

ABSTRACT

ADIRA HERESTU T.P. RISK IDENTIFICATION TO THE MATERIAL COST SWELLINGS OF HIGH RISE BUILDING PROJECTS IN JAKARTA. *Essay. Jakarta: Educational Program Building Engineering, Department of Civil Engineering, Faculty of Engineering, State University of Jakarta. 2017. Advisers: Anisah, MT and Winoto Hadi, MT.*

This research aims to identify and determine the most dominant risk which cause swelling to the material cost of high rise building project in Jakarta. This research was conducted in ten high rise building projects in Jakarta.

This research method was using survey method, by distributing questionnaires and interviewing some respondents. From the obtained results, then conduct a qualitative risk analysis due to the Project Management Body of Knowledge (PMBOK) Guide 2013, to obtain the risk scores, level and rank. So the dominant risks can be known.

Based on the research results, from the identification results of the ten projects in Jakarta, obtained two dominant risks that cause the swelling to the cost of the material project. On the first rank is due to errors in evolving and applying the standard methods for performing the project job, with 0.19 as its score, then less precise in predicting the market situation as the second rank with the score 0.18, and both of those risks belong to the high risk.

Keywords : Project Management, Risk Management, Materials.