

GENERAL SUMMARY

Prepared for: Additions & Renovations Iredell County Animal Services Shelter, 401 Bristol Drive, Statesville, North Carolina
Project ID: 11092026
Scope: Electrical
No. Of Floors: 1
Date: 28-Sep-26

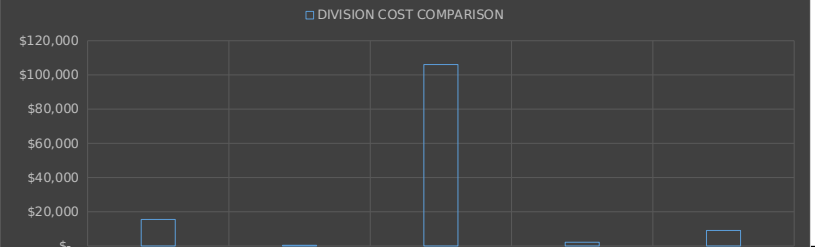


BUILDING GSF 4,986

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 15,500	\$ 3
2000	Existing Condition	\$ 379	\$ 0
26000	Electrical	\$ 106,069	\$ 21
27000	Communications	\$ 2,194	\$ 0
28000	Electronic Safety and Security	\$ 9,059	\$ 1
TOTAL TRADE COST		\$ 133,202	\$

OVERHEAD AND PROFIT	30%	\$ 39,961	\$ 8
SUB-CONTRACTOR MARGIN	10%	\$ 5,392	\$ 1
INSURANCE	3%	\$ 3,996	\$ 0
CONTINGENCY	5%	\$ 6,660	\$ 1
TAX	7%	\$ 4,305	\$ 0
SUGGESTED BID		\$ 193,516	\$

DIVISION COST COMPARISON



ELECTRICAL ESTIMATING

DETAILED BREAKDOWN OF ITEMS														
Prepared for:		Additions & Renovations Iredell County Animal Services Shelter, 401 Bristol Drive, Statesville, North Carolina												
Project ID:		11092026										+1 (214) 556-2605		
Scope:		Electrical										Date: 28-Sep-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	\$ -	\$ -	\$ -	\$ 4,500.00	\$ 4,500.00	
2			Owner/Governmental Safety Requirements	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	
QUALITY REQUIREMENTS														
3			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00	
4			Testing, Commissioning & Inspection Services	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00	
TEMPORARY FACILITIES & CONTROLS														
5			Temporary Utilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00	
6			Construction Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	
EXECUTION & CLOSEOUT REQUIREMENT														
7			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	
8			Final Inspections & Certificate of Occupancy	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	
MISC.														
9			Bid Bonds	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
10			Performance & Payment Bonds	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
11			Mobilization / Demobilization	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00	
SUBTOTAL													\$ 15,500	
EXISTING CONDITIONS														
DEMOLITION														
12	E2.0		Existing Exit Sign To Be Removed	EA	1	0%	1	0.50	\$ 57.46	\$ 28.73	\$ -	\$ 28.73	\$ 28.73	
RELOCATION														
13			Existing Disconnect Switch To Be Relocated	EA	2	0%	2	3.05	\$ 57.46	\$ 175.26	\$ -	\$ 175.26	\$ 350.52	
SUBTOTAL													\$ 379	
ELECTRICAL														
DISTRIBUTION														
CONDUIT														
Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE														
14	Size Assumed		1" EMT Conduit ZINC Coated	LF	395	10%	435	0.07	\$ 57.46	\$ 4.02	\$ 2.67	\$ 6.70	\$ 2,910.75	
15			1-1/2" EMT Conduit ZINC Coated	LF	10	10%	11	0.09	\$ 57.46	\$ 5.11	\$ 5.29	\$ 10.40	\$ 111.89	
16			2-1/2" EMT Conduit ZINC Coated	LF	9	10%	10	0.13	\$ 57.46	\$ 7.64	\$ 9.42	\$ 17.06	\$ 164.94	
17			4" EMT Conduit ZINC Coated	LF	119	10%	131	0.20	\$ 57.46	\$ 11.49	\$ 16.19	\$ 27.69	\$ 3,623.69	
18			1" RGS Conduit	LF	17	10%	19	0.12	\$ 57.46	\$ 7.07	\$ 7.00	\$ 14.07	\$ 268.06	
CONDUCTOR														
Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), PRE-LUBRICATED														
19	Size Assumed		#10 CU THHN/THWN-2	LF	430	10%	473	0.012	\$ 57.46	\$ 0.69	\$ 0.57	\$ 1.26	\$ 595.42	
20			#8 CU THHN/THWN-2	LF	825	10%	907	0.014	\$ 57.46	\$ 0.78	\$ 0.84	\$ 1.62	\$ 1,466.04	
21			#6 CU THHN/THWN-2	LF	10	10%	11	0.015	\$ 57.46	\$ 0.86	\$ 1.29	\$ 2.15	\$ 23.15	
22			#3 CU THHN/THWN-2	LF	119	10%	131	0.018	\$ 57.46	\$ 1.03	\$ 2.49	\$ 3.52	\$ 461.30	
23			#2 CU THHN/THWN-2	LF	9	10%	10	0.020	\$ 57.46	\$ 1.12	\$ 3.11	\$ 4.23	\$ 40.86	
24	Size Assumed		#1 CU THHN/THWN-2	LF	39	10%	43	0.021	\$ 57.46	\$ 1.21	\$ 3.39	\$ 4.60	\$ 197.81	
25			#3/0 CU THHN/THWN-2	LF	709	10%	780	0.026	\$ 57.46	\$ 1.47	\$ 6.47	\$ 7.93	\$ 6,184.84	
26			#4/0 CU THHN/THWN-2	LF	35	10%	39	0.027	\$ 57.46	\$ 1.55	\$ 8.06	\$ 9.61	\$ 371.54	
LUGS														
27			Compression Lug CU With 1-Hole, #8 CU Wire	EA	16	0%	16	0.11	\$ 57.46	\$ 6.03	\$ 2.64	\$ 8.67	\$ 138.78	
28			Heat Shrink Tubing for #8 CU Wire	EA	16	0%	16	0.05	\$ 57.46	\$ 2.87	\$ 0.50	\$ 3.37	\$ 53.97	
29			Compression Lug CU With 1-Hole, #6 CU Wire	EA	2	0%	2	0.12	\$ 57.46	\$ 6.90	\$ 3.55	\$ 10.45	\$ 20.89	
30			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.06	\$ 57.46	\$ 3.45	\$ 0.60	\$ 4.05	\$ 8.10	
31			Compression Lug CU With 1-Hole, #2 CU Wire	EA	2	0%	2	0.18	\$ 57.46	\$ 10.34	\$ 6.53	\$ 16.86	\$ 33.73	
32			Heat Shrink Tubing for #2 CU Wire	EA	2	0%	2	0.09	\$ 57.46	\$ 5.17	\$ 0.90	\$ 6.07	\$ 12.14	
33			Compression Lug CU With 1-Hole, #1 CU Wire	EA	8	0%	8	0.21	\$ 57.46	\$ 12.07	\$ 8.05	\$ 20.12	\$ 160.94	
34			Heat Shrink Tubing for #1 CU Wire	EA	8	0%	8	0.10	\$ 57.46	\$ 5.75	\$ 1.00	\$ 6.75	\$ 53.97	
35			Compression Lug CU With 1-Hole, #4/0 CU Wire	EA	8	0%	8	0.33	\$ 57.46	\$ 18.96	\$ 17.98	\$ 36.94	\$ 295.54	
36			Heat Shrink Tubing for #4/0 CU Wire	EA	8	0%	8	0.18	\$ 57.46	\$ 10.34	\$ 2.05	\$ 12.39	\$ 99.15	
CIRCUIT BREAKER														
Manufactured By EATON, SQUARE-D, SIEMENS, OR GENERAL ELECTRIC.														
37			1P15A Breaker	EA	6	0%	6	0.42	\$ 57.46	\$ 24.13	\$ 25.99	\$ 50.12	\$ 300.75	
38			1P20A Breaker	EA	14	0%	14	0.42	\$ 57.46	\$ 24.13	\$ 33.00	\$ 57.13	\$ 799.88	
39			2P20A Breaker	EA	3	0%	3	0.45	\$ 57.46	\$ 25.86	\$ 43.18	\$ 69.04	\$ 207.11	
40			2P35A Breaker	EA	1	0%	1	0.48	\$ 57.46	\$ 27.58	\$ 59.00	\$ 86.58	\$ 86.58	
41			2P40A Breaker	EA	2	0%	2	0.50	\$ 57.46	\$ 28.73	\$ 67.91	\$ 96.64	\$ 193.28	
42			3P20A Breaker	EA	1	0%	1	0.55	\$ 57.46	\$ 31.60	\$ 85.00	\$ 116.60	\$ 116.60	
43			3P40A Breaker	EA	1	0%	1	0.59	\$ 57.46	\$ 33.90	\$ 91.80	\$ 125.70	\$ 125.70	
44			3P125A Breaker	EA	1	0%	1	1.10	\$ 57.46	\$ 63.21	\$ 358.68	\$ 421.89	\$ 421.89	
45			3P225A Breaker	EA	1	0%	1	1.80	\$ 57.46	\$ 103.43	\$ 810.00	\$ 913.43	\$ 913.43	
PANEL														
Manufactured By EATON, SQUARE-D, SIEMENS, OR GENERAL ELECTRIC.														
46			N1 Panel: 225A, 208Y/120V, 3PH, 4W, 42 Poles, 42K A.I.C, Surface Mounting	EA	1	0%	1	6.55	\$ 57.46	\$ 376.38	\$ 2,396.15	\$ 2,772.53	\$ 2,772.53	
47			N2 Panel: 125A, 208Y/120V, 3PH, 4W, 42 Poles, 42K A.I.C, Surface Mounting	EA	1	0%	1	4.05	\$ 57.46	\$ 232.72	\$ 1,630.00	\$ 1,862.72	\$ 1,862.72	
DISCONNECT SWITCH														
Manufactured By EATON, SQUARE-D, OR GENERAL ELECTRIC.														
48			2P/30A FPN Disconnect Switch, NEMA-3R	EA	1	0%	1	1.03	\$ 57.46	\$ 59.28	\$ 130.25	\$ 189.53	\$ 189.53	
49			2P/60A FPN Disconnect Switch, NEMA-3R	EA	3	0%	3	1.54	\$ 57.46	\$ 88.28	\$ 301.11	\$ 389.39	\$ 1,168.18	
50			3P/60A FPN Disconnect Switch, NEMA-3R	EA	2	0%	2	2.21	\$ 57.46	\$ 127.27	\$ 280.91	\$ 408.18	\$ 816.35	
GROUNDING														
51	E1.1, E2.0, E2.1 & E3.0		#6 CU Grounding Conductor	LF	20	10%	22	0.04	\$ 57.46	\$ 2.01	\$ 1.40	\$ 3.41	\$ 75.05	
POWER														
CONDUIT														
Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE														
52				3/4" EMT Conduit ZINC Coated	LF	5571	10%	6128	0.06	\$ 57.46	\$ 3.56	\$ 1.76	\$ 5.32	\$ 32,612.17
53				3/4" PVC SCH 40 Conduit	LF	10	10%	11	0.06	\$ 57.46	\$ 3.16	\$ 1.33	\$ 4.49	\$ 49.42
54				3/4" RGS Conduit	LF	12	10%	13	0.10	\$ 57.46	\$ 5.75	\$ 4.50	\$ 10.25	\$ 135.25
CONDUCTOR														
Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), PRE-LUBRICATED														
55			#12 MC Cable	LF	172	10%	190	0.04	\$ 57.46	\$ 2.01	\$ 2.69	\$ 4.70	\$ 891.79	
56			#12 CU THHN/THWN-2	LF	3679	10%	4047	0.011	\$ 57.46	\$ 0.60	\$ 0.38	\$ 0.98	\$ 3,959.33	
57			#10 CU THHN/THWN-2	LF	2175	10%	2393	0.012	\$ 57.46	\$ 0.69	\$ 0.57	\$ 1.26	\$ 3,013.72	
DEVICE														
58			1P15A Motor Rated Switch	EA	7	0%	7	0.38	\$ 57.46	\$ 21.84	\$ 24.98	\$ 46.82	\$ 327.71	
59			2P/20A Motor Rated Switch	EA	2	0%	2	0.42	\$ 57.46	\$ 24.13	\$ 38.99	\$ 63.12	\$ 126.25	
60			Double Duplex Receptacle	EA	4	0%	4	0.55	\$ 57.46	\$ 31.60	\$ 62.50	\$ 94.10	\$ 376.42	
61			Double Duplex Receptacle	EA	1	0%	1	0.55	\$ 57.46	\$ 31.60	\$ 62.50	\$ 94.10	\$ 94.10	
62			Duplex Receptacle	EA	7	0%	7	0.38	\$ 57.46	\$ 21.84	\$ 19.89	\$ 41.73	\$ 292.42	
63			Duplex Receptacle, GFCI	EA	4	0%	4	0.42	\$ 57.46	\$ 24.13	\$ 28.88	\$ 53.01	\$ 212.06	
64			Duplex Receptacle, WP, GFCI	EA	11	0%	11	0.45	\$ 57.46	\$ 25.86	\$ 31.50	\$ 57.36	\$ 630.94	
LIGHTING														
CONDUIT														
Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE														
65			3/4" EMT Conduit ZINC Coated	LF	563	10%	619	0.06	\$ 57.46	\$ 3.56	\$ 1.76	\$ 5.32	\$ 3,293.15	
CONDUCTOR														

DETAILED BREAKDOWN OF ITEMS															
Prepared for:		Additions & Renovations Iredell County Animal Services Shelter, 401 Bristol Drive, Statesville, North Carolina										 +1 (214) 556-2605			
Project ID:		11092026													
Scope:		Electrical													
												Date:	28-Sep-26		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), *PRE-LUBRICATED												
66			#12 MC Cable	LF	20	10%	22	0.04	\$ 57.46	\$ 2.01	\$ 2.69	\$ 4.70	\$ 105.08		
67			#10 MC Cable	LF	1045	10%	1149	0.03	\$ 57.46	\$ 1.44	\$ 1.78	\$ 3.22	\$ 3,695.78		
68			#12 CU THHN/THWN-2	LF	124	10%	137	0.011	\$ 57.46	\$ 0.60	\$ 0.38	\$ 0.98	\$ 133.89		
69			#10 CU THHN/THWN-2	LF	438	10%	482	0.012	\$ 57.46	\$ 0.69	\$ 0.57	\$ 1.26	\$ 607.02		
			LIGHTING FIXTURES												
70			A2: 2x4 Adjustable Wattage (29.34,39.49W) Backlit Flat Panel LED Light, 82	EA	18	0%	18	1.05	\$ 57.46	\$ 60.34	\$ 128.00	\$ 188.34	\$ 3,390.04		
71			B2: 2x4 Recessed Low Profile Light Fixture with Center Basket, 80+ CRI, LUM	EA	23	0%	23	1.15	\$ 57.46	\$ 66.08	\$ 194.95	\$ 261.03	\$ 6,003.73		
72			D1: 4-Foot Strip Light, 82+ CRI, LUMINATION PSF204, Mounting: Pend/Surf	EA	1	0%	1	0.85	\$ 57.46	\$ 48.84	\$ 89.83	\$ 138.67	\$ 138.67		
73			D2: 8-Foot Strip Light, 7100 Nominal Lumens, 80 CRI, LUMINATION PSF208, N	EA	1	0%	1	1.25	\$ 57.46	\$ 71.83	\$ 179.66	\$ 251.49	\$ 251.49		
74			EM1: Emergency Fixture, Damp Location Listed, 50" Max Spacing Between Un	EA	9	0%	9	0.89	\$ 57.46	\$ 51.14	\$ 142.82	\$ 193.96	\$ 1,745.65		
75			F1: 4' Enclosed and Gasketed, Straight Lens Fixture, NEMA-4X, 84+ CRI,	EA	9	0%	9	1.15	\$ 57.46	\$ 66.08	\$ 175.30	\$ 241.38	\$ 2,172.44		
76			K1: 6' Adjustable Wattage (25.34,45.52W) Recessed LED Downlight, 83+	EA	30	0%	30	1.01	\$ 57.46	\$ 58.04	\$ 145.20	\$ 203.24	\$ 6,097.11		
77			OA: 5" Surface Mounted Slimsurface Light Fixture, Wet Label Listed When Inst	EA	3	0%	3	0.70	\$ 57.46	\$ 40.22	\$ 85.00	\$ 125.22	\$ 375.67		
78			P1: Decorative Pendant Light Fixture, (10) 15W 3500K LED, 83+ CRI, DU	EA	1	0%	1	3.25	\$ 57.46	\$ 186.75	\$ 2,250.00	\$ 2,436.75	\$ 2,436.75		
79			X7: Emergency Exit Combo Fixture, Damp Label Listed, Remote Head Ava	EA	6	0%	6	1.05	\$ 57.46	\$ 60.34	\$ 160.00	\$ 220.34	\$ 1,322.01		
80		Schedule Not Given	X1: Exit Sign	EA	4	0%	4	0.65	\$ 57.46	\$ 37.35	\$ 64.18	\$ 101.53	\$ 406.12		
			LIGHTING CONTROL												
81			3 Way Switch, 20A	EA	12	0%	12	0.30	\$ 57.46	\$ 17.24	\$ 19.50	\$ 36.74	\$ 440.87		
82			Dual Technology Ultrasonic And Infrared Sensor, Ceiling Mounted, Lutron Radio	EA	3	0%	3	0.94	\$ 57.46	\$ 53.73	\$ 194.33	\$ 248.06	\$ 744.17		
83			Dual Technology Ultrasonic And Infrared Sensor, Corner Mounted, Lutron Radio	EA	3	0%	3	0.83	\$ 57.46	\$ 47.41	\$ 118.00	\$ 165.41	\$ 496.22		
84			Dual Technology Ultrasonic Infrared Occupancy Sensor Switch, Wall Mounted, Lu	EA	4	0%	4	0.86	\$ 57.46	\$ 49.30	\$ 176.96	\$ 226.26	\$ 905.05		
85			Multi-Button Occupancy Sensor Override Switch, Lutron Radio Frequency	EA	5	0%	5	0.79	\$ 57.46	\$ 45.51	\$ 146.63	\$ 192.14	\$ 960.70		
86			Single Pole, 7-Day Programmable Astronomic Switch, 20A, 120V	EA	1	0%	1	0.94	\$ 57.46	\$ 53.73	\$ 124.25	\$ 177.98	\$ 177.98		
			MISCELLANEOUS												
			SAW CUT												
87			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	10	0%	10	0.15	\$ 57.46	\$ 8.62	\$ 1.50	\$ 10.12	\$ 101.19		
												SUBTOTAL	\$ 106,069		
COMMUNICATION															
			TELECOMMUNICATION												
			CONDUIT												
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE												
88			3/4" EMT Conduit ZINC Coated Up To Ceiling	LF	60	10%	66	0.06	\$ 57.46	\$ 3.56	\$ 1.76	\$ 5.32	\$ 351.25		
89			2" EMT Conduit ZINC Coated	LF	37	10%	41	0.10	\$ 57.46	\$ 5.75	\$ 6.22	\$ 11.97	\$ 490.07		
90			3/4" PVC SCH 40 Conduit	LF	28	10%	30	0.06	\$ 57.46	\$ 3.16	\$ 1.33	\$ 4.49	\$ 136.29		
			CONDUCTOR												
91			CAT6 Cable	LF	267	10%	294	0.02	\$ 57.46	\$ 1.26	\$ 0.28	\$ 1.54	\$ 453.22		
			J Hooks												
92			2" J Hooks	EA	12	0%	12	0.06	\$ 57.46	\$ 3.16	\$ 1.30	\$ 4.46	\$ 53.53		
			DEVICES												
93			Tele Data Outlet	EA	4	0%	4	0.30	\$ 57.46	\$ 17.24	\$ 12.50	\$ 29.74	\$ 118.96		
94			RJ45 Connector	EA	8	0%	8	0.06	\$ 57.46	\$ 3.16	\$ 0.95	\$ 4.11	\$ 32.88		
95			4" Square Deep Box With Single Gang Plaster Ring	EA	4	0%	4	0.25	\$ 57.46	\$ 14.37	\$ 8.99	\$ 23.36	\$ 93.42		
96			Faceplate	EA	4	0%	4	0.15	\$ 57.46	\$ 8.62	\$ 7.21	\$ 15.83	\$ 63.32		
97			1/4x1/2" Flame Retardant Paint Plywood Backboard	EA	1	0%	1	0.35	\$ 57.46	\$ 20.11	\$ 69.99	\$ 90.10	\$ 90.10		
			MISCELLANEOUS												
98			Insulated Throat Bushings For 3/4" EMT Conduit	EA	4	0%	4	0.10	\$ 57.46	\$ 5.75	\$ 1.25	\$ 7.00	\$ 27.99		
			SAW CUT												
99			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	28	0%	28	0.15	\$ 57.46	\$ 8.62	\$ 1.50	\$ 10.12	\$ 283.34		
												SUBTOTAL	\$ 2,194		
ELECTRONIC SAFETY AND SECURITY															
			FIRE ALARM												
			CONDUIT												
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE												
100			3/4" EMT Conduit ZINC Coated	LF	757	10%	833	0.06	\$ 57.46	\$ 3.56	\$ 1.76	\$ 5.32	\$ 4,431.66		
			CONDUCTOR												
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), *PRE-LUBRICATED												
101			#16 CU THHN/THWN-2	LF	938	10%	1032	0.009	\$ 57.46	\$ 0.52	\$ 0.23	\$ 0.74	\$ 765.67		
102			#14 CU THHN/THWN-2	LF	576	10%	634	0.009	\$ 57.46	\$ 0.52	\$ 0.26	\$ 0.77	\$ 489.36		
			DEVICES												
103		Furnished By EC And Installed By MC	Duct Smoke Detector	EA	3	0%	3	0.00	\$ 57.46	\$ -	\$ 374.93	\$ 374.93	\$ 1,124.79		
104			Fire Alarm Combination Audio/Visual Device 110CD	EA	3	0%	3	1.05	\$ 57.46	\$ 60.34	\$ 199.00	\$ 259.34	\$ 778.01		
105			Fire Alarm Combination Audio/Visual Device 30CD	EA	1	0%	1	0.80	\$ 57.46	\$ 45.97	\$ 127.04	\$ 173.01	\$ 173.01		
106			Fire Alarm Combination Audio/Visual Device 75CD	EA	1	0%	1	0.92	\$ 57.46	\$ 52.87	\$ 150.49	\$ 203.36	\$ 203.36		
107			Fire Alarm Manual Pull Station	EA	3	0%	3	0.75	\$ 57.46	\$ 43.10	\$ 119.00	\$ 162.10	\$ 486.29		
108			Fire Alarm Visual Only Device	EA	4	0%	4	0.78	\$ 57.46	\$ 44.82	\$ 106.90	\$ 151.72	\$ 606.88		
												SUBTOTAL	\$ 9,659		
												PROJECTED COST			
OVERHEAD AND PROFIT												30%	\$133,202		
SUB-CONTRACTOR MARGIN												10%	\$5,392		
INSURANCE												3%	\$3,996		
CONTINGENCY												5%	\$6,660		
TAX												6.75%	\$4,305		
												SUGGESTED BID			
												\$193,516			

Phone: +1 (214) 556-2605

MATERIAL LIST

Prepared for: Additions & Renovations Iredell County Animal Services Shelter, 401 Bristol Drive, Statesville, North Carolina
 Project ID: 11092026
 Scope: Electrical



Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
ELECTRICAL					
DISTRIBUTION					
			CONDUIT (CUT LENGTH = 10LF)		
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE		
1			1" EMT Conduit	EA	40
2			1-1/2" EMT Conduit	EA	1
3			2-1/2" EMT Conduit	EA	1
4		Size Assumed	4" EMT Conduit	EA	12
5			1" RGS Conduit	EA	2
			CONDUCTOR (1 ROLL = 200LF)		
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), "PRE-LUBRICATED"		
6			#10 CU THHN/THWN	Roll	2
7			#8 CU THHN/THWN	Roll	4
8			#6 CU THHN/THWN	Roll	1
9		Size Assumed	#3 CU THHN/THWN	Roll	1
10			#2 CU THHN/THWN	Roll	1
11			#1 CU THHN/THWN	Roll	1
12		Size Assumed	#3/0 CU THHN/THWN	Roll	4
13			#4/0 CU THHN/THWN	Roll	1
			LUGS		
14			Compression Lug CU With 1-Hole , #8 CU Wire	EA	16
15			Heat Shrink Tubing for #8 CU Wire	EA	16
16			Compression Lug CU With 1-Hole , #6 CU Wire	EA	2
17			Heat Shrink Tubing for #6 CU Wire	EA	2
18			Compression Lug CU With 1-Hole , #2 CU Wire	EA	2
19			Heat Shrink Tubing for #2 CU Wire	EA	2
20			Compression Lug CU With 1-Hole , #1 CU Wire	EA	8
21			Heat Shrink Tubing for #1 CU Wire	EA	8
22			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	8
23			Heat Shrink Tubing for #4/0 CU Wire	EA	8
			CIRCUIT BREAKER		
			Manufactured By EATON, SQUARE-D, SIEMENS, OR GENERAL ELECTRIC.		
24			1P/15A Breaker	EA	6
25			1P/20A Breaker	EA	14
26			2P/20A Breaker	EA	3
27			2P/35A Breaker	EA	1
28			2P/40A Breaker	EA	2
29			3P/30A Breaker	EA	1
30			3P/40A Breaker	EA	1
31			3P/125A Breaker	EA	1
32			3P/225A Breaker	EA	1
			PANEL		
			Manufactured By EATON, SQUARE-D, SIEMENS, OR GENERAL ELECTRIC.		
33			N1 Panel: 225A, 208Y/120V, 3PH, 4W, 42 Poles, 42K A.I.C, Surface Mounting	EA	1
34			N2 Panel: 125A, 208Y/120V, 3PH, 4W, 42 Poles, 42K A.I.C, Surface Mounting	EA	1
			DISCONNECT SWITCH		
			Manufactured By EATON, SQUARE-D, OR GENERAL ELECTRIC.		
35			2P/30A FPN Disconnect Switch, NEMA-3R	EA	1
36			2P/60A FPN Disconnect Switch, NEMA-3R	EA	3
37			3P/60A FPN Disconnect Switch, NEMA-3R	EA	2
			GROUNDING		

MATERIAL LIST

Prepared for: Additions & Renovations Iredell County Animal Services Shelter, 401 Bristol Drive, Statesville, North Carolina
 Project ID: 11092026
 Scope: Electrical



Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	
38	E1.1, E2.0, E2.1 & E3.0		#6 CU Grounding Conductor	EA	1	
			POWER			
			CONDUIT (CUT LENGTH = 10LF)			
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE			
39			3/4" EMT Conduit	EA	557	
40			3/4" PVC SCH 40 Conduit	EA	1	
41			3/4" RGS Conduit	EA	1	
			CONDUCTOR (1 ROLL = 200LF)			
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), "PRE-LUBRICATED			
42			3#12 MC Cable	Roll	1	
43			#12 CU THHN/THWN	Roll	18	
44			#10 CU THHN/THWN	Roll	11	
			DEVICE			
45			1P/15A Motor Rated Switch	EA	7	
46			2P/20A Motor Rated Switch	EA	2	
47			Double Duplex Receptacle	EA	4	
48			Double Duplex Receptacle	EA	1	
49			Duplex Receptacle	EA	7	
50			Duplex Receptacle, GFCI	EA	4	
51			Duplex Receptacle, WP, GFCI	EA	11	
			LIGHTING			
			CONDUIT (CUT LENGTH = 10LF)			
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE			
52			3/4" EMT Conduit	EA	56	
			CONDUCTOR (1 ROLL = 200LF)			
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), "PRE-LUBRICATED			
53			3#12 MC Cable	Roll	1	
54			3#10 MC Cable	Roll	5	
55			#12 CU THHN/THWN	Roll	1	
56			#10 CU THHN/THWN	Roll	2	
			LIGHTING FIXTURES			
57			A2: 2x4 Adjustable Wattage (29,34,39,49W) Backlit Flat Panel LED Light, 8	EA	18	
58			B2: 2x4 Recessed Low Profile Light Fixture with Center Basket, 80+ CRI, LU	EA	23	
59			D1: 4-Foot Strip Light, 82+ CRI, LUMINATION PSF204	EA	1	
60			D2: 8-Foot Strip Light, 7100 Nominal Lumens, 80 CRI, LUMINATION PSF208	EA	1	
61			EM1: Emergency Fixture, Damp Location Listed, 50' Max Spacing Between U	EA	9	
62			F1: 4' Enclosed and Gasketed, Straight Lens Fixture, NEMA-4X, 84+ CRI	EA	9	
63			K1: 6" Adjustable Wattage (25,34,45,52W) Recessed LED Downlight, 83	EA	30	
64			OA: 5" Surface Mounted Slimsurface Light Fixture, Wet Label Listed When Ins	EA	3	
65			P1: Decorative Pendant Light Fixture, (10) 15W 3500K LED, 83+ CRI,	EA	1	
66			X7: Emergency Exit Combo Fixture, Damp Label Listed, Remote Head	EA	6	
67		Schedule Not Given	X1: Exit Sign	EA	4	
			LIGHTING CONTROL			
68			3 Way Switch	EA	12	
69			Dual Technology Ultrasonic And Infrared Sensor, Ceiling Mounted	EA	3	
70			Dual Technology Ultrasonic And Infrared Sensor, Corner Mounted	EA	3	
71			Dual Technology Ultrasonic Infrared Occupancy Sensor Switch, Wall Mounted	EA	4	
72			Multi-Button Occupancy Sensor Override Switch	EA	5	
73			Single Pole, 7-Day Programmable Astronomic Switch, 20A, 120V	EA	1	
			MISCELLANEOUS			
			SAW CUT			
74			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	10	
COMMUNICATION						
TELECOMMUNICATION						
			CONDUIT (CUT LENGTH = 10LF)			
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE			
75			3/4" EMT Conduit Up To Ceiling	EA	6	
76			2" EMT Conduit	EA	4	
77			3/4" PVC SCH 40 Conduit	EA	3	
			CONDUCTOR (1 ROLL = 200LF)			
78			CAT6 Cable	Roll	1	

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
	E1.1		J Hooks		
79			2" J Hooks	EA	6
			DEVICES		
80			Tele Data Outlet	EA	4
81			RJ45 Connector	EA	8
82			Back Box	EA	4
83			Faceplate	EA	4
84			4'x4'x1/2" Flame Retardant Paint Plywood Backboard	EA	1
			MISCELLANEOUS		
			SAW CUT		
85			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	28

ELECTRONIC SAFETY AND SECURITY

ELECTRONIC SAFETY AND SECURITY					
FIRE ALARM					
	E1.1		CONDUIT (CUT LENGTH = 10LF)		
			Manufactured By ALLIED, WHEATLAND, REPUBLIC CONDUIT OR WESTERN TUBE		
86			3/4" EMT Conduit	EA	75
			CONDUCTOR (1 ROLL = 200LF)		
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), "PRE-LUBRICATED		
87			#16 CU THHN/THWN	Roll	4
88			#14 CU THHN/THWN	Roll	3
			DEVICES		
89		Provided By Mechanical Contractor	Duct Smoke Detector	EA	3
90			Fire Alarm Combination Audio/Visual Device 110CD	EA	3
91			Fire Alarm Combination Audio/Visual Device 30CD	EA	1
92			Fire Alarm Combination Audio/Visual Device 75CD	EA	1
93			Fire Alarm Manual Pull Station	EA	3
94			Fire Alarm Visual Only Device	EA	4