ABSTRACT:

Building of Training Center IAIN Surabaya is a building that we made as a source for our final project. In the implementation of construction works from this building, time and cost factors are concerned, considering that the problems we discuss are about the comparison between time and cost of the implementation lift material by using mobile crane.

For doing this final project, we use heavy equipment mobile crane to quicken the project’s implementation period. And implementation analyzing the time and cost, the result shows that the time for implementation lift material is 26 weeks of overall works, while the time for implementation mobile crane is faster than cast in-situ plate, it’s 21 weeks of overall works. In a cost comparison, the implementation with lift material for the direct cost is Rp, 4.652.610.471 and for the indirect cost is Rp
105.700.000, while the implementation with mobile crane for the direct cost is Rp 4.710.198.017, and for the indirect cost is Rp 63.100.000.

Key Word; time and cost