

ABSTRACT

Dinas Bina Marga Pengairan, Pertambangan dan Energi Kota Tasikmalaya is the government institution that responsible for dealing with development, improvement and maintenance of highways. In the process of implementing improvement Sukarindik-Bungursari Highways there are problems of the failed auctions and the quality of the resulting path is not in accordance with the plan. Based on these problems, we need a tool to check for gaps in each phase of the project is done to minimize the occurrence of repeating the same mistakes for next project.

Problems in this study completed using the audit checklist method based on the PMBOK ® Fourth Edition which is integrated with project implementation procedures based on PERPRES number 54 of 2010 and PERWAL number 2 of 2009 which aims to obtain the data gap and its impact on the overall project and generate a list of technical procedures with the calculated probabilities and risks in each project phase procedure.

Based on the results of research conducted there are 228 gap between the implementation of the project with a checklist form that has been made. Gap is made up of 130 gap based on PMBOK and 96 gap by PERPRES No. 54 of 2010, divided into three levels of risk that is 14 processes included in the medium risk level, 33 processes included in the high risk level, and 181 are included in the process of extreme risk. Most of the gap occurs at the extreme level of risk so that the required higher concentrations to continue to perform these steps because it has a significant impact on the overall project.

Key words: Audit Checklist, Expert Judgment, PERPRES number 54 of 2010, Risk Scoring Matrix, PMBOK® Fourth Edition