

GENERAL SUMMARY

Project Name:

**ST JOHNS SJN VOR, ARIZONA
REFURBISHMENT OF FACILITY
ELECTRICAL DISTRIBUTION
SYSTEM, AND LIGHTING**

Project ID:

1059-01

Scope:

ELECTRICAL



BUILDING GSF

972

DIVISION NO.		DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000		GENERAL REQUIREMENTS	\$ 2,200	\$ 2
26000		ELECTRICAL	\$ 23,068	\$ 24
TOTAL TRADE COST			\$ 25,268	\$ 26
OVERHEAD AND PROFIT				
		25%	\$ 6,317	\$ 6.50
		INSURANCE	\$ 1,263	\$ 1.30
		5%	\$ 1,263	\$ 1.30
		CONTINGENCY	\$ 1,541	\$ 1.59
		TAX		
		6%		
SUGGESTED BID			\$ 35,654	\$ 36.68

DETAILED BREAKDOWN OF ITEMS

Project Name: ST JOHNS SJN VOR, ARIZONA
 Project ID: 1059-01
 Scope: ELECTRICAL



Date: 8-Apr-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	\$ 40.00	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ 40.00	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ 40.00	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ 40.00	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	25.000	\$ 40.00	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000
6			Temporary Control & Facilities	LS	1	0%	1	30.000	\$ 40.00	\$ 1,200.00	\$ -	\$ 1,200.00	\$ 1,200
7			Scaffolding	LS	1	0%	1	0.000	\$ 40.00	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ 2,200
ELECTRICAL													
PANEL													
A-PANEL													
8			A-PANEL Panel - Volts: 208/120V - Poles: 32 - Phase: 3P - Wire: 4W - Bus Amps: 225A - Type: NEMA 1 - Brand/Model: Square D	EA	1	0%	1	6.200	\$ 85.26	\$ 528.61	\$ 880.00	\$ 1,408.61	\$ 1,409
9			20A/3P, Breaker	EA	5	0%	5	0.650	\$ 85.26	\$ 55.42	\$ 35.72	\$ 91.14	\$ 456
10			40A/2P, Breaker	EA	2	0%	2	1.160	\$ 85.26	\$ 98.90	\$ 64.00	\$ 162.90	\$ 326
11			100A/3P, Breaker	EA	1	0%	1	2.150	\$ 85.26	\$ 183.31	\$ 178.50	\$ 361.81	\$ 362
12			20A/1P, Breaker	EA	11	0%	11	0.470	\$ 85.26	\$ 40.07	\$ 25.67	\$ 65.74	\$ 723
13			50A/3P, Breaker	EA	2	0%	2	1.610	\$ 85.26	\$ 137.27	\$ 89.28	\$ 226.54	\$ 453
14			70A/2P, Breaker	EA	1	0%	1	1.680	\$ 85.26	\$ 143.24	\$ 112.00	\$ 255.24	\$ 255
15			SPD Rayvoss TVSS To Panel A (120-3Y-M3-4-06-A)	EA	1	0%	1	8.250	\$ 85.26	\$ 703.40	\$ 1,810.00	\$ 2,513.40	\$ 2,513
HVAC PANEL													
16			HVAC Panel - Volts: 240/120V - Phase: 1P - Wire: 3W - Bus Amps: 100 A - Type: NEMA 1 - Brand/Model: Square D, NQOD 45A (2 EA) 30A (2 EA) 20A (1 EA) 40A (2 EA)	EA	1	0%	1	5.400	\$ 85.26	\$ 460.40	\$ 724.67	\$ 1,185.07	\$ 1,185
17			60A Rated F2 Pole Disconnect Switch	EA	2	0%	2	1.580	\$ 85.26	\$ 134.71	\$ 196.56	\$ 331.27	\$ 663
18			45A Fuses	EA	4	0%	4	0.600	\$ 85.26	\$ 51.16	\$ 43.05	\$ 94.21	\$ 377
LIGHTING FIXTURE													
19			Tag E, LED 2x4 Troffer - Lamps: 5000 Lumens 5000K - Watts: 35.8 - Volts: 120V - Mfr & Catalog No.: Lithonia 2GTL4 48L EZ1 LP850 Or Equivalent	EA	9	0%	9	2.520	\$ 85.26	\$ 214.86	\$ 314.58	\$ 529.44	\$ 4,765
20			Tag S, Suspended LED Type - Lamps: 5000 Lumens 5000K - Watts: 39.8 - Volts: 120V - Mfr & Catalog No.: Lithonia BLWP4 40L AD5M LP850 BLWPCG Or Equivalent	EA	4	0%	4	1.870	\$ 85.26	\$ 159.44	\$ 207.40	\$ 366.84	\$ 1,467

DETAILED BREAKDOWN OF ITEMS

Project Name: ST JOHNS SJN VOR, ARIZONAREFURBISHMENT OF FACILITYELECTRICAL DISTRIBUTION SYSTEM, AND LIGHTING
Project ID: 1059-01
Scope: ELECTRICAL



Date: 8-Apr-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
21	G001-E005	Plan Notes	Tag EG, Ceiling Mounted LED - Lamps: 5000 Lumens 5000K - Watts: 31.8 - Volts: 120V - Mfr & Catalog No.: Lithonia CLX L48 5000LM SEF FDL 120V 50K 80CRI Or Equivalent	EA	2	0%	2	1.800	\$ 85.26	\$ 153.47	\$ 171.33	\$ 324.80	\$ 650
22			Exit With Emergency LED Light - Lamps: Not Specified - Watts: 4.3 - Volts: 120V - Mfr & Catalog No.: Lithonia LHQM LED R HO Or Equivalent	EA	3	0%	3	1.640	\$ 85.26	\$ 139.83	\$ 155.52	\$ 295.35	\$ 886
23			Tag M, Wall Luminaire - Lamps: 3000 Lumens 5000K - Watts: 40 - Volts: 120V - Mfr & Catalog No.: Lithonia DSXW1 LED 10C 50K T2M PE Or Equivalent	EA	1	0%	1	3.290	\$ 85.26	\$ 280.51	\$ 821.74	\$ 1,102.25	\$ 1,102
24			Tag EE, LED 2x4 Troffer - Lamps: 3000 Lumens 5000K - Watts: 40 - Volts: 120V - Mfr & Catalog No.: Lithonia 2GTL4 48L EZ1 LP850-ILBCP10A Or Equivalent	EA	3	0%	3	2.520	\$ 85.26	\$ 214.86	\$ 314.58	\$ 529.44	\$ 1,588
25			Tag SE, Suspended LED Type - Lamps: 5000 Lumens 5000K - Watts: 34.5 - Volts: 120V - Mfr & Catalog No.: Lithonia BLWP4 40L AD5M LP850 BLWPCG-E10WLCP Or Equivalent	EA	2	0%	2	1.870	\$ 85.26	\$ 159.44	\$ 207.40	\$ 366.84	\$ 734
26			Tag EGE, Ceiling Mounted LED - Lamps: 5000 Lumens 5000K - Watts: 31.8 - Volts: 120V - Mfr & Catalog No.: Lithonia CLX L48 5000LM SEF FDL 120V 50K 80CRI-E10WLCP Or Equivalent	EA	2	0%	2	1.800	\$ 85.26	\$ 153.47	\$ 171.33	\$ 324.80	\$ 650
27			Tag L, Door Light - Lamps: 5000 Lumens 5000K - Watts: 18.5 - Volts: 120V - Mfr & Catalog No.: Lithonia OLWP LED SWW2 120 PE DDB	EA	1	0%	1	1.090	\$ 85.26	\$ 92.93	\$ 103.03	\$ 195.96	\$ 196
			LIGHTING CONTROL										
28			Three Way Light Switch	EA	2	0%	2	0.980	\$ 85.26	\$ 83.55	\$ 32.50	\$ 116.05	\$ 232
			POWER FIXTURE										
29			Duplex Receptacle 20A/125V	EA	8	0%	8	0.610	\$ 85.26	\$ 52.01	\$ 20.33	\$ 72.34	\$ 579
30			WP/WR / GFCI Duplex Receptacle 20A	EA	4	0%	4	0.880	\$ 85.26	\$ 75.03	\$ 29.20	\$ 104.23	\$ 417
31			3 Prong 15A Receptacle	EA	1	0%	1	0.460	\$ 85.26	\$ 39.22	\$ 15.28	\$ 54.50	\$ 54
			CONDUITS AND CONDUCTORS										
32			Conduit - Size: 2" - Type: EMT	LF	31	10%	34	0.052	\$ 85.26	\$ 4.43	\$ 3.92	\$ 8.35	\$ 285
33			Conduit - Size: 1" - Type: EMT	LF	30	10%	33	0.035	\$ 85.26	\$ 2.98	\$ 1.64	\$ 4.62	\$ 153
34			Conduit - Size: 1" - Type: RGS	LF	10	10%	11	0.035	\$ 85.26	\$ 2.98	\$ 5.13	\$ 8.11	\$ 89

DETAILED BREAKDOWN OF ITEMS

Project Name: ST JOHNS SJN VOR, ARIZONA REFURBISHMENT OF FACILITY ELECTRICAL DISTRIBUTION SYSTEM, AND LIGHTING
 Project ID: 1059-01
 Scope: ELECTRICAL



ACE SERVICES

Date: 8-Apr-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
35			Conductor: - Size: 3/0 AWG - Type: THHN - Phase: A - Color: Black Conductor: - Size: 3/0 AWG - Type: THHN - Phase: B - Color: Red Conductor: - Size: 3/0 AWG - Type: THHN - Phase: C - Color: Blue Conductor: - Size: 3/0 AWG - Type: Neutral - Phase: B - Color: White Conductor: - Size: 4 AWG - Type: THHN - Phase: Ground - Color: Green	LF	40	10%	44	0.020	\$ 85.26	\$ 1.71	\$ 6.33	\$ 8.04	\$ 354
36			Conductor: - Size: 4 AWG - Type: THHN - Phase: A - Color: Black Conductor: - Size: 4 AWG - Type: THHN - Phase: B - Color: Red Conductor: - Size: 4 AWG - Type: THHN - Phase: Neutral - Color: White Conductor: - Size: 4 AWG - Type: THHN - Phase: Ground - Color: Green	LF	35	10%	39	0.015	\$ 85.26	\$ 1.28	\$ 1.17	\$ 2.45	\$ 94

DETAILED BREAKDOWN OF ITEMS

Project Name: ST JOHNS SJN VOR, ARIZONA REFURBISHMENT OF FACILITY ELECTRICAL DISTRIBUTION SYSTEM, AND LIGHTING
 Project ID: 1059-01
 Scope: ELECTRICAL



Date: 8-Apr-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
37			Conductor: - Size: 8 AWG - Type: THWN - Phase: A - Color: Black Conductor - Size: 8 AWG - Type: THWN - Phase: B - Color: Red Conductor - Size: 8 AWG - Type: THWN - Phase: Neutral - Color: White Conductor - Size: 10 AWG - Type: THWN - Phase: Ground - Color: Green	LF	14	10%	15	0.015	\$ 85.26	\$ 1.28	\$ 0.92	\$ 2.20	\$ 34
38			Conductor: - Size: 1/0 AWG - Type: THWN - Phase: A - Color: Black Conductor - Size: 1/0 AWG - Type: THHN - Phase: B - Color: Red Conductor - Size: 1/0 AWG - Type: THHN - Phase: C - Color: Blue Conductor - Size: 1/0 AWG - Type: THHN - Phase: Neutral - Color: White Conductor - Size: 1/0 AWG - Type: THWN - Phase: Ground - Color: Green	LF	3	10%	3	0.020	\$ 85.26	\$ 1.71	\$ 3.97	\$ 5.68	\$ 19

SUBTOTAL \$ 23,068

PROJECTED COST

OVERHEAD AND PROFIT										25%	\$25,268
INSURANCE										5%	\$6,317
CONTINGENCY										5%	\$1,263
TAX										6.1%	\$1,541
SUGGESTED BID											\$35,654