* By how much, is it over/under budget?

It is not clear because the project is not finish yet and the budget is set to be 2200k$ and the AC for the project until now is 2200k$.

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

It is behind the schedule since phase 3 is just done for 50% and it should be 100% within two months.

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

**Cost Variance**= EV – AC = 3700 – 4200 = -500k $

So, we can tell from the equation that it will be over the budget with 500K $.

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

**PV** = 2200K $

**EV** = PV \* % of completion = 2200 \* 83.33 = 1833.26K $

**AC** = 2200K $

**BAC** = 3700K $

**Cost Variance** = EV – AC = 1833.26 – 2200 = - 366.74K $

**Schedule Variance** = EV – PV = 1833.26 – 2200 = - 366.74K $

**Cost Performance Index** = EV / AC = 1833.26 / 2200 = 0.8333

**Schedule Performance Index** = EV / PV = 1833.26 / 2200 = 0.8333

**Estimate at Completion** = BAC / CPI = 4440K $