ABSTRACT

PT. PT.XYZ focuses on developing broadband networks for information and communication access in Indonesia. One of the projects carried out by this company is the modernization of fiber optic infrastructure in 27 locations spread across West Bandung Regency. Although most of the projects are running well, there are 12 locations that are experiencing problems and cannot be launched immediately because of infrastructure development constraints. These problems include a lack of risk identification at the initial stage of the project, the absence of reference documents for risk mitigation, and risk reporting procedures that have not been integrated. In this case, the implementation of project risk management at PT. This research aims to measure the maturity level of project risk management at PT. To measure the maturity level of project risk management, researchers used the Project Management Maturity Model (PMMM) method. This method involves evaluating various aspects of project risk management at PT. This method helps in weighting risks based on their level of importance. The research results show that the cumulative level of project risk management maturity is at level 1, known as "initial process". This shows that there is still much to be done to improve project risk management. The process that is a priority for improvement is the Risk Identification process, which shows the need for companies to focus more on risk identification and analysis. Researchers propose creating a roadmap consisting of four phases. This roadmap will provide guidance for PT.XYZ in increasing the maturity level of project risk management. The steps contained in this roadmap include implementing organizational and corporate culture changes, developing more integrated risk procedures, as well as training and developing human resources in terms of project risk management. This research has provided a clear picture of the maturity level of project risk management at PT. The research results show the need for companies to increase awareness of risks, develop more integrated procedures, and involve all relevant parties in project risk management.

Keywords: Project risk management, Project Management Maturity Model, Maturity, Project, Risk