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: 7-Oct-26

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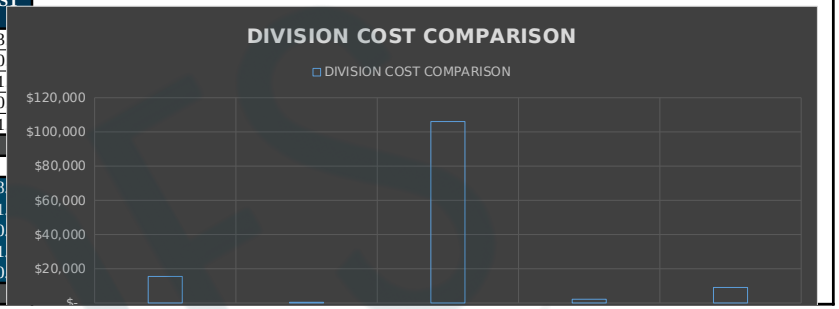
BUILDING GSF		4,986	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 15,500	$ 3
2000	Existing Condition	$ 379	$ 0
26000	Electrical	$ 106,069	$ 21
27000	Communications	$ 2,194	$ 0
28000	Electronic Safety and Security	$ 9,059	$ 1
TOTAL TRADE COST		$ 133,202	$
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	$



DETAILED BREAKDOWN OF ITEMS

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

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Date: 7-Oct-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			Existing Exit Sign To Be Removed	EA	1	0%	1	0.50	$ 57.46	$ 28.73	$ -	$ 28.73	$ 28.73
	E2.0		**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			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		**Size Assumed**	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			#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		**Size Assumed**	#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			#1 CU THHN/THWN-2	LF	39	10%	43	0.021	$ 57.46	$ 1.21	$ 3.39	$ 4.60	$ 197.81
25		**Size Assumed**	#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	$ 6.52	$ 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			1P/15A Breaker	EA	6	0%	6	0.42	$ 57.46	$ 24.13	$ 25.99	$ 50.12	$ 300.75
38			1P/20A Breaker	EA	14	0%	14	0.42	$ 57.46	$ 24.13	$ 33.00	$ 57.13	$ 799.88
39			2P/20A Breaker	EA	3	0%	3	0.45	$ 57.46	$ 25.86	$ 43.18	$ 69.04	$ 207.11
40			2P/35A Breaker	EA	1	0%	1	0.48	$ 57.46	$ 27.58	$ 59.00	$ 86.58	$ 86.58
41			2P/40A Breaker	EA	2	0%	2	0.50	$ 57.46	$ 28.73	$ 67.91	$ 96.64	$ 193.28
42			3P/30A Breaker	EA	1	0%	1	0.55	$ 57.46	$ 31.60	$ 85.00	$ 116.60	$ 116.60
43			3P/40A Breaker	EA	1	0%	1	0.59	$ 57.46	$ 33.90	$ 91.80	$ 125.70	$ 125.70
44			3P/125A Breaker	EA	1	0%	1	1.10	$ 57.46	$ 63.21	$ 358.68	$ 421.89	$ 421.89
45			3P/225A 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			3#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			1P/15A 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	$ 292.08
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										
			Manufactured By SOUTHWIRE (SIMPULL), ENCORE (SUPERSLICK), UNITED COPPER (SLK) OR CERRO (SLP), *PRE-LUBRICATED										
66			3#12 MC Cable	LF	20	10%	22	0.04	$ 57.46	$ 2.01	$ 2.69	$ 4.70	$ 105.08
67			3#10 MC Cable	LF	1045	10%	1149	0.03	$ 57.46	$ 1.44	$ 1.78	$ 3.22	$ 3,695.78

DETAILED BREAKDOWN OF ITEMS

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Project ID: 11092026
Scope: Electrical

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Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
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, M	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	**E1.1**		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			4'x4'x1/2" 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), TYRE-LUBRICATED										
101			#16 CU THHN/THWN-2	LF	938	10%	1032	0.009	$ 57.46	$ 0.52	$ 0.23	$ 0.74	$ 765.67
102	**E1.1**		#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	**$ 9,059**

	PROJECTED COST	**$133,202**
OVERHEAD AND PROFIT	**30%**	**$39,961**
SUB-CONTRACTOR MARGIN	**10%**	**$5,392**
INSURANCE	**3%**	**$3,996**
CONTINGENCY	**5%**	**$6,660**
TAX	**6.75%**	**$4,305**
SUGGESTED BID		**$193,516**

MATERIAL LIST

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Scope: Electrical

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Date: 7-Oct-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		
38	E1.1, E2.0, E2.1 &		#6 CU Grounding Conductor	EA	1

MATERIAL LIST

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

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
	E3.0		**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
			J Hooks		
79	E1.1		2" J Hooks	EA	6

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
			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		
			FIRE ALARM		
			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	**E1.1**		#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