

ABSTRACT

PT. XYZ is a company engaged in telecommunications in realizing telecommunications development in Indonesia. The project currently underway is the workspace project of the Directorate of Finance and Human Resources of the Bandung Telkom Pensioners Fund. At present, the project is in the monitoring & controlling phase. Monitoring & controlling is needed to track, review and manage the progress of a project's performance. One method used in the monitoring & controlling phase is the Earned Value Management (EVM) method. EVM method is used to compare the value of planning performance and the value of performance that occurs in the field, so that it can be known if there is a deviation in project performance. EVM method can also be used to determine project performance. Based on the results of calculations in this study, value of SPI in the 10th week period is 0,932 or experiencing delays in the project by 6,814 %. SPI value below the limit of one indicates that project performance in the field does not match with project planning performance. In addition, project forecasting is carried out to determine the estimated completion. Based on the results of forecasting calculations, noted that the project experienced a delay of completion for 7 days from the initial planning of the project and is subject to late fee of Rp 11.931.990. Furthermore, the remaining work packages are scheduled by using the Precedence Diagramming Method (PDM). From the results of the rescheduling, it is known that the project can be completed in accordance with the plan and is not subject to late fees.

Key Words: Workspace Renovation, Earned Value Management, Project Performance, Project Forecasting, Precedence Diagramming Method