

ABSTRACT

PT. XYZ is a company engaged in the field of telecommunications that provide Fiber to the Home (FTTH) services. One of the FTTH project work done by PT XYZ is located in Citra Padalarang. However, in the implementation of development projects, there is a lack of managerial implementation of the project due to the absence of project monitoring flow in the monitoring & controlling phase resulting in delays in project completion.

Based on the obtained data on the FTTH Citra Padalarang Project, project monitoring and controlling will be performed by analyzing actual project performance. The method of analysis used in this research is using approach through Earn Value Methode (EVM) to see project performance and also using Crashing Program to compress project schedule.

The results of the actual project implementation progress that has been calculated using the Earned Value Method found that the project experienced a delay of 7,8% of the planning. To avoid delays in project completion time, acceleration of critical path is needed using crashing method. It is found that the distribution cable activity can be accelerated from 4 days to 2 days with cost slope of Rp465.224 and increase the number of workers as much as 4 people. Whilst installation of ODP and Splitter activities can be accelerated from 3 days to 2 days with cost slope of Rp332.533 and the amount of additional resource required is 1 person who is a technician / jointer.