

RISK MANAGEMENT ON PROJECT SUCCESS IN MALAYSIAN CONSTRUCTION INDUSTRY

Jamaliah Mohamad Sopi^{1*}, Mohd Amin Abdul Majid²

¹*Civil Engineering Department,*

²*Department of Students' Affair,*

Politeknik Kota Bharu, 16450 Ketereh, Kelantan.

jamaliahsopi@pkb.edu.my¹, mohdamin@pkb.edu.my²

Received 8 June 2022: Accepted 9 June 2022: Available online 27 June 2022

Abstract

Risk management has always been a topic of discussion in the construction business. As a result, this study looked into the level of risk management in Kuala Lumpur for Malaysian construction industry in order to improve the industry's risk management implementation. To address these difficulties, this study employs a statistical package for the social sciences (SPSS) approach to validate construction risk management (RM) as a construct from the perspective of Malaysia's registered Grade-7 (G-7) contractors. Due to the nature of its activities, the construction business is seen as the sectors that is highly impacted because of several factors which is the environment, dynamic, challenging, and risky organisation. The G-7 Contractors with more complicated operations RM is more likely to be implemented in turbulent earnings of their business operations. A structured questionnaire was used to collect data from G-7 contractors using a cross-sectional survey and proportionate stratified random sampling techniques. In terms of methodology, this study may be the first to measure the level of risk management in Kuala Lumpur for Malaysian construction industry. Using the Likert scale of risk from previous studies, statistical analysis affirmed that the overall level of risk management among Malaysian construction industries in Kuala Lumpur is at the high level.

Keywords: Construction risk management, contractors, construction, success.

INTRODUCTION

A risk management plan is a method for detecting risks that corporations and organisations use to better their operations. Threats are recognised, assessed, addressed, and monitored on a regular basis in risk management, which is a cyclical process. Because it allows the upgrading and revision of assessments, this technique will result in new advancements in organisations and corporations. This allows you to update and analyse assessments as new information becomes available, and then take action to protect the business, its employees, and its assets. The purpose of strategy risk management is to maximise the possibility and impact of positive events while reducing the likelihood and impact of bad events on the project. Delays, cost overruns, and a drop in project quality are all possible outcomes. The goal of strategy risk management is to increase the likelihood and impact of positive events on the project while minimising the likelihood and impact of negative events. Delays, cost overruns, and a decline in project quality are all common negative risks in construction projects, according to Abdul-Rahman, Wang, and Sheik Mohamad (2015). The risk reduction plan from Malaysia's construction industry (Abdul-Rahman et al., 2015). The goal of strategy risk management is to increase the likelihood