Abstract

World Construction of reinforced concrete experience growth which fast enough push all engineer design building which quickly and economic execution system. For the symmetrical and typical building precast system become one of more efficient alternative compared to conventional system.

This final project target determine execution method for conventional and precast method to compare time and cost from especial structure concrete work calculation result that block and slab to both of construction systems.

From research result, obtained for the conventional construction system cost is Rp. 4.948.816.600,00 with execution time 248 days. For precast construction system cost is Rp. 5.551.663.300,00 with execution time 196 days.

Keyword: Conventional System, Precast System, Cost and Time