

## Cost analysis based on design changes at pesona City Mall = Analisa biaya berdasar perubahan desain di pesona Mall City proyek

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20465729&lokasi=lokal>

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### Abstrak

#### <b>ABSTRAK</b>

A successful project requires a convenient cost estimation. The fragmentary of a construction project starts with an imperfect cost analyze and estimation. This paper is discussing about the analyze of cost estimation with different methods, the study is conducted by two different cost estimation coefficient which is SNI Indonesian standard MPW Ministry of Public Work 2016, price journal DKI Jakarta 2017 and private contractor perspective Expert Judgment . The work of raft foundation is a construction project with repetitive work activities. In this research, there were two analyses, namely comparison the cost analysis Identifying aspects, which makes different in cost analyzing result. This writing will compare the analysis of construction costs for raft foundation that done in the field with the value of the contract, so in this paper we will see the difference of cost estimation based on Indonesia standard MPW 2016, price journal of DKI 2017 and expert judgment with contractor.X who complete this project. The analysis done in this research is to study the use of coefficient value or index and unit price and wage on a materials, tools and workers in cost analysis at raft foundation job. The method used is a case study conducted at the Pesona City Mall Project. The data collection done by collecting the documents, materials and labor, then analyzing the data. The analysis done by comparing the contract value on raft foundation job with the result of project cost analysis using MPW 2016, Journal DKI Jakarta price list and expert judgment. So that obtained comparison of Analysis of Construction Cost between contractors values with project cost based on MPW 2016, Journal 2017 DKI Jakarta and expert judgment to identify the method and aspects, which affect cost estimation. In result the cost estimation based on Expert judgment have lower price than MPW 2016 coefficient and Jakarta price list 2017, but still it is higher than contractor.X price.

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