

Building Data Summary													
Project Name:		RONALD MCDONALD HOUSE											
Location:													
Scope of Work:		ELECTRICAL											
Date:													
Project ID													
Note:													
Item #	Dwg	Detail	Item Description	Unit	Quantity	Waste	Quantity w/ Waste	Unit Material Cost	Total Material Cost	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
BASEBID													
DIVISION 26 - ELECTRICAL													
		26 05 00	COMMON WORK RESULTS FOR ELECTRICAL										
1	See Specs		Provide labor, materials, tools, machinery, equipment, and services necessary to complete the electrical work.	LS	1	10%	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		26 05 19	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES										
2	EP101		Provide new #500 KCMIL electrical wire.	LF	180	10%	198	\$ 15.00	\$ 2,970.00	\$ 5.00	\$ 990.00	\$ 3,960.00	
3	EP101		Provide new #2/0G ground wire.	LF	45	10%	50	\$ 6.00	\$ 297.00	\$ 2.00	\$ 99.00	\$ 396.00	
4	EL101-EP102		Provide new #12 electrical wire.	LF	16000	10%	17600	\$ 1.00	\$ 17,600.00	\$ 1.00	\$17,600.00	\$35,200.00	
5	EL101-EP102		Provide new #12G ground wire.	LF	8000	10%	8800	\$ 1.00	\$ 8,800.00	\$ 1.00	\$ 8,800.00	\$17,600.00	
6	EP101-EP102		Provide new #3/0 electrical wire.	LF	1080	10%	1188	\$ 5.50	\$ 6,534.00	\$ 1.80	\$ 2,138.40	\$ 8,672.40	
7	EP101-EP102		Provide new #6G ground wire.	LF	270	10%	297	\$ 2.00	\$ 594.00	\$ 1.50	\$ 445.50	\$ 1,039.50	
8	EP101-EP102		Provide new #10 electrical wire.	LF	1600	10%	1760	\$ 1.00	\$ 1,760.00	\$ 1.00	\$ 1,760.00	\$ 3,520.00	
9	EP101-EP102		Provide new #10G ground wire.	LF	475	10%	523	\$ 1.00	\$ 522.50	\$ 1.00	\$ 522.50	\$ 1,045.00	
10	EP101-EP102		Provide new #2 electrical wire.	LF	1600	10%	1760	\$ 4.00	\$ 7,040.00	\$ 3.00	\$ 5,280.00	\$12,320.00	
11	EP101-EP102		Provide new #8G ground wire.	LF	400	10%	440	\$ 1.00	\$ 440.00	\$ 1.00	\$ 440.00	\$ 880.00	
12	EP101		Provide new #600 KCMIL electrical wire.	LF	80	10%	88	\$ 18.00	\$ 1,584.00	\$ 7.00	\$ 616.00	\$ 2,200.00	
13	EP101		Provide new #3G ground wire.	LF	20	10%	22	\$ 3.00	\$ 66.00	\$ 2.00	\$ 44.00	\$ 110.00	
14	EP101		Provide new #500 KCMIL electrical wire.	LF	300	10%	330	\$ 15.00	\$ 4,950.00	\$ 5.00	\$ 1,650.00	\$ 6,600.00	
15	EP101		Provide new #3G ground wire.	LF	75	10%	83	\$ 3.00	\$ 247.50	\$ 2.00	\$ 165.00	\$ 412.50	
16	EP101		Provide new #6 electrical wire.	LF	390	10%	429	\$ 2.00	\$ 858.00	\$ 1.50	\$ 643.50	\$ 1,501.50	
17	EP101		Provide new #10G ground wire.	LF	130	10%	143	\$ 1.00	\$ 143.00	\$ 1.00	\$ 143.00	\$ 286.00	
18	ET101-ET102		Provide new 1#14 fplp fire alarm wiring.	LF	1250	10%	1375	\$ 1.00	\$ 1,375.00	\$ 2.00	\$ 2,750.00	\$ 4,125.00	
		26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS										
19	ES101		Provide new 1#8G ground wire.	LF	30	10%	33	\$ 1.00	\$ 33.00	\$ 1.00	\$ 33.00	\$ 66.00	
20	ES101-E501	A8/E501	Provide new 5/8" x 10' ground rods.	EA	8	0%	8	\$ 100.00	\$ 800.00	\$ 45.00	\$ 360.00	\$ 1,160.00	
21	E501	A8/E501	Provide new 1#6AWG bare copper conductor.	LF	60	10%	66	\$ 1.00	\$ 66.00	\$ 3.00	\$ 198.00	\$ 264.00	
22	E501	A8/E501	Provide new 1#3AWG bare copper conductor.	LF	40	10%	44	\$ 3.00	\$ 132.00	\$ 4.00	\$ 176.00	\$ 308.00	
23	E501	A8/E501	Provide new intercom bonding bar.	EA	1	0%	1	\$ 60.00	\$ 60.00	\$ 35.00	\$ 35.00	\$ 95.00	
24	E501	A8/E501	Provide new 1#4AWG bare copper conductor.	LF	50	10%	55	\$ 2.80	\$ 154.00	\$ 3.00	\$ 165.00	\$ 319.00	
25	ET101	Keynote# 1	Provide new telecommunication grounding bus bar. - Size to be verified in field.	EA	2	0%	2	\$ 390.00	\$ 780.00	\$ 140.00	\$ 280.00	\$ 1,060.00	
		26 05 29	HANGERS AND SUPPORTS FOR ELECTRICAL										
26	EP101	Keynote# 24	Provide new unistrut rack.	EA	1	0%	1	\$ 120.00	\$ 120.00	\$ 40.00	\$ 40.00	\$ 160.00	
			METERING										
27	EP101		Provide new CT cabinet.	EA	1	0%	1	#####	\$ 3,500.00	\$ 550.00	\$ 550.00	\$ 4,050.00	
28	EP101		Provide meter socket.	EA	1	0%	1	\$ 870.00	\$ 870.00	\$ 350.00	\$ 350.00	\$ 1,220.00	
		26 05 33	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS										
29	ES101	Keynote# 2	Provide new 4" PVC underground conduit.	LF	300	10%	330	\$ 4.00	\$ 1,320.00	\$ 10.00	\$ 3,300.00	\$ 4,620.00	
30	ES101	Keynote# 3,7	Provide new 2" underground conduit.	LF	370	0%	370	\$ 3.00	\$ 1,110.00	\$ 6.00	\$ 2,220.00	\$ 3,330.00	
31	EP101	Keynote# 9	Provide new 2" underground conduit.	LF	10	0%	10	\$ 3.00	\$ 30.00	\$ 6.00	\$ 60.00	\$ 90.00	
32	ES101	Keynote# 3	Provide new 1" underground conduit.	LF	230	10%	253	\$ 2.00	\$ 506.00	\$ 5.00	\$ 1,265.00	\$ 1,771.00	
33	EP101		Provide new 3/4" underground conduit for electrical wiring.	LF	130	0%	130	\$ 1.00	\$ 130.00	\$ 4.00	\$ 520.00	\$ 650.00	
34	EP101		Provide new 3-1/2" underground conduit for electrical wiring.	LF	75	10%	83	\$ 3.80	\$ 313.50	\$ 8.00	\$ 660.00	\$ 973.50	
35	EP101		Provide new 3-1/2" conduit for electrical wiring.	LF	15	10%	17	\$ 40.00	\$ 660.00	\$ 12.00	\$ 198.00	\$ 858.00	
36	EL101-EP102		Provide new 3/4" conduit for electrical wiring.	LF	8165	10%	8982	\$ 5.00	\$ 44,907.50	\$ 4.00	\$35,926.00	\$80,833.50	
37	EP101-EP102		Provide new 2-1/2" conduit for electrical wiring.	LF	270	10%	297	\$ 32.00	\$ 9,504.00	\$ 10.00	\$ 2,970.00	\$12,474.00	
38	EP101-EP102		Provide new 1-1/2" conduit for electrical wiring.	LF	400	10%	440	\$ 32.00	\$ 14,080.00	\$ 10.00	\$ 4,400.00	\$18,480.00	
39	EP101		Provide new 4" conduit for electrical wiring.	LF	20	10%	22	\$ 50.00	\$ 1,100.00	\$ 15.00	\$ 330.00	\$ 1,430.00	
40	EP101		Provide new 1" conduit for electrical wiring.	LF	130	10%	143	\$ 8.00	\$ 1,144.00	\$ 6.00	\$ 858.00	\$ 2,002.00	
41	EP101-EP102	Keynote# 8, 17	Provide new stainless steel face plates.	EA	28	10%	31	\$ 35.00	\$ 1,078.00	\$ 12.00	\$ 369.60	\$ 1,447.60	
42	EP101		Provide new 1-1/4" conduit.	LF	10	10%	11	\$ 12.00	\$ 132.00	\$ 8.00	\$ 88.00	\$ 220.00	
43	EP102-ET102	Keynote# 3 /A3,A5/E-501	Provide new junction box.	EA	25	10%	28	\$ 75.00	\$ 2,062.50	\$ 100.00	\$ 2,750.00	\$ 4,812.50	
44	ET101-ET102		Provide new 3/4" conduit for data cabling.	LF	12000	10%	13200	\$ 5.00	\$ 66,000.00	\$ 4.00	\$52,800.00	#####	
45	ET101-ET102	Keynote# 1	Provide new single gang back box.	EA	20	10%	22	\$ 75.00	\$ 1,650.00	\$ 100.00	\$ 2,200.00	\$ 3,850.00	
46	ET101-ET102	Keynote# 1	Provide 1" conduit.	LF	210	10%	231	\$ 8.00	\$ 1,848.00	\$ 6.00	\$ 1,386.00	\$ 3,234.00	
47	ET101-ET102	Keynote# 2,9	Provide new 1-1/4" conduit.	LF	500	10%	550	\$ 12.00	\$ 6,600.00	\$ 8.00	\$ 4,400.00	\$11,000.00	
48	ET101-ET102	Keynote# 2,9	ring.	EA	46	0%	46	\$ 35.00	\$ 1,610.00	\$ 12.00	\$ 552.00	\$ 2,162.00	
49	ET101-ET102	A3,A5/E-501	Provide new 1/2" conduit.	LF	280	10%	308	\$ 7.00	\$ 2,156.00	\$ 5.00	\$ 1,540.00	\$ 3,696.00	
50	ET101-ET102		Provide new 3/4" conduit for fire alarm wiring.	LF	1250	10%	1375	\$ 5.00	\$ 6,875.00	\$ 4.00	\$ 5,500.00	\$12,375.00	
51	ET102	Keynote# 6	Provide new blank face plate.	EA	1	0%	1	\$ 15.00	\$ 15.00	\$ 9.00	\$ 9.00	\$ 24.00	
52	ET102	Keynote# 9	Provide new 1-1/4" conduit below grade.	LF	25	10%	28	\$ 4.00	\$ 110.00	\$ 6.00	\$ 165.00	\$ 275.00	
53	EP101		Provide new 3/4" liquid tight flexible conduit.	LF	15	10%	17	\$ 5.00	\$ 82.50	\$ 4.00	\$ 66.00	\$ 148.50	
			TRANSFORMER										
54	ES101	Keynote# 1	Install new transformer. - Provided by Utility.	EA	1	0%	1	\$ -	\$ -	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	
			HEAT TRACE										
55	EP101	Keynote# 16	Provide new 208V, 3.6W/ft. heat trace cabling. - Manu: CHROMALOX. - Mode: CPR5-2CR. - R.F.I. - Extent not clear on drawing. VIF	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -	\$ -	
		26 05 53	IDENTIFICATION FOR ELECTRICAL SYSTEMS										
56	See Specs		Provide identification for electrical systems as required. VIF	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -	\$ -	
		26 05 73	SHORT CIRCUIT ARC FLASH HAZARD ANALYSIS USE FOR SERVICES AND FEEDERS RATED 1000A OR MORE - PER NEC 110.16B										
			SEE SPECS										
		26 09 23	LIGHTING CONTROL DEVICES										
57	EL101		Provide new 3-way single pole switch.	EA	6	0%	6	\$ 35.00	\$ 210.00	\$ 100.00	\$ 600.00	\$ 810.00	
58	EL101		Provide new 3-way key operated switch.	EA	1	0%	1	\$ 60.00	\$ 60.00	\$ 120.00	\$ 120.00	\$ 180.00	
59	EL101-EL102		Provide new single pole toggle switch.	EA	61	0%	61	\$ 45.00	\$ 2,745.00	\$ 110.00	\$ 6,710.00	\$ 9,455.00	
60	EL101-EL102		Provide new dimmer switch.	EA	19	0%	19	\$ 38.00	\$ 722.00	\$ 108.00	\$ 2,052.00	\$ 2,774.00	

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61	EL101-EL102		Provide new occupancy sensor.	EA	15	0%	15	\$ 95.00	\$ 1,425.00	\$ 140.00	\$ 2,100.00	\$ 3,525.00		
62	EL101-EL102		Provide new occupancy sensor switch.	EA	23	0%	23	\$ 40.00	\$ 920.00	\$ 110.00	\$ 2,530.00	\$ 3,450.00		
63	ES101	Keynote# 6	Provide NEMA twist lock photocell.	EA	4	0%	4	\$ 110.00	\$ 440.00	\$ 45.00	\$ 180.00	\$ 620.00		
		26 24 16	PANELBOARDS											
64	EP102		Provide new 208/120V, 225A, 3-Phase, 4 wire electrical panel-board LC.	EA	1	0%	1	#####	\$ 6,050.00	\$ 650.00	\$ 650.00	\$ 6,700.00		
65	EP101		MDP.	EA	1	0%	1	#####	\$ 17,250.00	\$ 3,085.00	\$ 3,085.00	\$20,335.00		
66	EP101		Provide new 208/120V, 400A, 3-Phase, 4 wire electrical panel-board LM.	EA	1	0%	1	#####	\$ 7,980.00	\$ 940.00	\$ 940.00	\$ 8,920.00		
67	EP102		Provide new 208/120V, 225A, 3-Phase, 4 wire electrical panel-board LS.	EA	1	0%	1	#####	\$ 6,050.00	\$ 650.00	\$ 650.00	\$ 6,700.00		
68	EP101		Provide new 208/120V, 225A, 3-Phase, 4 wire electrical panel-board LK.	EA	1	0%	1	#####	\$ 6,050.00	\$ 650.00	\$ 650.00	\$ 6,700.00		
69	EP101		Provide new 208/120V, 225A, 3-Phase, 4 wire electrical panel-board LN.	EA	1	0%	1	#####	\$ 6,050.00	\$ 650.00	\$ 650.00	\$ 6,700.00		
		26 27 26	WIRING DEVICES											
70	EP101-EP102		Provide new duplex receptacle.	EA	194	0%	194	\$ 55.00	\$ 10,670.00	\$ 100.00	\$19,400.00	\$30,070.00		
71	EP101-EP102		Provide new fourplex receptacle.	EA	17	0%	17	\$ 85.00	\$ 1,445.00	\$ 120.00	\$ 2,040.00	\$ 3,485.00		
72	EP101-EP102		Provide new ground fault interrupter duplex receptacle.	EA	51	0%	51	\$ 75.00	\$ 3,825.00	\$ 110.00	\$ 5,610.00	\$ 9,435.00		
73	EP101-EP102		Provide new dead front ground fault interrupter duplex receptacle.	EA	15	0%	15	\$ 90.00	\$ 1,350.00	\$ 115.00	\$ 1,725.00	\$ 3,075.00		
74	EP101-EP102	Keynote# 4	Provide new single pol toggle switch.	EA	16	0%	16	\$ 35.00	\$ 560.00	\$ 100.00	\$ 1,600.00	\$ 2,160.00		
75	EP101-EP102	Keynote# 4,5	Provide new NEMA 6-30R special receptacle.	EA	6	0%	6	\$ 70.00	\$ 420.00	\$ 120.00	\$ 720.00	\$ 1,140.00		
76	EP101-EP102		Provide new weatherproof ground fault interrupter duplex receptacle.	EA	11	0%	11	\$ 85.00	\$ 935.00	\$ 120.00	\$ 1,320.00	\$ 2,255.00		
77	EP101-EP102		Provide new split duplex receptacle.	EA	38	0%	38	\$ 95.00	\$ 3,610.00	\$ 130.00	\$ 4,940.00	\$ 8,550.00		
78	EP101	Keynote# 3	Provide new poop up receptacle. - Manu: HUBBELL.	EA	3	0%	3	\$ 180.00	\$ 540.00	\$ 130.00	\$ 390.00	\$ 930.00		
79	EP101	Keynote# 2	Install new door push button.	EA	1	0%	1	\$ -	\$ -	\$ 45.00	\$ 45.00	\$ 45.00		
80	EP101	Keynote# 18	Provide new red mushroom head emergency push button with protective flip cover for emergency.	EA	1	0%	1	\$ 45.00	\$ 45.00	\$ 25.00	\$ 25.00	\$ 70.00		
81	EP101	Keynote# 6	Provide new NEMA 6-50R special receptacle.	EA	1	0%	1	\$ 150.00	\$ 150.00	\$ 135.00	\$ 135.00	\$ 285.00		
82	EP101	Keynote# 11	Provide new motor rated switch.	EA	5	0%	5	\$ 320.00	\$ 1,600.00	\$ 130.00	\$ 650.00	\$ 2,250.00		
83	EP101	Keynote# 13	Provide new floor box. - Manu: LEGRAND. - Model: RFB4. - 2 duplex outlet. - Data outlet. - Av outlet. - Lid. - Model: FPBTCGY.	EA	1	0%	1	\$ 320.00	\$ 320.00	\$ 150.00	\$ 150.00	\$ 470.00		
84	EP102	Keynote# 6	Provide new floor box. - Model: CFB2G2SE-24GCCVRBK.	EA	3	0%	3	\$ 250.00	\$ 750.00	\$ 90.00	\$ 270.00	\$ 1,020.00		
85	EP102		Install new power opened door actuator.	EA	4	0%	4	\$ -	\$ -	\$ 225.00	\$ 900.00	\$ 900.00		
86	ET101-ET102		Provide new door contact.	EA	22	0%	22	\$ 38.00	\$ 836.00	\$ 20.00	\$ 440.00	\$ 1,276.00		
87	ET101-ET102		Provide new card reader.	EA	20	0%	20	\$ 600.00	\$ 12,000.00	\$ 185.00	\$ 3,700.00	\$15,700.00		
88	ET101-ET102		Provide new door holder.	EA	2	0%	2	\$ 120.00	\$ 240.00	\$ 40.00	\$ 80.00	\$ 320.00		
89	ET101-ET102	Keynote# 1	Install new security camera. - Provided by Owner. - Bushing on both sides.	EA	20	0%	20	\$ -	\$ -	\$ 270.00	\$ 5,400.00	\$ 5,400.00		
90	ET101-ET102		Provide new wireless access point.	EA	10	0%	10	\$ 800.00	\$ 8,000.00	\$ 150.00	\$ 1,500.00	\$ 9,500.00		
91	ET101-ET102	Keynote# 2,9	Provide new data outlet.	EA	44	0%	44	\$ 25.00	\$ 1,100.00	\$ 35.00	\$ 1,540.00	\$ 2,640.00		
92	ET101-ET102		Provide new exterior weatherproof card reader.	EA	4	0%	4	\$ 720.00	\$ 2,880.00	\$ 220.00	\$ 880.00	\$ 3,760.00		
			ENCLOSED SWITCHES AND CIRCUIT BREAKERS											
93	E602		Provide new 20A, 1-pole circuit breaker.	EA	181	0%	181	\$ 25.00	\$ 4,525.00	\$ 20.00	\$ 3,620.00	\$ 8,145.00		
94	E602		Provide new 15A, 1-pole circuit breaker.	EA	14	0%	14	\$ 20.00	\$ 280.00	\$ 18.00	\$ 252.00	\$ 532.00		
95	E602		Provide new 50A, 2-pole circuit breaker.	EA	3	0%	3	\$ 290.00	\$ 870.00	\$ 90.00	\$ 270.00	\$ 1,140.00		
96	E602		Provide new 15A, 2-pole circuit breaker.	EA	6	0%	6	\$ 180.00	\$ 1,080.00	\$ 70.00	\$ 420.00	\$ 1,500.00		
97	E602		Provide new 30A, 2-pole circuit breaker.	EA	6	0%	6	\$ 250.00	\$ 1,500.00	\$ 45.00	\$ 270.00	\$ 1,770.00		
98	E602		Provide new 30A, 3-pole circuit breaker.	EA	6	0%	6	\$ 350.00	\$ 2,100.00	\$ 105.00	\$ 630.00	\$ 2,730.00		
99	E602		Provide new 20A, 3-pole circuit breaker.	EA	3	0%	3	\$ 300.00	\$ 900.00	\$ 95.00	\$ 285.00	\$ 1,185.00		
100	E602		Provide new 15A, 3-pole circuit breaker.	EA	1	0%	1	\$ 280.00	\$ 280.00	\$ 80.00	\$ 80.00	\$ 360.00		
101	E602		Provide new 100A, 3-pole circuit breaker.	EA	3	0%	3	\$ 700.00	\$ 2,100.00	\$ 290.00	\$ 870.00	\$ 2,970.00		
102	E602		Provide new 200A, 3-pole circuit breaker.	EA	3	0%	3	#####	\$ 4,500.00	\$ 340.00	\$ 1,020.00	\$ 5,520.00		
103	E602		Provide new 400A, 3-pole circuit breaker.	EA	1	0%	1	#####	\$ 2,200.00	\$ 420.00	\$ 420.00	\$ 2,620.00		
104	E602		Provide new 350A, 3-pole circuit breaker.	EA	1	0%	1	#####	\$ 1,800.00	\$ 390.00	\$ 390.00	\$ 2,190.00		
105	EP101	Keynote# 20	Provide new NEMA3R disconnect switch. - Rating to be verified in field.	EA	1	0%	1	\$ 900.00	\$ 900.00	\$ 220.00	\$ 220.00	\$ 1,120.00		
		26 51 00	INTERIOR LIGHTING											
106	EL101-EL102		Provide new 120V, 19W, 6" downlight lighting fixture D2. - Manu: LITHONIA LIGHTING. - Model: LDN6 40/22 LSSMVOLT L06 TRB LSS MVOLT UGZ.	EA	39	0%	39	\$ 200.00	\$ 7,800.00	\$ 95.00	\$ 3,705.00	\$11,505.00		
107	EL101-EL102		Provide new 120V, 21W, 6" recessed rectilinear downlight lighting fixture D3. - Manu: USAI LIGHTING. - Model: MDQ6 211K 35 50L BE NCVS LW DBE UB72 C36 UA2.	EA	9	0%	9	\$ 220.00	\$ 1,980.00	\$ 110.00	\$ 990.00	\$ 2,970.00		
108	EL101-EL102		Provide new 120V, 4W exit sign lighting fixture with 90 minute emergency battery backup E1. - Manu: LITHONIA LIGHTING. - Model: LHQM LED R HO R HSD.	EA	14	0%	14	\$ 170.00	\$ 2,380.00	\$ 90.00	\$ 1,260.00	\$ 3,640.00		
109	EL101-EL102		Provide new 120V, 7W remote emergency lighting fixture with 90 minute emergency battery backup E3. - Manu: LITHONIA LIGHTING. - Model: LHQM LED R HO R HSD.	EA	21	0%	21	\$ 335.00	\$ 7,035.00	\$ 135.00	\$ 2,835.00	\$ 9,870.00		
110	EL101-EL102		Provide new 120V, 20W, 52" ceiling fan with led lighting fixture F1. - Manu: PATRIOT. - Model: F-1017 ROB.	EA	12	0%	12	\$ 310.00	\$ 3,720.00	\$ 105.00	\$ 1,260.00	\$ 4,980.00		
111	EL101-EL102		Provide new wall mounted fan controls. - Manu: THAI. - Model: A3500.	EA	12	0%	12	\$ 85.00	\$ 1,020.00	\$ 40.00	\$ 480.00	\$ 1,500.00		
112	EL101-EL102		Provide new 120V, 36W, 23" downlight lighting fixture H1. - Manu: LIGHTWAY. - Model: LDLH-23-3.3W-A-VL-A.	EA	24	0%	24	\$ 800.00	\$ 19,200.00	\$ 320.00	\$ 7,680.00	\$26,880.00		
113	EL101-EL102		Provide new 120V, 36W, 4' strip lighting fixture N4. - Manu: LITHONIA LIGHTING. - Model: CSS L48 ALO3 MVOLTSWW3 80CRI.	EA	6	0%	6	\$ 105.00	\$ 630.00	\$ 40.00	\$ 240.00	\$ 870.00		
114	EL101-EL102		Provide new 120V, 21W, 6" pendant mounted lighting fixture P2. - Manu: LUMINIS. - Model: L10L2 FLD 35K 10L A5R SH BL STM BK.	EA	19	0%	19	\$ 560.00	\$ 10,640.00	\$ 250.00	\$ 4,750.00	\$15,390.00		

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Project Name:		RONALD MCDONALD HOUSE										\$	3,267,332
Location:											3%	\$	98,019.97
Scope of Work:		ELECTRICAL									5%	\$	163,366.61
Date:											15%	\$	490,099.83
Project ID											7.25%	\$	39,190
Note:												\$	4,058,008
Item #	Dwg	Detail	Item Description	Unit	Quantity	Waste	Quantity w/ Waste	Unit Material Cost	Total Material Cost	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
115	EL101-EL102		Provide new 120V, 9W, 15" decorative lighting fixture P4. - Manu: MIDVALE. - Model: SCIAE.	EA	6	0%	6	\$ 400.00	\$ 2,400.00	\$ 180.00	\$ 1,080.00	\$ 3,480.00	
116	EL101-EL102		SC1. - Manu: LIGHTWAY. - Model: BLW-24L-ED-3500K-81.	EA	18	0%	18	\$ 450.00	\$ 8,100.00	\$ 210.00	\$ 3,780.00	\$11,880.00	
117	EL101-EL102		Provide new 20V, 18W, 24" vanity lighting fixture V2. - Manu: LITHONIA LIGHTING. - Model: FMVC CLS 24IN MVOLT 30K 90CRI MB.	EA	3	0%	3	\$ 210.00	\$ 630.00	\$ 75.00	\$ 225.00	\$ 855.00	
118	EL101-EL102		Provide new 20V, 18W, 36" vanity lighting fixture V3. - Manu: LITHONIA LIGHTING. - Model: FMVC CLS 36IN MVOLT 30K 90CRI MB.	EA	13	0%	13	\$ 206.00	\$ 2,678.00	\$ 65.00	\$ 845.00	\$ 3,523.00	
119	EL101-EL102		Provide new 120V, 19W exterior wall pack lighting fixture AA1. - Manu: LITHONIA LIGHTING. - Model: WDGE2 P2 30K 80CRI 3M MVOLT SRM PE DDBXD.	EA	4	0%	4	\$ 510.00	\$ 2,040.00	\$ 230.00	\$ 920.00	\$ 2,960.00	
120	EL101-EL102		Provide new 120V, 1W emergency lighting fixture with 90 minute emergency battery backup E2. - Manu: LITHONIA LIGHTING. - Model: ELA SDO QWP L0399 M12.	EA	4	0%	4	\$ 185.00	\$ 740.00	\$ 75.00	\$ 300.00	\$ 1,040.00	
121	EL101-EL102		Provide new 120V, 19W, 6" downlight lighting fixture D1. - Manu: LITHONIA LIGHTING. - Model: LDN6 40/22 LSSMVOLT L06 TRW LSS MVOLT UGZ.	EA	127	0%	127	\$ 210.00	\$ 26,670.00	\$ 86.00	\$10,922.00	\$37,592.00	
122	EL101-EL102		Provide new 120V, 42W, 2' x 4' troffer lighting fixture A1. - Manu: LITHONIA LIGHTING. - Model: STAK 2X4 5000LM 80CRI 35K COL MIN10 ZT MVOLT.	EA	26	0%	26	\$ 590.00	\$ 15,340.00	\$ 250.00	\$ 6,500.00	\$21,840.00	
123	EL101		Provide new 120V, 75W, 4' suspended lighting fixture M4. - Manu: LITHONIA LIGHTING. - Model: MSL8000 MSL8L MVOLT GZ10 35K 80CRI WH.	EA	9	0%	9	\$ 540.00	\$ 4,860.00	\$ 234.00	\$ 2,106.00	\$ 6,966.00	
124	EL101		Provide new 120V, 9W, 1' under cabinet lighting fixture U1. - Manu: JUNO. - Model: UCES 12IN 9W 90CRI WH M6.	EA	3	0%	3	\$ 130.00	\$ 390.00	\$ 40.00	\$ 120.00	\$ 510.00	
125	EL101		Provide new 120V, 13W, 2' under cabinet lighting fixture U2. - Manu: JUNO. - Model: UCES 24IN 13W 90CRI WH M6.	EA	1	0%	1	\$ 180.00	\$ 180.00	\$ 60.00	\$ 60.00	\$ 240.00	
126	EL101		Provide new 120V, 21W, 3' under cabinet lighting fixture U3. - Manu: JUNO LIGHTING. - Model: UCES 36IN 13W 90CRI WH M6.	EA	2	0%	2	\$ 210.00	\$ 420.00	\$ 80.00	\$ 160.00	\$ 580.00	
127	EL102		Provide new 120V, 24W, 2' x 2' troffer lighting fixture B1. - Manu: LITHONIA LIGHTING. - Model: STAK 2X2 3000LM 80CRI 35K COL MIN10 ZT MVOLT.	EA	4	0%	4	\$ 235.00	\$ 940.00	\$ 90.00	\$ 360.00	\$ 1,300.00	
128	EL102		Provide new 120V, 13W, 18" pendant mounted lighting fixture P1. - Manu: LIGHTWAY. - Model: LDLH-18-LED-FIK3-W-3W-4AC-DIM.	EA	1	0%	1	\$ 450.00	\$ 450.00	\$ 190.00	\$ 190.00	\$ 640.00	
129	EL102		Provide new 120V, 48W, 4' decorative pendant mounted lighting fixture P3. - Manu: LUXXB0X. - Model: LUXX-L-48-35-D-UNV-CD.	EA	3	10%	3	\$ 800.00	\$ 2,640.00	\$ 350.00	\$ 1,155.00	\$ 3,795.00	
130	EL102		Provide new 120V, 13W track mounded lighting fixture T1. - Manu: LITHONIA LIGHTING. - Model: LTNTS8F BR30 MW. - Dimmable BR30 bulb. - 2' track.	EA	6	0%	6	\$ 130.00	\$ 780.00	\$ 50.00	\$ 300.00	\$ 1,080.00	
131	EL102		SC2. - Manu: LIGHTWAY. - Model: MEOW-526-LED-O2C-3000K-B1-WSA-21.	EA	8	0%	8	\$ 600.00	\$ 4,800.00	\$ 200.00	\$ 1,600.00	\$ 6,400.00	
132	ES101	Keynote# 6	Provide new 120V, 90W, 2' exterior pole lighting fixture BB1. - Manu: LITHONIA LIGHTING. - Model: DSX0 LED P5 30K 80CRI TILT M SPA PER HS DDBXD /DL1 127 F1.5 U.	EA	1	0%	1	#####	\$ 1,190.00	\$ 320.00	\$ 320.00	\$ 1,510.00	
133	ES101	Keynote# 6	Provide new 120V, 90W, 2' exterior pole lighting fixture BB2. - Manu: LITHONIA LIGHTING. - Model: DSX0 LED P5 30K 80CRI TFTM MVOLT SPA PER HS DDBXD /DL1 127 F1.5 U.	EA	2	0%	2	#####	\$ 2,200.00	\$ 300.00	\$ 600.00	\$ 2,800.00	
134	ES101	Keynote# 6	Provide new 20' x 5 sq. lighting poles. - Manu: LITHONIA LIGHTING. - Model: DM19AS DBLXD.	EA	4	0%	4	#####	\$ 12,800.00	\$ 900.00	\$ 3,600.00	\$16,400.00	
135	ES101	Keynote# 4	Provide new 120V, 9W floodlight lighting fixture FF1. - Manu: LITHONIA LIGHTING. - Model: ESXF1 ALO SSW2 KY DDB.	EA	4	0%	4	\$ 170.00	\$ 680.00	\$ 75.00	\$ 300.00	\$ 980.00	
136	ES101		Provide new 120V, 21W, 6" recessed rectilinear downlight nightlight lighting fixture D3. - Manu: USAI LIGHTING. - Model: MDQ6 211K 35 50L BE NCVS LW DBE UB72 C36 UA2.	EA	2	0%	2	\$ 400.00	\$ 800.00	\$ 170.00	\$ 340.00	\$ 1,140.00	
			DIVISION 27- COMMUNICATION										
		27 11 00	COMMUNICATIONS EQUIPMENT ROOM FITTINGS										
137	ET101	Keynote#12	Provide new fire-retardant treated plywood.	EA	1	0%	1	\$ 80.00	\$ 80.00	\$ 40.00	\$ 40.00	\$ 120.00	
138	ET101	Keynote# 3	Provide new 2-post equipment rack.	EA	1	0%	1	\$ 450.00	\$ 450.00	\$ 90.00	\$ 90.00	\$ 540.00	
139	ET101	Keynote# 4	Provide new ladder rack.	LF	20	10%	22	\$ 40.00	\$ 880.00	\$ 35.00	\$ 770.00	\$ 1,650.00	
		27 15 00	COMMUNICATIONS HORIZONTAL CABLING										
140	ET101		Provide new 12-starnd 50/125 MICRON OM4 multi mode fiber optic cable.	LF	12	10%	7	\$ 40.00	\$ 280.00	\$ 12.00	\$ 84.00	\$ 364.00	
141	ET101-ET102		Provide new 4-pair CAT6A plenum utp cable.	LF	12000	10%	13200	\$ 2.00	\$ 26,400.00	\$ 1.00	\$13,200.00	\$39,600.00	
			DIVISION 28 — ELECTRONIC SAFETY AND SECURITY										
		28 31 11	MODIFIED DIGITAL ADDRESSABLE FIRE ALARM SYSTEM										
142	ET102		Provide new fire alarm pull station.	EA	1	0%	1	\$ 75.00	\$ 75.00	\$ 40.00	\$ 40.00	\$ 115.00	
143	ET101-ET102		Provide new smoke detector.	EA	31	0%	31	\$ 85.00	\$ 2,635.00	\$ 45.00	\$ 1,395.00	\$ 4,030.00	
144	ET101-ET102		Provide new fire alarm horn/strobe.	EA	20	0%	20	\$ 60.00	\$ 1,200.00	\$ 38.00	\$ 760.00	\$ 1,960.00	

Building Data Summary												
Project Name:		RONALD MCDONALD HOUSE										
Location:												
Scope of Work:		ELECTRICAL										
Date:												
Project ID												
Note:												

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Project Name:	RONALD MCDONALD HOUSE											
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		\$	3,267,332
	3%	\$	98,019.97
	5%	\$	163,366.61
	15%	\$	490,099.83
	7.25%	\$	39,190
		\$	4,058,008

Item #	Dwg	Detail	Item Description	Unit	Quantity	Waste	Quantity w/ Waste	Unit Material Cost	Total Material Cost	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
180	EL102		Provide new 120V, 19W exterior wall pack lighting fixture AA1. - Manu: LITHONIA LIGHTING. - Model: WDGE2 P2 30K 80CRI 3M MVOLT SRM PE DDBXD.	EA	1	0%	1	\$ 510.00	\$ 510.00	\$ 230.00	\$ 230.00	\$ 740.00	
181	EL102		Provide new 120V, 19W, 6" downlight lighting fixture D1. - Manu: LITHONIA LIGHTING. - Model: LDN6 40/22 LSSMVOLT L06 TRW LSS MVOLT UGZ.	EA	8	0%	8	\$ 210.00	\$ 1,680.00	\$ 86.00	\$ 688.00	\$ 2,368.00	
182	EL102		SC1. - Manu: LIGHTWAY. - Model: BLW-24L-ED-3500K-81.	EA	3	0%	3	\$ 450.00	\$ 1,350.00	\$ 210.00	\$ 630.00	\$ 1,980.00	
183	EL102		Provide new 120V, 7W remote emergency lighting fixture with 90 minute emergency battery backup E3. - Manu: LITHONIA LIGHTING. - Model: LHQM LED R HO R HSD.	EA	1	0%	1	\$ 335.00	\$ 335.00	\$ 135.00	\$ 135.00	\$ 470.00	
DIVISION 27- COMMUNICATION													
		27 15 00	COMMUNICATIONS HORIZONTAL CABLING										
184	ET102		Provide new 4-pair CAT6A plenum utp cable.	LF	850	0%	850	\$ 2.00	\$ 1,700.00	\$ 1.00	\$ 850.00	\$ 2,550.00	
DIVISION 28 — ELECTRONIC SAFETY AND SECURITY													
		28 31 11	MODIFIED DIGITAL ADDRESSABLE FIRE ALARM SYSTEM										
185	ET102		Provide new smoke detector.	EA	2	0%	2	\$ 85.00	\$ 170.00	\$ 45.00	\$ 90.00	\$ 260.00	
186	ET102		Provide new fire alarm strobe.	EA	2	0%	2	\$ 60.00	\$ 120.00	\$ 38.00	\$ 76.00	\$ 196.00	
187	ET102		Provide new fire alarm horn/strobe.	EA	2	0%	2	\$ 60.00	\$ 120.00	\$ 38.00	\$ 76.00	\$ 196.00	
Subtotal (ALTERNATE: # 4)									\$ 25,964.50				\$ 46,373
											PROJECTED COST	\$	46,373
											INSURANCE	3%	\$ 1,391.18
											CONTINGENCY	5%	\$ 2,318.63
											OVERHEAD AND PROFIT	15%	\$ 6,955.88
											TAX	7.25%	\$ 13
											SUGGESTED BID	\$	57,051

* Note:

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

		\$ 3,267,332
	3%	\$ 98,019.97
	5%	\$ 163,366.61
	15%	\$ 490,099.83
	7.25%	\$ 39,190
		\$ 4,058,008

PROJECTED COST		\$	42,152
INSURANCE	3%	\$	1,264.55
CONTINGENCY	5%	\$	2,107.58
OVERHEAD AND PROFIT	15%	\$	6,322.73
TAX	7.25%	\$	39,190
SUGGESTED BID		\$	91,036

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