



# Bill of Materials

## PRELIMINARY AND ESTIMATE ONLY

**Project:** P18330B  
**Estimate:** SHH01  
**Estimate #:** EST-20250902-D00D8EB2  
**Generated:** September 09, 2025 at 08:38 PM

### Project Cost Summary

Cost Category	Amount
Total Purchased Components	\$425.00
Engineering Hours Total (24.0 hrs)	\$3,480.00
Panel Shop Hours Cost (32.0 hrs)	\$4,000.00
Combined Total (Components + Panel Shop)	\$4,425.00

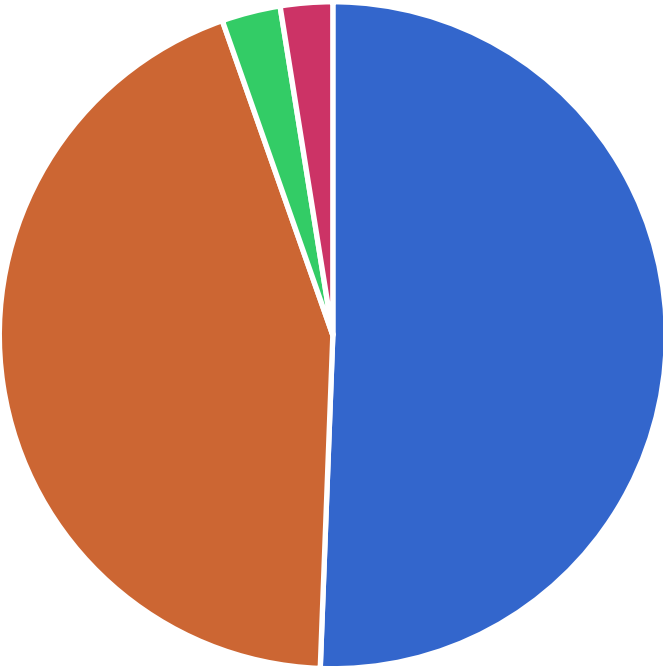
#	Part Number	Description	Manufacturer	Qty	UOM	Unit Price	Total Price
1	TEST-002	Communication Component	Phoenix Contact	3	EA	\$75.00	\$225.00
2	TEST-001	Control Component	Allen-Bradley	2	EA	\$100.00	\$200.00
						TOTAL:	\$425.00

### Labor Costs

Labor Type	Hours	Rate	Total Cost
Engineering	24.0	\$145.00/hr	\$3,480.00
Panel Shop	32.0	\$125.00/hr	\$4,000.00
Machine Assembly	16.0	\$125.00/hr	\$2,000.00
		TOTAL LABOR:	\$9,480.00

Cost Breakdown by Category

	Category	Description	Total Cost	Percent age
<div></div>	Panel Shop Labor	Panel fabrication and wiring labor costs	\$4,000.00	50.6%
<div></div>	Engineering Labor	Engineering design and programming labor costs	\$3,480.00	44.0%
<div></div>	CAB	Cabinet	\$225.00	2.8%
<div></div>	VFD	Migrated from parts.category field	\$200.00	2.5%



Summary: 2 unique parts, 2 categories, Total value: \$425.00