

Project Cost

The preliminary estimated cost of all services is broken down in terms of expenses for personnel, travel, testing, and materials. The personnel cost breakdown is available in the design report.

Total Cost of Services			
Service	Rate	Unit	Total Cost
Personnel			
PM	\$117 per hour	210 hours	\$ 24,507
DSNENG	\$78 per hour	327 hours	\$ 25,506
DRF	\$54 per hour	247 hours	\$ 13,276
FAB	\$45 per hour	260 hours	\$ 11,700
INT	\$17 per hour	197 hours	\$ 3,359
Travel			
Lodging	4 nights, 2 rooms	\$140/night	\$ 1,120
Car Rental	5 days	\$150/day	\$ 750
Testing	\$100 per hour	20 hours	\$ 2,000
Printing	Lump Sum	\$100	\$ 100
Materials	Lump Sum	\$4,000	\$ 4,000
Total			\$ 86,318

Table 1.1-Estimated Cost of Services

As the project progressed, the budget changed. Table 1.2 shows a comparison between the estimated and actual cost of the project. The rows highlighted in yellow show the areas of the greatest change between the preliminary and actual cost.

Total Cost of Services					
Service	Rate	Est. Unit	Actual Unit	Est. Total Cost	Actual Total Cost
Personnel					
PM	\$117 per hour	135 hours	166 hours	\$ 15,755	\$ 19,422
DSNENG	\$78 per hour	270 hours	270 hours	\$ 21,060	\$ 21,060
DRF	\$54 per hour	175 hours	175 hours	\$ 9,406	\$ 9,406
FAB	\$45 per hour	220 hours	933 hours	\$ 9,900	\$ 41,985
INT	\$17 per hour	220 hours	220 hours	\$ 3,751	\$ 3,740
Transportaiton					
Lodging	4 nights, 2 rooms	\$140/night	\$210/night	\$ 1,120	\$ 1,680
Car Rental	5 days	\$150/day	\$150/day	\$ 750	\$ 750
Testing	\$100 per hour	20 hours	20 hours	\$ 2,000	\$ 2,000
Materials	Lump Sum	\$4,000	\$7,000	\$ 4,000	\$ 7,000
Total				\$ 67,742	\$ 107,043

Table 1.2-Estimated vs Actual Cost of Services