

ABSTRACT

PT Dadali Citra Mandiri is one of the companies engaged in telecommunications network service providers. PT Dadali Citra Mandiri is implementing a project for the procurement and installation of node B batch 2 Telkom Regional III in Sumedang. The project is a project that has been completed by the company. The company wants to know the performance of the project to be used as a reference for the construction of similar projects. Based on the results of the study, the project's performance was very good because both the CPI and SPI values on the last day were more than 1. This shows that the project runs faster than planning (SPI aspect) and the costs incurred are lower than planning costs (CPI). Referring to performance index monitoring, project performance is in the "good" quadrant which also shows the success of the project. Furthermore, based on forecasting calculations on the project, there are four assumptions calculated for EAC and all four assumptions of EAC on the 35th day of the project are below the value of the Budget at Completion (BAC) which means the estimated costs that must be incurred until the project is finished under the budget.

Keywords: *Earned Value Management, Forecasting, Project, Network Diagram, Work Breakdown Structure*