

ABSTRACT

PT XYZ is one of the leading information and communication companies and service providers and telecommunication network in Indonesia. One of the projects being run by PT XYZ is the FTTH (Fiber to the Home) PT3 project for installation of WIFI.ID. Currently the FTTH PT3 project for installation of WIFI.ID lies between the executing, monitoring, and controlling phases. In project completion, monitoring and controlling are conducted to manage project progress and performance, identify sections requiring plan change, and initiate appropriate changes. The study was conducted on the project from March 28, 2018 to April 18, 2018 using the Earned Value Management (EVM) method.

Based on the results of the research, the project performance is still on the marginal project status where on the final day of the research on April 18, the CPI value of the project is 1.009 and the SPI project value of 0.981 indicates the project is under budget but it is behind the schedule. Based on the calculation also the total cost of settlement (EAC, there are three assumptions that can be used as a reference for the project team to consider and choose, while the estimated duration of the project is to increase the implementation time by 1 day so that the total completion time is 31 calendar days.

Key words: Earned Value Management, FTTH PT3, CPI, SPI, EAC