

ABSTRACT

The economy in Indonesia, which is growing rapidly, has triggered infrastructure development. In one of the development project, planning is a very substantial matter. Planning is needed and used as a guide in carrying out a project with the result that the project could be undertaken efficiently. Philosophically, planning includes four things ; secure, effective, efficient, and assured quality. One of the planning's result is project scheduling, project scheduling supports in showing the correlation of each activity with other activities and the towards the overall project. To accelerate project time, it can be done by crashing the program. This research will be conducted on the Sukorejo Public Market Construction Project. The acceleration analysis of the schedule used in this study is only focused on the shift method. Calculation of shift requirements uses guidelines for calculating the Planning Analisis of Unit Labor Cost 2013. After the calculation is done, it will produce the required duration of shifts in accordance with the volume of the Sukorejo Public Market Construction Project. Thereafter the changes in required costs can be calculated. From the obtained data after an analysed the Sukorejo Public Market Construction Project, the project could be accelerated for 11 working days, as of so the project duration which was at first required 100 working days turned into 89 working days (down 11%). Project direct costs increased from Rp. 4,581,395,448.69 in 100 days to Rp. 4.617.963.126,92 in 89 days (up 0.79%). Indirect costs decreased from Rp. 599,420,392.87 to Rp 533.484.249,65 (down 11%). With the result that the total project cost, which was originally Rp. 5,180,815,814.5 turned into Rp. 5.151.447.276.57. There's a gap price of Rp. 29.368.131.696,71 from a normal project (down 0,57%).

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