

ABSTRACT

PT Koprime Sandisejahtera (PT KSS) is a contractor engaged in housing construction. One of the projects being worked on is a Prima Housing project located in Soreang, Bandung Regency. As is well known, there are several risks that are often encountered in the construction industry, one of which is the delay in the completion of the project so that it retreats from the time specified in the contract or the agreed time. This risk is a risk that is being faced by PT KSS in implementing the Primaamerta Housing project. The plan to implement the Prima Housing project starts on April 1, 2018 and will be completed on June 30, 2018. However, at the 8th week it was discovered that there was a delay because the work package should have amounted to 66.46%, in fact it only reached 62.67%. In this problem, Critical Path Method (CPM) and Fast Tracking Method are used which are a graphical method that serves to show the execution time of a project operating system, while the fast tracking method is used to accelerate the project. In the CPM method, it can be seen that the project contains a series of critical and non-critical activities that are interrelated between one another. From the results of calculations using CPM, the remaining activities of the Primaamerta project was found 8 critical activities, while after fast tracking on the remaining activities contained in the Prima project and found 7 critical activities with $TF = 0$, before using the Fast Tracking method the project was scheduled to finish in the working time during 41 days, after rescheduling the remaining activities on the Primaamerta project by using the Fast Tracking method, the duration is 36 days in the settlement.

Keywords: Project, Project Management, Risk, Schedule, Critical Path Method, Fast Tracking Method