

## **ABSTRACT**

The fiber to the home project, or more commonly called FTTH, which is located at Jalan Cibogo Central Ostomat Telephone (STO) Nanjung is a fiber optic network expansion project owned by PT XYZ which will later serve triple play service service products. To find out the performance status of the project which will be compared with the actual performance within the scope of the schedule, and the costs for project planning. Therefore, the Earned Value Management (EVM) method is used because it can integrate actual performance, scheduling, and costs. Project status and project performance index on the twenty-sixth day of project work stated that the project experienced project delays for 7 days and with an SPI value of 0.68 or a 31,59% delay on day 26 of project planning. In addition, it is also conducted as a preventive measure for project delay. The estimated duration of the project (ETAC) will be completed on the forty-ninth day or seven working days longer than planned, with an estimated total cost for the remainder of the work until the project is completed or ETC of Rp.77,729,451.

Keywords: Fiber to The Home, Earned Value Management, Project Perfomance, Forecasting.