

ABSTRACT

A project never goes out with risk. Risks that occur vary from operational to financial that can disrupt the running of a project. The project may experience delays resulting in deviations from the project. The focus of this research is the risk in the operational activities of phase 1 construction project at PT. A B C. The study aims to respond to the existing risk of corporate evaluation results in an effort to reduce the same risk value in phase 2 to be implemented. This research will begin with risk identification activities wherein each identified risk will be recorded. Identified risks in brakedown use the fault tree analysis method to find the root cause of risk which will then be mitigated according to the risk level. The result of this research is avoid risk response, transfer and mitigate. Response avoid for 2 risks, transfer response for 1 risk and mitigate response to 7 risks.

Keywords: *Project, Identified Risks, Fault Tree Analysis, Risk Assessment, Risk Map, Response, Mitigation*