

ABSTRACT

Company XYZ is one of the subsidiaries of a telecommunications company in Indonesia and is engaged in the business of providing construction services and network infrastructure management. PT XYZ focuses on expanding broadband networks to provide access to information and fast communication for the entire community. PT XYZ handles many telecommunication network procurement projects. One of the projects carried out by PT XYZ is the shifting to the front project or commonly referred to as STTF. The STTF project is a work to accelerate the procurement of fiber optic cable network infrastructure. The distribution segment STTF project being carried out by PT XYZ is the STTF project in Sundamekar village, Sumedang district. The Sundamekar STTF project has problems in terms of project management. After the observation, it turned out that the project team did not have a risk register and risk response document that could be used as a guide in making decisions if a risk occurred. Designing a risk register and risk response so that project actors can know and anticipate in advance the risks that might arise in the project. The design of the risk register uses a qualitative method that starts from identifying risks which are then collected and compiled into a risk register. The next process is to conduct a risk assessment conducted by expert judgment to calculate the impact and probability that will be mapped into the probability impact matrix. The mapping results divide the risks into two, namely priority list and watchlist, where there are 51 risks included in the priority list category with 10 positive risks in it and 40 risks included in the watchlist category with 3 positive risks in it. All risks that have been identified will design a risk response strategy. As well as risks in the priority list will be designed Contingency plan. The design of the risk register update will be carried out after the information on each risk has been collected.

Keywords – [**project, STTF, risk, risk register, risk response, probability impact matrix**]