

ABSTRACT

PT. XYZ is running the FTTH Modernization Project in Bukit Indah City Karawang in order to improve network communication facilities. The FTTH Modernization Project has changes requests problem that occur in the project execution phase, therefore with Qualitative Risk Analysis method that aims to determine risk level also the management and control of the changes request risk to mitigate the impact in terms of severity and to calculate the requests priority using the AHP method as the management proposal. The result of the risk identification shows that it was found 26 risks of changes in requests that might occur in the FTTH Modernization Project. The risks that have been obtained are assessed based on level of severity and level of probability of occurrence on the project. From the risk assessment, it can be determined the response to the changes request risk that occur in the project. Each change request is managed according to the level of risk and the work priority that must be done first, that is the addition of areas as a form of risk management with high risk level.

Keywords: *Qualitative Risk Analysis, Change request risk, Risk Identification, Risk Matrix, Risk Management*