**By how much is it over/under budget?**  
currently it isn’t over or under the budget as the budget is set to 2200 k$ after 7 months and the AC is 2200 k$.

**By how many days is it ahead/behind the schedule?**

It is two months behind the schedule as the task with the ID 3 is only 50% done after two months where it should be 100%.

**By the end of the project, by how much will it be over/under budget?**

It will be over budget by 500k$

Cost Variance (CV) = EV – AC = 3700 – 4200 = -500k$  
  
  
**Calculate:**

Task 1 completion = 100%  
Task 2 completion = 100%  
Task 3 completion = 50%

Percentage of completion = (100 + 100 + 50) / 3 = 83.33%

PV = 2200 k$  
EV = PV \* % OF COMPLETION = 2200 \* 83.33% = 1833.26 k$  
AC = 2200 k$

Cost Variance (CV) = EV – AC = 1833.26 – 2200 = -366.74 k$  
Schedule Variance (SV) = EV - PV = 1833.26 – 2200 = -366.74 k$  
Cost Performance Index (CPI) = EV / AC = 1833.26 / 2200 = 0.8333  
Schedule Performance Index (SPI) = EV / PV = 1833.26 / 2200 = 0.8333