

GENERAL SUMMARY

Prepared for: Washington 98837

Project ID:

Scope: Electrical

No. Of Floors: 1

Date: 8-Dec-23



BUILDING GSF	482
1st Floor (SF)	482

DIVISION NO	DESCRIPTION		TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 4,400	\$ 9
26000	Electrical	\$ 18,413	\$ 38
TOTAL TRADE COST		\$ 22,813	\$ 47
OVERHEAD AND PROFIT			
	20%	\$ 4,563	\$ 9.47
INSURANCE	3%	\$ 684	\$ 1
CONTINGENCY	5%	\$ 1,141	\$ 2
TAX	0.0%	\$ -	\$ -
SUGGESTED BID		\$ 29,201	\$ 61

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	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	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 400.00	\$ 400.00
												SUBTOTAL	\$ 4,400
ELECTRICAL													
DISTRIBUTION													
CONDUIT													
8			1" RGS Conduit	LF	10	10%	11	0.123	\$ 95.00	\$ 11.69	\$ 7.06	\$ 18.75	\$ 204.75
9			Length Assumed 1" RGS Conduit	LF	20	10%	22	0.123	\$ 95.00	\$ 11.69	\$ 7.06	\$ 18.75	\$ 412.39
CONDUCTOR													
10			#10 CU THHN	LF	10	10%	11	0.008	\$ 95.00	\$ 0.76	\$ 0.32	\$ 1.08	\$ 11.74
11			Length & Size Assumed #10 CU THHN	LF	20	10%	22	0.008	\$ 95.00	\$ 0.76	\$ 0.32	\$ 1.08	\$ 23.65
12			#6 CU THHN	LF	60	10%	66	0.012	\$ 95.00	\$ 1.14	\$ 0.99	\$ 2.13	\$ 140.58
13			Length & Size Assumed #6 CU THHN	LF	30	10%	33	0.012	\$ 95.00	\$ 1.14	\$ 0.99	\$ 2.13	\$ 69.80
CIRCUIT BREAKER													
14			3P/125A MCB	EA	1	0%	1	2.000	\$ 95.00	\$ 190.00	\$ 895.56	\$ 1,085.56	\$ 1,085.56
PANEL													
15			Load Center Distribution Panel: 125A, 120/208V, 3Ph, 4W, Mains: MCB	EA	1	0%	1	2.120	\$ 95.00	\$ 201.40	\$ 1,850.26	\$ 2,051.66	\$ 2,051.66
DEVICES													
16			60A Variable Frequency Drive	EA	1	0%	1	2.890	\$ 95.00	\$ 274.55	\$ 3,455.00	\$ 3,729.55	\$ 3,729.55
DISCONNECT SWITCH													
17			3P/60A Service Disconnect Switch	EA	1	0%	1	3.478	\$ 95.00	\$ 330.41	\$ 217.64	\$ 548.05	\$ 548.05
POWER													
CONDUIT													
18			3/4" RGS Conduit	LF	14	10%	15	0.100	\$ 95.00	\$ 9.50	\$ 4.65	\$ 14.15	\$ 211.06
19			3/4" PVC SCH 40 Conduit With Pull String (Vacuum Equipment Separator Motor)	LF	572	10%	630	0.055	\$ 95.00	\$ 5.23	\$ 2.23	\$ 7.46	\$ 4,694.54
20			3/4" PVC SCH 40 Conduit With Pull String (Vacuum Equipment Separator Sensor)	LF	572	10%	629	0.055	\$ 95.00	\$ 5.23	\$ 2.23	\$ 7.46	\$ 4,690.69
CONDUCTOR													
21			2#16 Twisted Pair Shielded Cable	LF	14	10%	15	0.020	\$ 95.00	\$ 1.86	\$ 1.95	\$ 3.81	\$ 56.87
DEVICE													
22			Equipment Connection	EA	1	0%	1	0.750	\$ 95.00	\$ 71.25	\$ -	\$ 71.25	\$ 71.25
23			Optional Remote Switch	EA	1	0%	1	0.256	\$ 95.00	\$ 24.32	\$ 22.56	\$ 46.88	\$ 46.88
			Start/Stop	EA	1	0%	1	0.256	\$ 95.00	\$ 24.32	\$ 34.69	\$ 59.01	\$ 59.01
			Photo Eye	EA	1	0%	1	0.256	\$ 95.00	\$ 24.32	\$ 22.56	\$ 46.88	\$ 46.88
			Detector Loop	EA	1	0%	1	0.450	\$ 95.00	\$ 42.75	\$ 215.56	\$ 258.31	\$ 258.31
MISCELLANEOUS													
TRENCHING & BACKFILLING													
24			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	232	0%	232					\$ -	\$ -
												SUBTOTAL	\$ 18,413
											PROJECTED COST	\$22,813	
OVERHEAD AND PROFIT											20%	\$4,563	
INSURANCE											3%	\$684	
CONTINGENCY											5%	\$1,141	
TAX											0.0%	\$0	
SUGGESTED BID													\$29,201