

ABSTRACT

PT XYZ works in the field of construction and manages network infrastructure services in Indonesia. In order to fulfill the telecommunication network in Indonesia, PT XYZ requires the allocation of telecommunications projects in the regions to reach customers who do not have internet using fiber optic cables. Optical Distribution Point (ODP) installation helps PT XYZ to reach customers in areas that have not installed optical fiber. During project implementation, project involvement does not involve quality management tools. During the project, the project team did not have the tools to help carry out quality control. Running project activities have no supervision and quality that must be agreed to in accordance with specifications. So the possibility of the project will experience poor quality results and not according to the expected standards is high. If that happens, the company must make rework or repair to achieve the expected standards. Therefore, in this study a quality metric was designed as a tool in determining the acquisition of a project using internal control methods. The results of this study indicate that with quality control tools namely quality metrics, help projects achieve standard quality and direct the progress of each activity so that the project runs in accordance with the plans that have been made

Keywords: quality metric, internal control, quality control, quality, project