

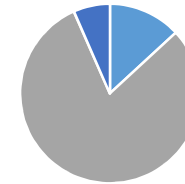
GENERAL SUMMARY

Prepared for: Red Bull Electrada EV Charging, Brooklyn 749 Bank Street, Unit 1 Brooklyn, NY 11236
Project ID:
Scope: Electrical
No. Of Floors: 1
Date: 14-May-25



BUILDING GSF		7,089	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 16,500	\$ 2
26000	Electrical	\$ 101,213	\$ 14
27000	Communications	\$ 8,299	\$ 1
TOTAL TRADE COST		\$ 126,012	\$ 18
OVERHEAD AND PROFIT			
	15%	\$ 18,902	\$ 2.7
INSURANCE	3%	\$ 3,780	\$ 0.5
CONTINGENCY	5%	\$ 6,301	\$ 1
TAX	9%	\$ 5,831	\$ 2
SUGGESTED BID		\$ 160,826	\$ 23

DIVISION COST COMPARISON



■ General Requirements
 ■ Electrical
 ■ Communications



DETAILED BREAKDOWN OF ITEMS

Prepared for: **Red Bull Electrada EV Charging, Brooklyn 749 Bank Street, Unit 1 Brooklyn, NY 11236**
 Project ID:
 Scope: **Electrical**



Date: 14-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
3			Testing & Commissioning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 4,000.00	\$ 4,000.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 4,000.00	\$ 4,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
												SUBTOTAL	\$ 16,500

ELECTRICAL													
DISTRIBUTION													
CONDUIT													
8			3/4" EMT Conduit	LF	12	10%	13	0.06	\$ 95.00	\$ 5.89	\$ 2.03	\$ 7.92	\$ 106.63
9			1" EMT Conduit	LF	492	10%	541	0.07	\$ 95.00	\$ 6.65	\$ 3.46	\$ 10.11	\$ 5,471.64
10			1-1/4" EMT Conduit	LF	404	10%	444	0.08	\$ 95.00	\$ 7.60	\$ 5.65	\$ 13.25	\$ 5,886.55
11			2-1/2" EMT Conduit	LF	354	10%	389	0.13	\$ 95.00	\$ 12.64	\$ 11.10	\$ 23.74	\$ 9,233.01
12			3" EMT Conduit	LF	14	10%	15	0.16	\$ 95.00	\$ 15.20	\$ 14.07	\$ 29.27	\$ 439.81
13			1" Flex S Conduit	LF	29	10%	32	0.07	\$ 95.00	\$ 6.65	\$ 2.15	\$ 8.80	\$ 284.59
14			1-1/4" Flex S Conduit	LF	15	10%	16	0.08	\$ 95.00	\$ 7.60	\$ 2.82	\$ 10.42	\$ 171.59
15			2-1/2" Flex S Conduit	LF	5	10%	5	0.13	\$ 95.00	\$ 12.64	\$ 6.73	\$ 19.37	\$ 101.82
16			3" Flex S Conduit	LF	5	10%	5	0.16	\$ 95.00	\$ 15.20	\$ 11.19	\$ 26.39	\$ 138.76
CONDUCTOR													
17			#10 CU XHHW	LF	37	10%	40	0.008	\$ 95.00	\$ 0.76	\$ 0.42	\$ 1.18	\$ 47.58
18			#8 CU XHHW	LF	521	10%	574	0.009	\$ 95.00	\$ 0.86	\$ 0.62	\$ 1.47	\$ 843.69
19			#6 CU XHHW	LF	419	10%	461	0.010	\$ 95.00	\$ 0.95	\$ 0.95	\$ 1.90	\$ 873.55
20			#4 CU XHHW	LF	358	10%	394	0.011	\$ 95.00	\$ 1.05	\$ 1.45	\$ 2.50	\$ 984.47
21			#3 CU XHHW	LF	1043	10%	1147	0.012	\$ 95.00	\$ 1.14	\$ 1.83	\$ 2.97	\$ 3,402.30
22			#2 CU XHHW	LF	838	10%	921	0.013	\$ 95.00	\$ 1.24	\$ 2.28	\$ 3.51	\$ 3,236.20
23			#2/0 CU XHHW	LF	18	10%	20	0.016	\$ 95.00	\$ 1.52	\$ 3.74	\$ 5.26	\$ 106.69
24			#250 KCMIL CU XHHW	LF	1075	10%	1183	0.025	\$ 95.00	\$ 2.38	\$ 6.84	\$ 9.22	\$ 10,901.74
25			#350 KCMIL CU XHHW	LF	74	10%	81	0.030	\$ 95.00	\$ 2.85	\$ 9.63	\$ 12.48	\$ 1,012.17
LUGS													
26			Compression Lug CU With 1-Hole , #8 CU Wire	EA	12	0%	12	0.40	\$ 95.00	\$ 38.00	\$ 2.64	\$ 40.64	\$ 487.68
27			Heat Shrink Tubing for #8 CU Wire	EA	12	0%	12	0.22	\$ 95.00	\$ 20.90	\$ 0.19	\$ 21.09	\$ 253.13
28			Compression Lug CU With 1-Hole , #6 CU Wire	EA	6	0%	6	0.40	\$ 95.00	\$ 38.00	\$ 2.94	\$ 40.94	\$ 245.64
29			Heat Shrink Tubing for #6 CU Wire	EA	6	0%	6	0.22	\$ 95.00	\$ 20.90	\$ 0.21	\$ 21.11	\$ 126.66
30			Compression Lug CU With 1-Hole , #4 CU Wire	EA	6	0%	6	0.40	\$ 95.00	\$ 38.00	\$ 2.98	\$ 40.98	\$ 245.88
31			Heat Shrink Tubing for #4 CU Wire	EA	6	0%	6	0.22	\$ 95.00	\$ 20.90	\$ 0.23	\$ 21.13	\$ 126.78
32			Compression Lug CU With 1-Hole , #3 CU Wire	EA	36	0%	36	0.42	\$ 95.00	\$ 39.90	\$ 3.10	\$ 43.00	\$ 1,548.00
33			Heat Shrink Tubing for #3 CU Wire	EA	36	0%	36	0.22	\$ 95.00	\$ 20.90	\$ 0.25	\$ 21.15	\$ 761.40
34			Compression Lug CU With 1-Hole , #2 CU Wire	EA	12	0%	12	0.42	\$ 95.00	\$ 39.90	\$ 3.50	\$ 43.40	\$ 520.80
35			Heat Shrink Tubing for #2 CU Wire	EA	12	0%	12	0.22	\$ 95.00	\$ 20.90	\$ 0.25	\$ 21.15	\$ 253.80
36			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	2	0%	2	0.45	\$ 95.00	\$ 42.75	\$ 10.63	\$ 53.38	\$ 106.76
37			Heat Shrink Tubing for #2/0 CU Wire	EA	2	0%	2	0.24	\$ 95.00	\$ 22.80	\$ 0.30	\$ 23.10	\$ 46.20
38			Compression Lug CU With 1-Hole , #250 KCMIL CU Wire	EA	18	0%	18	0.42	\$ 95.00	\$ 39.90	\$ 8.59	\$ 48.49	\$ 872.82
39			Heat Shrink Tubing for #250 KCMIL CU Wire	EA	18	0%	18	0.23	\$ 95.00	\$ 21.85	\$ 0.28	\$ 22.13	\$ 398.34

DETAILED BREAKDOWN OF ITEMS

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 Project ID:
 Scope: **Electrical**



Date: **14-May-25**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
40	EV-03, EV-04 & EV-09	From Electrical Plans	Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	8	0%	8	0.46	\$ 95.00	\$ 43.70	\$ 12.19	\$ 55.89	\$ 447.12		
41			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	8	0%	8	0.25	\$ 95.00	\$ 23.75	\$ 0.34	\$ 24.09	\$ 192.72		
					CIRCUIT BREAKER (INSTALL ONLY)										
					The Client is providing the balance of plant electrical equipment (208V/120 Panel, circuit breakers for 208V/120 Panel, and 150 kVA step-down TX). Contractor to provide all other material for a fully furnished and safe electrical system.										
42					100AF/2P/30AT Circuit Breaker Lock off, Bolt-on Type	EA	1	0%	1	0.50	\$ 95.00	\$ 47.50	\$ -	\$ 47.50	\$ 47.50
43					100AF/2P/100AT Circuit Breaker Lock off, Bolt-on Type	EA	9	0%	9	0.93	\$ 95.00	\$ 88.35	\$ -	\$ 88.35	\$ 795.15
44					600AF/3P/600AT Circuit Breaker, Bolt-on Type	EA	1	0%	1	2.90	\$ 95.00	\$ 275.50	\$ -	\$ 275.50	\$ 275.50
					DEVICES										
					The Client is providing the balance of plant electrical equipment (208V/120 Panel, circuit breakers for 208V/120 Panel, and 150 kVA step-down TX). Contractor to provide all other material for a fully furnished and safe electrical system.										
45					Switchboard EVDP-1, 600A, 120/208V, 3Ph, 4W, KAIC: 65, NEMA 1, 30 Poles, Service Entrance Rated, with Integral Type 2, 200KA SPD with Disconnect. Manuf: SIEMENS, SQUARE-D (Install Only)	EA	1	0%	1	5.70	\$ 95.00	\$ 541.50	\$ -	\$ 541.50	\$ 541.50
46					EVDP-1 Submeter, ACCUENERGY ACUPANEL 910X-IIW-MV-P3V3-WEB2, 400A, 480/277V, 3P, 3W, NEMA 4X with Communication.	EA	1	0%	1	6.00	\$ 95.00	\$ 570.00	\$ 1,950.00	\$ 2,520.00	\$ 2,520.00
47					EVDP-1 Submeter, LEVITON VERIFEYE Class 3500, 400A, 480/277V, 3P, 3W, with Communication.	EA	1	0%	1	6.00	\$ 95.00	\$ 570.00	\$ 2,028.66	\$ 2,598.66	\$ 2,598.66
48					T-EVDP-1 Transformer, 150KVA, 480:208/120V, 3Ph, 4W DELTA & WYE Transformer, Open Ventilated, Dry Type (Install Only)	EA	1	0%	1	40.00	\$ 95.00	\$ 3,800.00	\$ -	\$ 3,800.00	\$ 3,800.00
49					EVSE, Single Port, 80A, 16.64KW, AX Series EV Charger, NEMA 3R, With Wall Mount Bracket with Power Box, SAE J1772 AC Charging Connector	EA	9	0%	9	4.00	\$ 95.00	\$ 380.00	\$ 3,195.00	\$ 3,575.00	\$ 32,175.00
50					Provide Extra SAE J1772 AC Charging Connector and Cord	EA	3	0%	3	1.75	\$ 95.00	\$ 166.25	\$ 210.00	\$ 376.25	\$ 1,128.75
					DISCONNECT SWITCH										
					Note: Knife-blade Type Switches Shall be Load Break, Quick-make-quick-break With Arc Quenchers, UL Class R Up To 600A. Switches Shall be Similar to Eaton DH36.										
51					DS-EVDP-1, 3P/400AS Non Fused Disconnect Switch, Heavy duty	EA	1	0%	1	2.70	\$ 95.00	\$ 256.50	\$ 3,720.00	\$ 3,976.50	\$ 3,976.50
					GROUNDING										
52					Neutral Bus	EA	1	0%	1	0.60	\$ 95.00	\$ 57.00	\$ 152.00	\$ 209.00	\$ 209.00
53			Ground Bus	EA	1	0%	1	0.85	\$ 95.00	\$ 80.75	\$ 220.00	\$ 300.75	\$ 300.75		
54			#2 Bonding Jumper	EA	4	0%	4	0.42	\$ 95.00	\$ 39.90	\$ 45.00	\$ 84.90	\$ 339.60		
55			Ground Terminal	EA	2	0%	2	0.45	\$ 95.00	\$ 42.75	\$ 27.50	\$ 70.25	\$ 140.50		
56			Double Locknut & Ground Bushing	EA	3	0%	3	0.48	\$ 95.00	\$ 45.60	\$ 35.00	\$ 80.60	\$ 241.80		
57			#2/0 Grounding Conductor, 3/4" EMT Conduit	LF	10	0%	10	0.08	\$ 95.00	\$ 7.22	\$ 5.43	\$ 12.65	\$ 126.50		
			MISCELLANEOUS												
58			Junction Box, NEMA 4X	EA	6	0%	6	0.80	\$ 95.00	\$ 76.00	\$ 256.00	\$ 332.00	\$ 1,992.00		
59			Anchor Bolt with Nut & Lock washer	EA	4	0%	4	0.30	\$ 95.00	\$ 28.50	\$ 3.50	\$ 32.00	\$ 128.00		
												SUBTOTAL \$ 101,213			

DETAILED BREAKDOWN OF ITEMS

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Date: 14-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
COMMUNICATION														
TELECOMMUNICATION														
			CONDUIT											
60	EV-09	From Electrical Plans	3/4" EMT Conduit	LF	185	10%	204	0.06	\$ 95.00	\$ 5.89	\$ 2.03	\$ 7.92	\$ 1,613.90	
61			1" EMT Conduit	LF	40	10%	44	0.07	\$ 95.00	\$ 6.65	\$ 3.46	\$ 10.11	\$ 443.84	
62			1-1/4" EMT Conduit	LF	40	10%	44	0.08	\$ 95.00	\$ 7.60	\$ 5.65	\$ 13.25	\$ 585.19	
63			1-1/2" EMT Conduit	LF	46	10%	51	0.09	\$ 95.00	\$ 8.46	\$ 7.04	\$ 15.50	\$ 786.09	
64			3/4" Flex S Conduit	LF	44	10%	49	0.06	\$ 95.00	\$ 5.89	\$ 1.18	\$ 7.07	\$ 345.07	
			CONDUCTOR											
65			CAT6 Cable	LF	1005	10%	1106	0.03	\$ 95.00	\$ 2.38	\$ 0.28	\$ 2.66	\$ 2,936.07	
			J-HOOKS											
66	2" J-Hook	EA	45	0%	45	0.20	\$ 95.00	\$ 19.00	\$ 1.30	\$ 20.30	\$ 913.50			
	DEVICES													
67	MNB-1, 30A, 0.60 KVA, Mini Network Box, NEMA 3R	EA	1	0%	1	1.10	\$ 95.00	\$ 104.50	\$ 310.00	\$ 414.50	\$ 414.50			
68	Unistrut Rack For Mini Network Box	EA	1	0%	1	1.00	\$ 95.00	\$ 95.00	\$ 166.00	\$ 261.00	\$ 261.00			
												SUBTOTAL \$	8,299	

	PROJECTED COST	\$126,012
OVERHEAD AND PROFIT	15%	\$18,902
INSURANCE	3%	\$3,780
CONTINGENCY	5%	\$6,301
TAX	9%	\$5,831
SUGGESTED BID		\$160,826

Notes:

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

