

ABSTRACT

CV Trianom Agrotektur is a company engaged in agriculture that focuses on coffee farming. Production of coffee produced was recorded at 62.5 tons of washed coffee. So the result of the washed coffee can produce approximately 21 tons of coffee grain. With the amount of coffee produced, does not allow the product to be sold with a short time therefore CV Trianom Agrotektur requires a warehouse to store the coffee that has been produced for the quality of coffee that can be maintained in accordance with the desired standards. Warehouse development planned by CV Trianom Agrotektur is temporary and there are restrictions such as in the cost time, resources, and others. Therefore the work can be defined as a construction project. The construction project is a dynamic and risky field.

Risks has an impact on the project's productivity, performance, quality and cost limits. Therefore, risk needs to be managed with risk management. The objective of risk management is to recognize risks in a project and develop strategies to reduce or even avoid them, on the other hand to find ways to maximize opportunities. The method used in this research is identify risk, performance qualitative risk analysis, and risk response plan. Identify risk is the method used to identify the risks that may occur with the results of the risk register. Performance qualitative risk analysis is a risk assessment by looking at the probability and impact and risk response plan is the development of options and actions to reduce the risk.

In this research, WBS is used as input to identify risk which is processed into risk register and thereafter becomes probability and impact matrix. It is necessary to know the response or action that can be done. The results obtained from this research are all the possible risks in CV Trianom Agrotektur coffee plant construction project amounted to 43 risks. A total of two risks include the category of high risk, including the risk nine categories including moderate risk and 32 low risk category and then analyze the strategies (yang harus dilakukan) for each risk and action.

Keywords: risk management, identify risk, performance qualitative risk analysis, plan risk responses, risk