

ABSTRACT

In the implementation of construction projects, planning and time control are very important function in realizing the success of the construction project. Using the Earned Value Concept method, a project completion time research will be conducted. The research was conducted on the Development Project of the Postgraduate Lecture and Laboratory Building Universitas Negeri Yogyakarta Stage III. The data used in this research were the Time Schedule, Cost Budget Plan and Weekly Progress report, from the data, the results of the BCWP and BCWS were obtained. Then by using the Microsoft Excel Program, obtained results of SV, SPI, and predictable results for completion of the project end time (ETC and EAC) From the calculation results by analyzing at week 16, the SV value is positive and the SPI value is 1.017, which means the project is faster than planned. Estimated project completion time (EAS) is 21 weeks, shows that the project is completed faster than planned.

Keywords: *Time, Performance, Earned Value Concept*