Mount LED Exit Sign With 90 Minute Battery Backup, Integral LED, Manufacturer: EXITRONIX, Model: TRL-ACEM-BR-CL	EA	1	0%	1
130	BOF Light Provided By Vendor Installed BY EC , Schedule Not Given	EA	4	0%	4
	LIGHTING FIXTURE DETAILS				
131	#12 hanging Wire (100 LF Roll)	ROLL	1	0%	1
132	Air Craft Cable (100 LF Roll)	ROLL	3	0%	3
133	Junction Box	EA	108	0%	108
	LIGHTING CONTROL				
134	Single Pole Occupancy Sensor Switch Wall Mounted	EA	7	0%	7
135	Ceiling Mounted Occupancy Sensor, MDL: OAWC-DT W/ All its Associated Accessories For Complete Installation	EA	1	0%	1
136	Single Pole Manual Switch Wall Mounted, HUBBELL CS1221	EA	10	0%	10
137	3 Pole switch Wall Mounted, HUBBELL CS1223	EA	2	0%	2
138	Manual Wall Dimmer switch Wall Mounted, MFG: LUTRON, MDL: S-600	EA	4	0%	4
134	High Bay Ceiling Mounted Occupancy Sensor, MFG: GREENGATE, MDL: OXC-P-2MHO-R	EA	2	0%	2
136	Cooper Lighting, Halo Power-Track Current limiter, MDL: LC901-CB	EA	5	0%	5
139	Lighting Control Panel	EA	1	0%	1
	MISCELLANEOUS				
140	Junction Box For Humidor Lights and Controlled By Lighting Control Relay	EA	1	0%	1
141	Junction Box	EA	23	0%	23
142	9" X 9" Junction Box	EA	1	0%	1
143	Junction Box	EA	26	0%	26
144	12"X12"X4" Recessed Junction Box	EA	2	0%	2
145	Single Gang Junction Box	EA	1	0%	1
	COMMUNICATION				
	TELECOMMUNICATION				
	NOTE: Telephone, Data, Cabling & Equipment is Furnished & Installed By TWM.				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
146	1-1/2" PVC SCH 40 Conduit With Pull String	EA	1	0%	1
147	1-1/2" EMT Conduit With Pull String	EA	23	0%	23
148	1/2" EMT Conduit With Pull String	EA	8	0%	8
149	3/4" EMT Conduit With Pull String	EA	5	0%	5
150	4" EMT Conduit With Pull String	EA	21	0%	21
	DEVICES				
153	Junction Box	EA	20	0%	20
	SECURITY				

DETAILED BREAKDOWN OF ITEMS

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Project ID: 21082026
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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	NOTE: Building Security System is Furnished & Installed by TWM.				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
154	3/4" EMT Conduit With Pull String	EA	1	0%	1
155	1" EMT Conduit With Pull String	EA	1	0%	1
156	3/4" EMT Conduit With Ring/Pull String	EA	3	0%	3
	DEVICES				
159	Single Gang Junction Box For Card Reader	EA	1	0%	1
200	WP Single Gang Junction Box For Card Reader	EA	1	0%	1
201	4" Junction Box W/ 1 Gang Plaster Ring (1) Volume Mixer	EA	1	0%	1
202	Junction Box	EA	2	0%	2
	AUDIO/VISUAL SYSTEM				
	NOTE: Sound System is Furnished & Installed By TWM.				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
203	3/4" EMT Conduit With Pull String	EA	3	0%	3
	DEVICES				
204	12" X 12" X 4" Recessed junction Box For Access Door Controller Board	EA	1	0%	1
	ELECTRONIC SAFETY AND SECURITY				
	FIRE ALARM				
	CONDUIT				
	1 CUT LENGTH = 10 LF				
205	3/4" EMT Conduit	EA	59	0%	59
206	3/4" EMT Conduit **(As Required By Manufacturer, Contractor To Verify)**	EA	38	0%	38
207	3/4" EMT Conduit **(Wet Location)**	EA	1	0%	1
	DEVICES				
227	Junction Box	EA	37	0%	37
228	WP Junction Box	EA	1	0%	1