### CENTRE OF STUDIES BUILDING SURVEYING FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING UNIVERSITI TEKNOLOGI MARA (UiTM), SHAH ALAM

## THE ACCEPTANCE LEVEL OF USING e – CONSTRUCTION BY THE IBS BUILDING CONTRACTOR IN JOHOR

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Academic Project submitted in partial fulfilment of the requirements for the degree of
Bachelor of Building Surveying (Hons)
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#### **ABSTRACT**

Globalization of construction business provides opportunities by opening up new markets. The construction industry needs to accelerate the migration of the industry into a knowledge industry founded on Information Technology (IT). They must shift towards the implementation of IT in the construction. In recent years, the construction industry in Malaysia seems to be using IT as much as other industry. The Construction Industry Development Board (CIDB), the national body has also put in effort to to allow maximum and effective means of interaction among the construction industry players especially IBS Contractor. The adaptation of IT in construction will gives a lot of benefits and the IBS Contractor together with other construction players must give their fully support to ensure they can reach the virtue offered for a new strategies together with a global effort in the construction industry using the IT platform. This academic project aims discussed on several issue regarding to overall view or perception of the acceptance level of e - Construction by the IBS building contractor in Johor. Saving time, cost reduction, more benefits, more practical and easy to access to the contractor are the factors that push the IBS contractor to implement e – Construction. To achieve this, the research has analyzed the main contributors which is IBS contractor to perceive their preview regarding the issue.

#### ACKNOWLEDGEMENT

In the name of ALLAH most benevolent and most merciful.

I would like to express my greatest sincerely to numerous professionals and individual that had contributed their expertise and practical knowledge that help me in producing this dissertation. First and foremost, I would like to thank my supervisor, MR MD. NADZARI BIN MOHAMED JALIL, who has given me the guidance and unfailing support.

I owe a special word to thanks to all who have provide me with the signification information, suggestions, advices, answer to questionnaires, clarification and agreed to be interviewed, formally and informally and gave me the benefit of their knowledge, views and experience especially to CIDB Malaysia.

A great thanks also to be extended to my beloved parents, brother and sisters, and to all of my friends for their encouragement and untiring inquisitions are indeed my main source of inspirations. Thank you for their support and may ALLAH bless them all.

### **Table Of Content**

ABSTRACT	
ACKNOWLEDGEMENT	
CONTENT	
LIST OF TABLE	
LIST OF FIGURE	
CHAPTER 1 – INTRODUCTION	
1.1 General Overview.	
1.2 Problem Statement.	
1.3 Objective Of Study	
1.4 Scope Of Study	
1.5 Methodology Of Study	. (
CHAPTER 2 – INFORMATION TECHNOLOGY (IT) IN CONSTRUCTION	I
2.1 Introduction	
2.2 The Emerge Of Information Technology In Malaysian Construction Industry	
2.3 Local Area Network (LAN)	
2.3.1 The Wired LAN	
2.3.2 The Wireless LAN	
2.4 Wide Area Network (WAN)	,
2.4.1 Point To Point Links.	,
2.4.2 Circuit Switching.	
2.4.2 Circuit Switching.	
2.4.4 WAN Virtue Circuit	
2.4.5 WAN Dial Up Service	
2.5 The Implementation Of "IT" In Malaysian Construction Industry	
2.6 Main Team Players Towards "IT" In Construction	
2.6.1 Construction Industry Development Board (CIDB)	
2.6.2 Malaysia Institute Of Micro Electronic System (MIMOS)	
2.6.3 Standard And Industrial Research Institute Malaysia (SIRIM)	
2.6.4 Ministry Of Housing And Local Government	
2.6.5 Department Of Standard Malaysia (DSM)	
2.6.6 Multimedia Development Corporation (MDC)	•
· · · · · · · · · · · · · · · · · · ·	
Management Planning Unit (MAMPU)	4
2.7 Factors Influencing The Used Of IT	4
2.7.1 The Attraction Of e – Construction : Practical Benefits	
2.7.2 The Development Of e – Construction	
2.7.2 THE DEVELOPMENT OF COMMISSION WILLIAM TO THE TRANSPORT OF THE PROPERTY O	-

#### **CHAPTER ONE**

#### **INTRODUCTION**

#### 1.1General Overview

Every construction industry either in Malaysia or other countries faced a lot of problems and challenges. However, in Malaysia, these difficulties and challenges present alongside a general situation of socio-economic stress, chronic resource shortages, institutional weaknesses and a general inability to deal with the key issues. There is also evidence to prove that the problems have become greater in extent and severity in recent years.

In recent years, the construction industry in Malaysia seems to be using the Information Technology (IT) system as much as other industry. Malaysia was connected to the information technology as well as Internet in 1990 when the Internet Service Provider (ISP) JARING was launched. In line with the National IT Agenda,