IDENTIFICATION OF CONSTRUCTION RISKS IN CONSTRUCTION INDUSTRY SCENARIO (CASE STUDY: PENANG)

By

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DECLARATION BY THE CANDIDATE

I Nordiana Binti Mohd Isa, UiTM No 2004335474 confirm that the work is my own and that appropriate credit has been given where reference has been made to the work of others.

Signed : .....
Date : 14/5/07 .....

ACKNOWLEDGEMENT

In the name of Allah, most gracious and most merciful, with His permission, this study has been successfully completed. Praised to Prophet Muhammad, his companions and to those who are on the path as what he preached upon, may Allah almighty keep us blessing and tenders.

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May Allah Almighty blessing upon all of us and make this small effort useful and beneficial for others in future.

ABSTRACT

This study identified the construction risks in Penang construction industry scenario. For this purpose, a short questionnaire was designed and distributed personally to the randomly selected contractors in Penang. The data collections were used in determining the ranking of construction risks. The sample consists of 60 contractors in Penang, and then the data was colleted using self-administrated questionnaire. For the analysed of data the SPSS version 13.0 Software and Total Contribution Weightage Method have been used in determining the ranking. The result indicated that the highest ranking of construction risk is increase in price of construction materials followed by corruption and cash flows. The lowest ranking of construction risk is lack of construction materials. The interesting of this study is that, it determined the construction risk ranking due to the frequency of the risk faced. Construction risk is generally perceived as events that influence project objectives of cost, time and quality. It is important to know the risks that contractors faced because contractors would then be better prepared for the problems and difficulties that they may encounter in other projects, and thereby have higher chance of meeting with project success. The findings of this research will form the basis for extended investigation which aims to asses the risks factors that influence construction industry.

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