

**THE IMPLEMENTATION AND PRACTICES OF
RISK MANAGEMENT AMONG CONTRACTORS
IN SAUDI ARABIA**

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AMONG CONTRACTORS IN SAUDI ARABIA**

by

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PELAKSANAAN DAN AMALAN PENGURUSAN RISIKO DI KALANGAN KONTRAKTOR DI ARAB SAUDI

ABSTRAK

Risiko mempunyai impak yang signifikan ke atas prestasi projek pembinaan dari segi kos, masa dan kualiti. Justeru, ramai penyelidik menyatakan keperluan pelaksanaan pengurusan risiko projek pembinaan bagi meningkatkan prestasi dan kualiti projek pembinaan secara keseluruhannya. Pelbagai rangka-kerja, model dan perisian untuk memudahkan pemain-pemain pembinaan dalam melaksanakan pengurusan risiko pembinaan. Malangnya, di sebalik menyedari kepentingan pengurusan risiko projek, jelasnya industri pembinaan Arab Saudi masih lagi ketinggalan dalam aspek ini. Justeru, kajian ini dilaksanakan untuk menegnalpasti dan mengkategorikan risiko yang berkaitan dengan projek pembinaan dan juga menilai praktis pencegahan risiko yang diamalkan oleh syarikat kontraktor di Arab Saudi. Kajian ini telah memilih kaedah soalan kaji selidik sebagai kaedah pengumpulan data kajian. Responden kajian ini ialah syarikat kontraktor yang berdaftar dengan Kementerian Dalamn Arab Saudi. Sejumlah 400 borang kaji selidik telah diedarkan kepada responden dan kajian ini berjaya mendapatkan sejumlah 233 borang kaji selidik yang lengkap diisi oleh responden, menghasilkan 58.25 peratus kadar maklumbalas. Hasil kajian menunjukkan bahawa risiko projek pembinaan dikategorikan kepada tujuh factor utama, iaitu faktor kemanusiaan, faktor kerajaan, strategi perniagaan, faktor ekonomi, perlindungan, pesaing pasaran dan reputasi syarikat. Hasil analisis korelasi pula menunjukkan bahawa secara umumnya risiko projek pembinaan mempunyai hubungan yang signifikan dengan penyelesaian risiko projek pembinaan. Dapat disimpulkan bahawa penemuan kajian ini memberikan maklumat dalaman yang bernilai dan menjawab skeptisme dalam kalangan kontraktor-kontraktor di Arab Saudi terutama dalam isu-isu berkaitan dengan risiko projek pembinaan dan pengurusan risiko projek.

THE IMPLEMENTION AND PRACTICES OF RISK MANAGEMENT AMONG CONTRACTORS IN SAUDI ARABIA

ABSTRACT

Risks impact significantly to the construction project's performance in terms of cost, time and quality. Therefore, many scholars acknowledged the need to implement construction project risk management in order to enhance the overall performance and quality of construction projects. There are many available frameworks, models and tools to facilitate construction players in adopting construction project risk management. Unfortunately, despite realizing the importance of project risk management, it seems that the construction industry in Saudi Arabia lags behind in this aspect. Hence, this study was conducted to identify and categorize the risks associated with construction projects as well as evaluating the practical measure of risk mitigation adopted by the construction companies in Saudi Arabia. This study has chosen a survey method as a method of data collection. The respondent of the study are construction companies registered with the Ministry of Interior, Kingdom Saudi Arabia. A total of 400 questionnaires were distributed to the respondents and 233 completed questionnaires were duly returned, yielding a 58.35 per cent response rate. This study found that the construction project risks can be grouped into seven main factors, namely, human factor, government factor, business strategy, economic factor, protection, market competition and company reputation. In addition, the result of correlation analysis exposed that, in general, construction project risks are significantly correlated with the construction firms' project risk mitigation. It can be concluded that the findings of this study provide valuable insights and answers to the skepticism among the contractors in Saudi Arabia; especially on issues related to construction project risks and project risk management.