Abstract,

Development in the field of education today is still underway to meet the needs of public facilities are adequate. The owner expected that construction project of lecture hall and laboratory trunojoyo university of Madura can be completed before 2011. With the limited availability of time schedule execution, contractor tried to fulfill by some subcontractor, addition of labor and working hours so the project can be done according to the schedule plan. It seems the realization of the project increased compared to initial plans, although at the start of project was delayed. The purpose of the research is to analyze the cost and time of the project and estimate the final cost of the project and the project completion time.

The method used to analyze the performance of the earned value with three indicator that is PV (plan value), EV (earned value), and AC (actual cost). The purpose of this research is to analyze time and cost performance of the project. The observation conducted during 7 weeks start at 09 October 2010 until 20 November 2010.

Based on the analysis results, will be obtained the project's performance in each weeks. Where at the end of the review, the project has been delayed from schedule. This is due to happen because stock of pile cap according the specification is not ready stock and awaiting
production until week 7. Beside of that process of negotiation for subcontractor and weather factor was not supported and also revision design of power house influencing the delay. At week 14 month November 2010, unknown predicted final cost of the project during the review of Rp. 22,319,191,100,00 and the total project completion time when the review was 137 days. While for re-schedule with ms-project software if this project all be doing by maincontractor or is not be doing by subcontractor, the result of duration is 176 days.

Keyword: earned value, performance, cost, schedule, trunojoyo university