



# Bill of Materials

## PRELIMINARY AND ESTIMATE ONLY

**Project:** P18330B  
**Estimate:** SHH01  
**Estimate #:** EST-20250902-D00D8EB2  
**Generated:** September 09, 2025 at 08:39 PM

### Project Cost Summary

Cost Category	Amount
Total Purchased Components	\$2,350.00
Engineering Hours Total (24.0 hrs)	\$3,480.00
Panel Shop Hours Cost (32.0 hrs)	\$4,000.00
Combined Total (Components + Panel Shop)	\$6,350.00

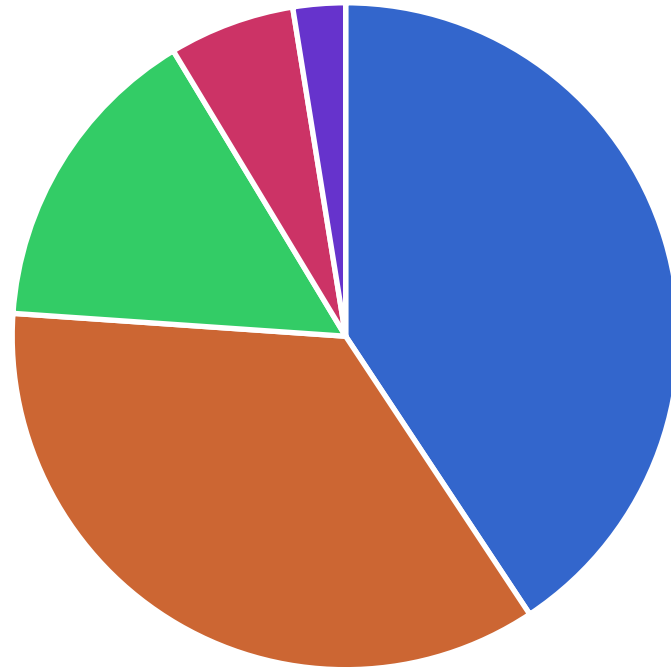
#	Part Number	Description	Manufacturer	Qty	UOM	Unit Price	Total Price
1	TEST-001	VFD Component	Allen-Bradley	1	EA	\$1,500.00	\$1,500.00
2	TEST-003	I/O Module	Allen-Bradley	3	EA	\$200.00	\$600.00
3	TEST-002	Cable Assembly	Phoenix Contact	10	FT	\$25.00	\$250.00
						TOTAL:	\$2,350.00

### 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
■	Panel Shop Labor	Panel fabrication and wiring labor costs	\$4,000.00	40.7%
■	Engineering Labor	Engineering design and programming labor costs	\$3,480.00	35.4%
■	VFD	Migrated from parts.category field	\$1,500.00	15.3%
■	IO	No description available	\$600.00	6.1%
■	CAB	Cabinet	\$250.00	2.5%



**Summary:** 3 unique parts, 3 categories, Total value: \$2,350.00