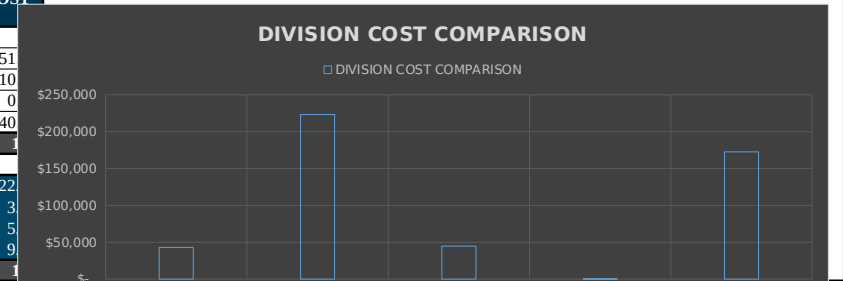


GENERAL SUMMARY

Prepared for: Club Car Wash, 18301 Grove Parkway Oklahoma City, OK 73012
Project ID: 15032026
Scope: Electrical
No. Of Floors: 1
Date: 28-Sep-26



BUILDING GSF		4,300		
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)	
1000	General Requirements	\$ 43,022	\$	
26000	Electrical	\$ 223,297	\$ 51	
27000	Communications	\$ 44,737	\$ 10	
28000	Electronic Safety and Security	\$ 470	\$ 0	
33000	Utilities	\$ 172,608	\$ 40	
TOTAL TRADE COST		\$ 484,133	\$	
OVERHEAD AND PROFIT		20%	\$ 96,827	\$ 22
INSURANCE		3%	\$ 14,524	\$ 3
CONTINGENCY		5%	\$ 24,207	\$ 5
TAX		8%	\$ 16,843	\$ 9
SUGGESTED BID		\$ 636,534	\$	



ELECTRICAL ESTIMATING

DETAILED BREAKDOWN OF ITEMS													
Prepared for: Club Car Wash, 18301 Grove Parkway Oklahoma City, OK 73012													
Project ID: 15032026													
Scope: Electrical			 +1 (214) 556-2605										
			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													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 19,522.00	\$ 19,522.00
3			Submittals and Shop Drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 12,000.00	\$ 12,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
8			Equipment Cost	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 7,500.00	\$ 7,500.00
												SUBTOTAL \$ 43,022	
ELECTRICAL													
DISTRIBUTION													
CONDUIT													
9			1" PVC SCH 40 Conduit	LF	7	10%	7	0.064	\$ 85.00	\$ 5.44	\$ 3.11	\$ 8.55	\$ 61.73
10			1-1/2" PVC SCH 40 Conduit	LF	8	10%	9	0.080	\$ 85.00	\$ 6.80	\$ 5.57	\$ 12.37	\$ 114.85
11			2-1/2" PVC SCH 40 Conduit	LF	106	10%	117	0.123	\$ 85.00	\$ 10.46	\$ 9.99	\$ 20.45	\$ 2,390.63
12			4" PVC SCH 40 Conduit	LF	59	10%	65	0.178	\$ 85.00	\$ 15.13	\$ 15.26	\$ 30.39	\$ 1,968.64
CONDUCTOR													
13			#8 CU THHN/THWN	LF	8	10%	9	0.009	\$ 85.00	\$ 0.77	\$ 0.75	\$ 1.52	\$ 14.07
14			#6 CU THHN/THWN	LF	99	10%	109	0.010	\$ 85.00	\$ 0.85	\$ 0.98	\$ 1.83	\$ 198.60
15			#4 CU THHN/THWN	LF	8	10%	8	0.011	\$ 85.00	\$ 0.94	\$ 1.32	\$ 2.26	\$ 18.95
16			#3 CU THHN/THWN	LF	38	10%	41	0.012	\$ 85.00	\$ 1.02	\$ 1.66	\$ 2.68	\$ 111.14
17			#1/0 CU THHN/THWN	LF	10	10%	11	0.015	\$ 85.00	\$ 1.28	\$ 2.77	\$ 4.05	\$ 45.65
18			#3/0 CU THHN/THWN	LF	425	10%	468	0.017	\$ 85.00	\$ 1.45	\$ 3.25	\$ 4.70	\$ 2,195.95
19			#500 CU THHN/THWN	LF	166	10%	183	0.025	\$ 85.00	\$ 2.13	\$ 10.25	\$ 12.38	\$ 2,259.13
LUGS													
20			Compression Lug CU With 1-Hole , #6 CU Wire	EA	2	0%	2	0.400	\$ 85.00	\$ 34.00	\$ 2.64	\$ 36.64	\$ 73.28
21			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.220	\$ 85.00	\$ 18.70	\$ 0.19	\$ 18.89	\$ 37.79
22			Compression Lug CU With 1-Hole , #6 CU Wire	EA	2	0%	2	0.400	\$ 85.00	\$ 34.00	\$ 2.94	\$ 36.94	\$ 73.88
23			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.220	\$ 85.00	\$ 18.70	\$ 0.21	\$ 18.91	\$ 37.82
24			Compression Lug CU With 1-Hole , #4 CU Wire	EA	2	0%	2	0.400	\$ 85.00	\$ 34.00	\$ 2.98	\$ 36.98	\$ 73.96
25			Heat Shrink Tubing for #4 CU Wire	EA	2	0%	2	0.220	\$ 85.00	\$ 18.70	\$ 0.23	\$ 18.93	\$ 37.86
26			Compression Lug CU With 1-Hole , #3 CU Wire	EA	8	0%	8	0.420	\$ 85.00	\$ 35.70	\$ 3.10	\$ 38.80	\$ 310.40
27			Heat Shrink Tubing for #3 CU Wire	EA	8	0%	8	0.220	\$ 85.00	\$ 18.70	\$ 0.25	\$ 18.95	\$ 151.60
28			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	2	0%	2	0.430	\$ 85.00	\$ 36.55	\$ 4.86	\$ 41.41	\$ 82.82
29			Heat Shrink Tubing for #1/0 CU Wire	EA	2	0%	2	0.230	\$ 85.00	\$ 19.55	\$ 0.28	\$ 19.83	\$ 39.66
30			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	16	0%	16	0.450	\$ 85.00	\$ 38.25	\$ 11.00	\$ 49.25	\$ 788.00
31			Heat Shrink Tubing for #2/0 CU Wire	EA	16	0%	16	0.250	\$ 85.00	\$ 21.25	\$ 0.32	\$ 21.57	\$ 345.12
32			Compression Lug CU With 1-Hole , #500 KCMIL CU Wire	EA	32	0%	32	0.460	\$ 85.00	\$ 39.10	\$ 12.19	\$ 51.29	\$ 1,641.28
33			Heat Shrink Tubing for #500 KCMIL CU Wire	EA	32	0%	32	0.250	\$ 85.00	\$ 21.25	\$ 0.34	\$ 21.59	\$ 690.88
CIRCUIT BREAKER													
34			1P/20A Circuit Breaker	EA	84	0%	84	0.420	\$ 85.00	\$ 35.70		\$ 35.70	\$ 2,998.80
35			2P/20A Circuit Breaker	EA	1	0%	1	0.450	\$ 85.00	\$ 38.25		\$ 38.25	\$ 38.25
36			3P/15A Circuit Breaker	EA	3	0%	3	0.510	\$ 85.00	\$ 43.35		\$ 43.35	\$ 130.05
37			3P/20A Circuit Breaker	EA	14	0%	14	0.510	\$ 85.00	\$ 43.35		\$ 43.35	\$ 606.90
38			3P/25A Circuit Breaker	EA	4	0%	4	0.550	\$ 85.00	\$ 46.75		\$ 46.75	\$ 187.00
39			3P/30A Circuit Breaker	EA	1	0%	1	0.550	\$ 85.00	\$ 46.75		\$ 46.75	\$ 46.75
40			3P/40A Circuit Breaker	EA	15	0%	15	0.590	\$ 85.00	\$ 50.15		\$ 50.15	\$ 752.25
41			3P/100A Circuit Breaker	EA	1	0%	1	1.200	\$ 85.00	\$ 102.00		\$ 102.00	\$ 102.00
42			200A MCB	EA	1	0%	1	1.750	\$ 85.00	\$ 148.75		\$ 148.75	\$ 148.75
PANEL													
43			Panel HP1: 400A, 480/277V, 3P, 4W, 30 Poles, Surface Mounted	EA	1	0%	1	10.350	\$ 85.00	\$ 879.75		\$ 879.75	\$ 879.75
44			Panel LP1: 200A, 120/208V, 3P, 4W, 42 Poles, Surface Mounted	EA	1	0%	1	4.850	\$ 85.00	\$ 412.25		\$ 412.25	\$ 412.25
45			Panel LP2: 200A, 120/208V, 3P, 4W, 42 Poles, Surface Mounted	EA	1	0%	1	4.850	\$ 85.00	\$ 412.25		\$ 412.25	\$ 412.25
46			Panel MCC: 800A, 120/208V, 3P, 4W, 34 Poles, Surface Mounted	EA	1	0%	1	25.650	\$ 85.00	\$ 2,180.25		\$ 2,180.25	\$ 2,180.25
DEVICES													
47			Dedicated 500 KVA Transformer 480V, 3PH	EA	1	0%	1	120.000	\$ 85.00	\$ 10,200.00	\$ 53,785.00	\$ 63,985.00	\$ 63,985.00
48			75KVA Step Down Transformer TR1, 480V To 208V	EA	1	0%	1	24.250	\$ 85.00	\$ 2,061.25	\$ 7,123.58	\$ 9,184.83	\$ 9,184.83
49			CT Meter/ Cabinet	EA	1	0%	1	7.520	\$ 85.00	\$ 639.20	\$ 2,314.62	\$ 2,953.82	\$ 2,953.82
50			Tunnel Controller	EA	1	0%	1	2.250	\$ 85.00	\$ 191.25	\$ 2,204.76	\$ 2,396.01	\$ 2,396.01
DISCONNECT SWITCH													
51			2P/20A Disconnect Switch, NEMA 3R	EA	1	0%	1	0.852	\$ 85.00	\$ 72.42	\$ 152.00	\$ 224.42	\$ 224.42
52			400A, 277/480V, 3P Fused Disconnect, NEMA 3R	EA	1	0%	1	2.569	\$ 85.00	\$ 218.37	\$ 3,814.63	\$ 4,033.00	\$ 4,033.00
53			800A, 277/480V, 3P Fused Disconnect, NEMA 3R	EA	1	0%	1	4.850	\$ 85.00	\$ 412.25	\$ 10,408.54	\$ 10,820.79	\$ 10,820.79
GROUNDING													
54			5/8" x8" Long Ground Rod	EA	1	0%	1	0.550	\$ 85.00	\$ 46.75	\$ 58.65	\$ 105.40	\$ 105.40
55			Grounding Bar Copper Bus Bar (1/4"x4"x20") W/ Insulators And Mounting Br	EA	1	0%	1	0.890	\$ 85.00	\$ 75.65	\$ 447.58	\$ 523.23	\$ 523.23
56			Grounding Bus Bar	EA	1	0%	1	0.852	\$ 85.00	\$ 72.42	\$ 185.25	\$ 257.67	\$ 257.67
57			Neutral Bus Bar	EA	1	0%	1	0.820	\$ 85.00	\$ 69.70	\$ 122.69	\$ 192.39	\$ 192.39
58			Bonding Jumper	EA	2	0%	2	0.500	\$ 85.00	\$ 42.50	\$ 45.25	\$ 87.75	\$ 175.50
59			#4 Grounding Conductor	LF	20	10%	22	0.012	\$ 85.00	\$ 1.02	\$ 1.52	\$ 2.54	\$ 55.88
60			#1/0 Grounding Conductor	LF	40	10%	44	0.015	\$ 85.00	\$ 1.28	\$ 2.77	\$ 4.05	\$ 177.98
61			#2/0 Grounding Conductor	LF	20	10%	22	0.016	\$ 85.00	\$ 1.36	\$ 3.12	\$ 4.48	\$ 98.56
POWER													
CONDUIT													
62			3/4" RGS Conduit	LF	2882	10%	3170	0.062	\$ 85.00	\$ 5.27	\$ 3.75	\$ 9.02	\$ 28,597.88
63			1" RGS Conduit	LF	552	10%	608	0.070	\$ 85.00	\$ 5.95	\$ 4.98	\$ 10.93	\$ 6,641.63
64			1" PVC SCH 40 Conduit	LF	155	10%	170	0.068	\$ 85.00	\$ 5.78	\$ 1.20	\$ 6.98	\$ 1,189.25
65			1-1/2" PVC SCH 40 Conduit	LF	178	10%	196	0.088	\$ 85.00	\$ 7.48	\$ 1.98	\$ 9.46	\$ 1,851.54
66			1-1/2" PVC SCH 40 Conduit With Pull String	LF	5	10%	6	0.088	\$ 85.00	\$ 7.48	\$ 1.98	\$ 9.46	\$ 52.03
CONDUCTOR													
67			#12 CU THHN/THWN	LF	8828	10%	9711	0.007	\$ 85.00	\$ 0.60	\$ 0.25	\$ 0.85	\$ 8,205.97
68			#10 CU THHN/THWN	LF	1504	10%	1655	0.008	\$ 85.00	\$ 0.68	\$ 0.32	\$ 1.00	\$ 1,654.87
69			#8 CU THHN/THWN	LF	1657	10%	1823	0.009	\$ 85.00	\$ 0.77	\$ 0.75	\$ 1.52	\$ 2,761.77
DEVICE													
70			Duplex Receptacle, GFCI, TR, LEVITON #T580 SERIES	EA	22	0%	22	0.320	\$ 85.00	\$ 27.20	\$ 30.16	\$ 57.36	\$ 1,261.92
71			Duplex Receptacle, GFCI, WP, TR, LEVITON #T580 SERIES	EA	5	0%	5	0.320	\$ 85.00	\$ 27.20	\$ 32.11	\$ 59.31	\$ 296.55
72			Duplex Receptacle, GFCI, WP, TR, LEVITON #T580 SERIES With Single Gang	EA	1	0%	1	0.320	\$ 85.00	\$ 27.20	\$ 34.56	\$ 61.76	\$ 451.70
73			Duplex Receptacle, TR, LEVITON #T580 SERIES	EA	3	0%	3	0.320	\$ 85.00	\$ 27.20	\$ 30.16	\$ 57.36	\$ 1,270.08
74			Hydraulic Float Cable Switch	EA	4	0%	4	0.420	\$ 85.00	\$ 35.70	\$ 58.15	\$ 93.85	\$ 375.40
75			Motorized Louver / Damper	EA	2	0%	2	1.350	\$ 85.00	\$ 114.75	\$ -	\$ 114.75	\$ 229.50
76			Programmable Push Button	EA	1	0%	1	0.420	\$ 85.00	\$ 35.70	\$ 103.74	\$ 139.44	\$ 396.45
77			Quadplex Receptacle	EA	5	0%	5	0.320	\$ 85.00	\$ 27.20	\$ 34.15	\$ 61.35	\$ 130.74
78			Quadplex Receptacle, GFCI	EA	2	0%	2	0.620	\$ 85.00	\$ 52.70	\$ 52.32	\$ 105.02	\$ 210.04
79			Single Pole Toggle Switch	EA	5	0%	5	0.210	\$ 85.00	\$ 17.85	\$ 7.25	\$ 25.10	\$ 125.50
80			Tunnel Controller	EA	1	0%	1	8.250	\$ 85.00	\$ 701.25	\$ 4,985.25	\$ 5,686.50	\$ 5,686.50
LIGHTING													
CONDUIT													
81			3/4" EMT Conduit	LF	344	10%	379	0.062	\$ 85.00	\$ 5.27	\$ 1.96	\$ 7.23	\$ 2,738.98
82			3/4" RGS Conduit	LF	1118	10%	1230	0.062	\$ 85.00	\$ 5.27	\$ 3.75	\$ 9.02	\$ 11,090.12
83			1" RGS Conduit	LF	33	10%	37	0.070	\$ 85.00	\$ 5.95	\$ 4.98	\$ 10.93	\$ 402.29
84			1-1/2" PVC SCH 40 Conduit	LF	160	10%	176	0.088	\$ 85.00	\$ 7.48	\$ 1.98	\$ 9.46	\$ 1,662.46
CONDUCTOR													
85			#12 CU THHN/THWN	LF	2515	10%	2766	0.007	\$ 85.00	\$ 0.60	\$ 0.25	\$ 0.85	\$ 2,337.51
86			#10 CU THHN/THWN	LF	2451	10%	2696	0.008	\$ 85.00	\$ 0.68	\$ 0.38	\$ 1.06	\$ 2,857.82
LIGHTING FIXTURES													
87			114EA LED Linear Light Fixture	LF	95	0%	95	0.120	\$ 85.00	\$ 10.20	\$ -	\$ 10.20	\$ 966.76
88			B, 4 Strip, HE WILLIAMS 800A-4-LS-8-40-VBY-DIM-UNV Mounting; Chain W	EA	1	0%	1	1.900	\$ 85.00	\$ 161.00	\$ -	\$ 161.00	\$ 455.70
89			BEM, 4 Strip, HE WILLIAMS 804-4-LS-8-40-VBY-EM-DIM-UNV Mounting; B	EA	3	0%	3	1.520	\$ 85.00	\$ 129.20	\$ -	\$ 129.20	\$ 387.60

DETAILED BREAKDOWN OF ITEMS														
Prepared for: Club Car Wash, 18301 Grove Parkway Oklahoma City, OK 73012		Project ID: 15032026		Scope: Electrical		ELECTRICAL ESTIMATING +1 (214) 556-2605								
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	
90	Provided By Owner & Installed By Contractor	C: 2x2 Flat Panel, METALUX 22FPSL2SC13 Mounting; Grid/Watts: 16W Remar	EA	3	0%		3	0.852	\$ 85.00	\$ 72.42	\$ -	\$ 72.42	\$ 217.26	
91		D: 2x2 Flat Panel, METALUX 24FPSL2SC13 Mounting; Grid/Watts: 60W Remar	EA	4	0%		4	1.000	\$ 85.00	\$ 85.00	\$ -	\$ 85.00	\$ 340.00	
92		E: EM, LT/Exit Combo LED Light, SURE-LITES APCH7RM Mounting; Wall Notes	EA	2	0%		2	1.000	\$ 85.00	\$ 85.00	\$ -	\$ 85.00	\$ 170.00	
93		E1: EM LED Light, SURE-LITES LPXW7IRWHSO Mounting; Wall Remarks: 1	EA	5	0%		5	1.000	\$ 85.00	\$ 85.00	\$ -	\$ 85.00	\$ 425.00	
94		F: Sconce Down Light, AFX BVYW0406LAUDBK Mounting; Wall/Watts: 10W	EA	8	0%		8	0.752	\$ 85.00	\$ 63.92	\$ -	\$ 63.92	\$ 511.36	
95		G: Wall Pack, LUXMARK WPMLED2SS Mounting; Wall/Watts: 100W Remarks: 1	EA	16	0%		16	1.150	\$ 85.00	\$ 97.75	\$ -	\$ 97.75	\$ 1,564.00	
96		H: EM Light, SURE-LITES SELDW60BKSD Mounting; Wall/Watts: 5W Remarks	EA	6	0%		6	1.200	\$ 85.00	\$ 102.00	\$ -	\$ 102.00	\$ 612.00	
97		I: Remote Head, SURE-LITES APWR2 Mounting; Wall Remarks: 1; Remote He	EA	4	0%		4	0.850	\$ 85.00	\$ 72.25	\$ -	\$ 72.25	\$ 289.00	
98		WP1: Wall Pack, LUXMARK XTORAB-W Mounting; Wall/Watts: 37.7W Notes: 1	EA	8	0%		8	1.150	\$ 85.00	\$ 97.75	\$ -	\$ 97.75	\$ 782.00	
99		WP2: Wall Pack, LUXMARK XTORIB-W Mounting; Wall/Watts: 12.2W Notes: 1	EA	1	0%		1	1.150	\$ 85.00	\$ 97.75	\$ -	\$ 97.75	\$ 97.75	
LIGHTING CONTROL														
100	Provided By Owner & Installed By Electrical Contractor	Lighting Control Panel	EA	1	0%		1	3.256	\$ 85.00	\$ 276.76	\$ 685.30	\$ 962.06	\$ 962.06	
101		Sign/Light Contactor	EA	1	0%		1	1.350	\$ 85.00	\$ 114.75	\$ 459.13	\$ 573.88	\$ 573.88	
102		Lighting Control Panel LCR, WATTSTOPPER W/ 8 Relay & 6 Astronomical Time	EA	1	0%		1	3.254	\$ 85.00	\$ 276.59	\$ -	\$ 276.59	\$ 276.59	
103		2P Definite Purpose Magnetic Contactor, 30A, 120V	EA	3	0%		3	0.420	\$ 85.00	\$ 35.70	\$ 66.20	\$ 101.90	\$ 305.70	
104		Single Pole Switch	EA	2	0%		2	0.320	\$ 85.00	\$ 27.20	\$ 21.48	\$ 48.68	\$ 97.36	
105		3 Way Switch	EA	3	0%		3	0.320	\$ 85.00	\$ 27.20	\$ 24.56	\$ 51.76	\$ 155.28	
106		Ceramic Light Driver	EA	2	0%		2	0.680	\$ 85.00	\$ 57.80	\$ 210.46	\$ 268.26	\$ 536.52	
107		Continuous Duty 4 Pole Lighting Contactor LC1	EA	1	0%		1	0.800	\$ 85.00	\$ 68.00	\$ 263.45	\$ 331.45	\$ 331.45	
108		Occupancy Sensor Ceiling Mounted, WATTSTOPPER CI-300	EA	1	0%		1	1.250	\$ 85.00	\$ 106.25	\$ 174.45	\$ 280.70	\$ 280.70	
109		Wall Occupancy Sensor, WATTSTOPPER LVSW-101-W	EA	1	0%		1	1.150	\$ 85.00	\$ 97.75	\$ 123.35	\$ 221.10	\$ 221.10	
110	Momentary Wall Switch, WATTSTOPPER LVSW-101-W	EA	1	0%		1	0.350	\$ 85.00	\$ 29.75	\$ 32.53	\$ 62.28	\$ 62.28		
111	Power Pack, WATTSTOPPER RZ-150	EA	1	0%		1	0.380	\$ 85.00	\$ 32.30	\$ 51.97	\$ 84.27	\$ 84.27		
112	Wall Vacancy Sensor, WATTSTOPPER DSW-301	EA	1	0%		1	1.150	\$ 85.00	\$ 97.75	\$ 123.35	\$ 221.10	\$ 221.10		
MISCELLANEOUS														
113	Junction Box	EA	38	0%		38	0.300	\$ 85.00	\$ 25.50	\$ 4.85	\$ 30.35	\$ 1,153.30		
114	12"x12" PVC Junction Box	EA	1	0%		1	0.485	\$ 85.00	\$ 41.23	\$ 18.56	\$ 59.79	\$ 59.79		
TRENCHING & BACKFILLING														
115	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1784	0%		1784	0.082	\$ 85.00	\$ 6.97	\$ -	\$ 6.97	\$ 12,434.48		
SUBTOTAL												\$	\$ 223,297	
COMMUNICATION														
CONDUIT														
116	EP100 & EP101	2" PVC SCH 40 Conduit	LF	95	10%		104	0.120	\$ 85.00	\$ 10.20	\$ 2.85	\$ 13.05	\$ 1,358.13	
CONDUCTOR														
117		CAT6 Cable	LF	95	10%		104	0.009	\$ 85.00	\$ 0.77	\$ 0.26	\$ 1.03	\$ 106.67	
DEVICES														
118		Telecom Termination Box	EA	1	0%		1	1.000	\$ 85.00	\$ 85.00	\$ 134.25	\$ 219.25	\$ 219.25	
SECURITY														
CONDUIT														
119		3/4" EMT Conduit Up To Ceiling	LF	60	10%		66	0.062	\$ 85.00	\$ 5.27	\$ 1.60	\$ 6.87	\$ 453.42	
120		3/4" RGS Conduit Up To Ceiling	LF	195	10%		215	0.068	\$ 85.00	\$ 5.78	\$ 3.85	\$ 9.63	\$ 2,065.64	
121		3" RGS Conduit	LF	5	10%		6	0.189	\$ 85.00	\$ 16.07	\$ 21.20	\$ 37.27	\$ 204.96	
122	3/4" PVC SCH 40 Conduit	LF	1143	10%		1257	0.060	\$ 85.00	\$ 5.10	\$ 0.98	\$ 6.08	\$ 7,642.44		
123	3" PVC SCH 40 Conduit With Pull String	LF	25	10%		27	0.189	\$ 85.00	\$ 16.07	\$ 4.20	\$ 20.27	\$ 549.26		
CONDUCTOR														
124	CAT5 Cable	LF	197	10%		217	0.007	\$ 85.00	\$ 0.60	\$ 0.22	\$ 0.81	\$ 176.50		
125	CAT6 Cable	LF	1143	10%		1257	0.007	\$ 85.00	\$ 0.60	\$ 0.26	\$ 0.86	\$ 1,074.72		
DEVICES														
126	CCTV Camera, Wall Mounted	EA	11	0%		11	2.150	\$ 85.00	\$ 182.75	\$ 245.80	\$ 428.55	\$ 4,714.05		
127	External CCTV Camera, Wall Mounted	EA	6	0%		6	2.980	\$ 85.00	\$ 253.30	\$ 320.36	\$ 573.66	\$ 3,441.96		
LOW VOLTAGE														
CONDUIT														
128	3/4" RGS Conduit	LF	731	10%		805	0.072	\$ 85.00	\$ 6.12	\$ 4.50	\$ 10.62	\$ 8,544.57		
129	1" PVC SCH 40 Conduit	LF	717	10%		789	0.068	\$ 85.00	\$ 5.78	\$ 1.20	\$ 6.98	\$ 5,505.82		
130	1" PVC SCH 40 Conduit With Pull String	LF	188	10%		206	0.068	\$ 85.00	\$ 5.78	\$ 1.20	\$ 6.98	\$ 1,440.85		
131	2" PVC SCH 40 Conduit	LF	108	10%		119	0.120	\$ 85.00	\$ 10.20	\$ 2.85	\$ 13.05	\$ 1,546.89		
132	2-1/2" PVC SCH 40 Conduit	LF	15	10%		17	0.132	\$ 85.00	\$ 11.22	\$ 4.12	\$ 15.34	\$ 253.11		
CONDUCTOR														
133	#16 CU THHN/THWN	LF	3873	10%		4260	0.006	\$ 85.00	\$ 0.51	\$ 0.15	\$ 0.66	\$ 2,811.58		
DEVICES														
134	Provide And Install By Owner	E: E-Stop Button	EA	7	0%		7	0.420	\$ 85.00	\$ 35.70	\$ 58.32	\$ 94.02	\$ 658.14	
135		Exit Photo Eye	EA	2	0%		2	0.000	\$ 85.00	\$ -	\$ -	\$ -	\$ -	
136		Photo Eyes	EA	14	0%		14	0.925	\$ 85.00	\$ 78.63	\$ -	\$ 78.63	\$ 1,100.75	
137		Start/Stop Button	EA	4	0%		4	0.650	\$ 85.00	\$ 55.25	\$ 150.69	\$ 205.94	\$ 823.76	
MISCELLANEOUS														
138	Provided And Install By Owner	Airlift Door Control Box	EA	1	0%		1	0.000	\$ 85.00	\$ -	\$ -	\$ -	\$ -	
139		12"x12" Junction Box	EA	1	0%		1	0.300	\$ 85.00	\$ 25.50	\$ 18.56	\$ 44.06	\$ 44.06	
SUBTOTAL												\$	\$ 44,737	
ELECTRONIC SAFETY AND SECURITY														
FIRE ALARM														
CONDUIT														
140	EP100	3/4" RGS Conduit	LF	22	10%		24	0.068	\$ 85.00	\$ 5.78	\$ 3.78	\$ 9.56	\$ 232.82	
CONDUCTOR														
141		#14 CU THHN/THWN	LF	44	10%		49	0.006	\$ 85.00	\$ 0.51	\$ 0.17	\$ 0.68	\$ 33.12	
DEVICES														
142	Fire Alarm Horn Strobe	EA	1	0%		1	1.100	\$ 85.00	\$ 93.50	\$ 110.25	\$ 203.75	\$ 203.75		
SUBTOTAL												\$	\$ 478	
UTILITIES														
DISTRIBUTION														
CONDUIT														
143	ED100 & MEP3	1" EMT Conduit	LF	18	10%		19	0.068	\$ 85.00	\$ 5.78	\$ 2.10	\$ 7.88	\$ 152.04	
144		1-1/2" EMT Conduit	LF	130	10%		143	0.088	\$ 85.00	\$ 7.48	\$ 3.88	\$ 11.36	\$ 1,624.48	
145		1" PVC Conduit	LF	615	10%		677	0.068	\$ 85.00	\$ 5.78	\$ 1.20	\$ 6.98	\$ 4,722.20	
146		1-1/2" PVC Conduit	LF	54	10%		59	0.088	\$ 85.00	\$ 7.48	\$ 1.98	\$ 9.46	\$ 561.09	
147		4" PVC Conduit	LF	2401	10%		2641	0.152	\$ 85.00	\$ 12.92	\$ 4.25	\$ 17.17	\$ 45,351.46	
CONDUCTOR														
148		#12 CU THHN/THWN	LF	2205	10%		2426	0.007	\$ 85.00	\$ 0.60	\$ 0.25	\$ 0.85	\$ 2,049.60	
149		#30 CU THHN/THWN	LF	552	10%		607	0.017	\$ 85.00	\$ 1.45	\$ 3.25	\$ 4.70	\$ 2,850.49	
150	#50 CU THHN/THWN	LF	1067	10%		1174	0.022	\$ 85.00	\$ 1.87	\$ 7.25	\$ 9.12	\$ 10,706.15		
151	#60 AL THHN/THWN	LF	1067	10%		1174	0.025	\$ 85.00	\$ 2.13	\$ 3.97	\$ 6.10	\$ 7,157.29		
LUGS														
152	Compression Lug CU With 1-Hole, #30 CU Wire	EA	6	0%		6	0.450	\$ 85.00	\$ 38.25	\$ 11.00	\$ 49.25	\$ 295.50		
153	Heat Shrink Tubing for #30 CU Wire	EA	6	0%		6	0.250	\$ 85.00	\$ 21.25	\$ 0.32	\$ 21.57	\$ 129.42		
154	Compression Lug CU With 1-Hole, #30 KCMIL CU Wire	EA	8	0%		8	0.460	\$ 85.00	\$ 39.10	\$ 12.19	\$ 51.29	\$ 410.32		
155	Heat Shrink Tubing for #30 KCMIL CU Wire	EA	8	0%		8	0.250	\$ 85.00	\$ 21.25	\$ 0.34	\$ 21.59	\$ 172.72		
156	Compression Lug AL With 1-Hole, #60 KCMIL AL Wire	EA	8	0%		8	0.460	\$ 85.00	\$ 39.10	\$ 12.19	\$ 51.29	\$ 410.32		
157	Heat Shrink Tubing for #60 KCMIL AL Wire	EA	8	0%		8	0.250	\$ 85.00	\$ 21.25	\$ 0.34	\$ 21.59	\$ 172.72		
SITE LIGHTING														
CONDUIT														
158	1" EMT Conduit	LF	144	10%		159	0.068	\$ 85.00	\$ 5.78	\$ 2.10	\$ 7.88	\$ 1,252.09		
159	1" PVC SCH 40 Conduit	LF	918	10%		1010	0.068	\$ 85.00	\$ 5.78	\$ 1.20	\$ 6.98	\$ 7,051.24		
CONDUCTOR														
160	#10 CU THHN/THWN	LF	2065	10%		2272	0.008	\$ 85.00	\$ 0.68	\$ 0.38	\$ 1.06	\$ 2,407.79		
161	#8 CU THHN/THWN	LF	1073	10%		1180	0.009	\$ 85.00	\$ 0.77	\$ 0.75	\$ 1.52	\$ 1,788.15		
LIGHTING FIXTURES														
162	Canopy LED Light	EA	1	0%		1	1.150	\$ 85.00	\$ 97.75	\$ 220.35	\$ 318.10	\$ 318.10		
163	F1: Pole Light, MCGRAW EDISON GALN-SAC-740-11-1 4P1-HSS Mounting; Pole Watts: 321W Remarks: 1: With Black SSS Pole And House Side Shields	EA	3	0%		3	6.850	\$ 85.00	\$ 582.25	\$ 2,730.00	\$ 3,312.25	\$ 9,936.75		
164	F2: Pole Light, MCGRAW EDISON GALN-SAC-740-U-T4FT-HSS Mounting; Pole Watts: 269W Remarks: 1: With Black SSS Pole	EA	1	0%		1	6.850	\$ 85.00	\$ 582.25	\$ 2,730.00	\$ 3,312.25	\$ 3,312.25		
165	F3: Pole Light, MCGRAW EDISON GALN-SAC-740-U-5MRQ Mounting; Pole Watts: 269W Remarks: 1: With Black SSS Pole	EA	2	0%		2	6.850	\$ 85.00	\$ 582.25	\$ 2,434.00	\$ 3,016.25	\$ 6,032.50		
166	F6: Pole Light, MCGRAW EDISON GALN-SAC-740-U-SLL-HSS Mounting; P	EA	1	0%		1	6.850	\$ 85.00	\$ 582.25	\$ 2,398.00	\$ 2,980.25	\$ 2,980.25		
167	KC Vacuum Arch Light, G&G INDUSTRIAL GPX8-SO Mounting; Pole Watts: 36W Remarks: 1: Provide With Full Cut-Off Shroud Side Shields	EA	15	0%		15	1.980	\$ 85.00	\$ 168.30	\$ 421.25	\$ 589.55	\$ 8,843.25		
168	15 Vertical Bars Tied To Anchor Bolts W/ Wire Ties With #3 Ties @12" O.C.	EA	28	0%		28	0.060	\$ 85.00	\$ 57.80	\$ 60.22	\$ 118.02	\$ 3,304.56		
169	24"Diax5.75'L Concrete For Pole Lighting	CY	1	0%		1	2.500	\$ 85.00	\$ 212.50	\$ 302.25	\$ 514.75	\$ 449.17		

DETAILED BREAKDOWN OF ITEMS												
Prepared for: Club Car Wash, 18301 Grove Parkway Oklahoma City, OK 73012												
Project ID: 15032026												
Scope: Electrical												
											Date: 28-Sep-26	
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	SUB COST
			TELECOMMUNICATION									
			CONDUIT									
168			1" EMT Conduit	LF	643	10%	707	0.070	\$ 85.00	\$ 5.95	\$ 1.60	\$ 7.55 \$ 5,338.45
169			3" EMT Conduit	LF	129	10%	141	0.160	\$ 85.00	\$ 13.60	\$ 7.25	\$ 20.85 \$ 2,948.52
170			1" PVC SCH 40 Conduit	LF	866	10%	953	0.068	\$ 85.00	\$ 5.78	\$ 1.20	\$ 6.98 \$ 6,652.76
171			3" PVC SCH 40 Conduit	LF	132	10%	145	0.145	\$ 85.00	\$ 12.33	\$ 3.25	\$ 15.58 \$ 2,261.49
172			3" SCH 40 PVC Conduit With Pull String	LF	139	10%	153	0.145	\$ 85.00	\$ 12.33	\$ 3.25	\$ 15.58 \$ 2,386.39
			CONDUCTOR									
173			CAT5 Cable	LF	205	10%	226	0.008	\$ 85.00	\$ 0.68	\$ 0.22	\$ 0.90 \$ 202.72
			SECURITY									
			CONDUIT									
174			3" EMT Conduit With Pull String	LF	129	10%	142	0.145	\$ 85.00	\$ 12.33	\$ 7.25	\$ 19.58 \$ 2,781.35
175			3" PVC SCH 40 Conduit With Pull String	LF	47	10%	51	0.145	\$ 85.00	\$ 12.33	\$ 3.25	\$ 15.58 \$ 799.40
			CONDUCTOR									
176			CAT5 Cable	LF	1407	10%	1547	0.007	\$ 85.00	\$ 0.60	\$ 0.22	\$ 0.81 \$ 1,259.51
			DEVICES									
177			Security Camera	EA	1	0%	1	2.520	\$ 85.00	\$ 214.20	\$ 320.36	\$ 534.56 \$ 534.56
			MISCELLANEOUS									
			TRENCHING & BACKFILLING									
178			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	3300	0%	3300	0.082	\$ 85.00	\$ 6.97	\$ -	\$ 6.97 \$ 23,001.00
											SUBTOTAL	\$ 172,608
											PROJECTED COST	\$484,133
OVERHEAD AND PROFIT											20%	\$96,827
INSURANCE											3%	\$14,524
CONTINGENCY											5%	\$24,207
TAX											8%	\$16,843
											SUGGESTED BID	\$636,534
Notes:												
1. Online sources are used for pricing.												
2. Prices can vary depending upon field conditions.												



ELECTRICAL
ESTIMATING