

ABSTRACT

Construction projects are highly dynamic, but have a lot of risks in every field of work. To reduce the occurrence of a risk to the project, it is necessary to do project risk management to avoid losses to the project time, cost, and quality. Evaluation of risk management also needs to be done to improve the quality of project risk management. Therefore, this study aims to improve project management in one of the project-based organizations in Indonesia by measuring the maturity level of project risk management.

This study uses the Project Management Maturity Model (PMMM) as its framework with seven risk management processes as its criteria. This criterion will be used to compile a self-assessment survey that will be disseminated to gather evidence. In this study also carried out the weighting and ranking of these criteria using the Analytical Process Hierarchy (AHP) method.

The results of this study found that from the results of weighting and ranking that the criteria of priority is plan risk management, and the maturity level obtained in the six risk management processes at level 1 which is the initial process, and one process at level 4 which is the managed process. Overall, the maturity level of PT XYZ project risk management is currently at level 1, which is the initial process.

Keywords: Risk, Project Management Maturity Model, Project Risk Management, Construction, Project-Based Organization