

Table 1: Staffing Hour Breakdown

Task Name	Proposed	Actual	% Difference
Task 1.0 Background Research	43	43	0.00%
Task 2.0 Designing	188	230	22.3%
Task 3.0 Fabrication	121	182	50.4%
Task 4.0 Testing Prior to Competition	85	55	-35.3%
Task 5.0 Practice	64	12	-81.3%
Task 6.0 Competition	41	50	22.0%
Task 8.0 Deliverables	128	128	0.00%
SUM	670	700	4.48%

This table reflects the number of hours that were estimated in the proposal part of the project versus the actual hours the team spent completing the project. This includes the hours utilized by the Senior Engineer, the Project Engineer, the Engineer in Training, the Drafter, and the Inter. The hours have been broken up by the 8 different Tasks of the project.

Table 2: Cost of Engineering Services

Cost of Engineering Services						
Classification	Details	Rate	Quantity		Cost, \$	
1.0 Personnel	Title	\$ per hr.	Proposed	Actual	Proposed	Actual
	Senior Engineer	\$180.00	124	120	22,320	21,600
	Project Engineer	\$140.00	130	121	18,200	16,940
	Engineer in Training	\$70.00	165	170	11,550	11,900
	Drafter	\$75.00	85	85	6,375	6,375
	Intern	\$35.00	166	162	5,810	5,670
	Total Personnel					64,255
2.0 Supplies	Members	\$3/lb	250	400 lb	750	1,200
	Bolts	\$0.01/unit	200	200	2	2
	Plates	\$3/lb	10	50 lb	30	150
	Supplies Cost					782
3.0 Subcontract	Labor	\$65.00	60	60	3,900	3,900
4.0 Travel Expenses	Lodging	\$170/person/night	4 nights	4 nights	2,720	2,720
	Rental	\$68/day	5 days	5 days	340	340
	Mileage	\$0.45/per mile	691x2 miles	691x2 miles	622	622
	Travel Cost					3,682
Total Project Cost					72,619	71,419

Similar to Table 1, this table breaks down the cost to complete the project and it compares the proposed cost versus the actual costs. This table shows the four different categories of costs for the entirety of the project.