PAYMENT CULTURE IN MALAYSIAN CONSTRUCTION INDUSTRY

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UNIVERSITI TEKNOLOGI MALAYSIA
PAYMENT CULTURE IN MALAYSIAN CONSTRUCTION INDUSTRY

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A project report submitted in partial fulfillment of the requirements for the award of the degree of Master of Science (Construction Management)

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DEDICATION

Especially for

My beloved parents
Mohd Badroldin Bin Mohd Rejab and Rajemah Binti Hamzah,
“Your unrepayable love motivates me endlessly”.

My beloved Friends
Syazwani Binti Abdul Raman, Friends From Sekolah Menegah Teknik Pendang,
Politeknik Kota Bharu and Uitm Shah Alam
Who give me moral supports and inspiration in your own way, Your encouragement
makes me forget the meaning of being a quiter.
You know who you are.

May Allah have mercy on you and gives you blessing for the rest of your life.
ACKNOWLEDGEMENT

In the name of Allah S.W.T the most gracious and most merciful, with his permission Alhamdullah this study has been completed. Praise to Prohet Muhammad S.A.W., His companions and to those on the oath as what He preached upon, might Allah Almigthy keep us His blessing and tenders.

Firstly I would like to express gratitudes to those who endlessly help me from the start of this study until the submission of this thesis. Highest gratitudes dedicated to my supervisor, Mr Abdul Rahim Abdul Hamid who had given me his precious time for discussion during the study. Moreover, his guidance, hints, references and motivating advices has helped me a lot through the process in completing this task sucessfully.

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ABSTRACT

Cash flow is the life blood of the construction industry and basically cash flow is majorly contributed by payment that gain. Unfortunately, late payment becomes a habit in the construction industry and this practice could turn the construction company to many implications such as bankruptcy, the higher the contract sum due to the risk, uncomfortable relationship between the payer and payee, disturbance supply chain and others. The objectives of this master project are to study the construction industry payment scenario, impact of late payment to contractors, to identify the factors of late payment in the construction industry and to identify methods for tackling late payment in the construction industry. Literature review by performing focusing on issues related to late payment and primary data were collected by distributing 100 sets of questionnaires based on convenience sampling. The collected data were analysed by using frequency distribution and relative important index. The results of the study show that the late payment is one of the most critical problems in the Malaysian construction industry. The majority of the contractor experienced late payment quite frequently and even beyond the stipulated term. The top 3 impact of the late payment problems is the negative chain effect on other parties, results in delay in completion projects and leads to bankruptcy or liquidation. The top 3 factors that contribute to the late payment problem are disagree with the valuation of work done, technical problem and conflict among parties involve. The top 3 method for tackling late payment problem are uses of technology, sector based approaches and fair and clear payments practice.
ABSTRAK

Aliran tunai adalah nadi industri pembinaan dan pada dasarnya aliran tunai disumbang daripada bayaran yang diperolehi. Malangnya, pembayaran lewat menjadi kebiasaan dalam industri pembinaan dan amalan ini boleh menyebabkan syarikat pembinaan untuk mendapat banyak implikasi seperti muflis, jumlah kontrak yang lebih tinggi disebabkan oleh risiko yang tinggi, hubungan tidak selesa antara pembayar dan penerima, gangguan rantaian bekalan dan lain-lain. Objektif projek ini adalah untuk mengkaji senario pembayaran industri pembinaan, kesan pembayaran lewat kepada kontraktor, untuk mengenal pasti faktor-faktor pembayaran lewat dalam industri pembinaan dan untuk mengenal pasti kaedah untuk menangani pembayaran lewat dalam industri pembinaan. Kajian literatur dengan memberi tumpuan kepada isu-isu yang berkaitan dengan pembayaran lewat dan data primer telah dikumpulkan dengan mengedarkan 100 set borang soal selidik berdasarkan kaedah persampelan mudah. Data yang dikumpul telah dianalisis dengan menggunakan taburan kekerapan dan indeks penting relatif. Keputusan kajian menunjukkan bahawa pembayaran lewat adalah salah satu masalah yang paling penting dalam industri pembinaan Malaysia. Majoriti kontraktor mengalami pembayaran lewat agak kerap dan walaupun di luar tempoh yang ditetapkan. Tiga kesan tertinggi daripada masalah pembayaran lewat adalah kesan negatif kepada rantaian terhadap pihak lain, menyebabkan kelewatan dalam menyiapkan projek dan membawa kepada kebankrapan atau pembubaran. Tiga faktor tertinggi yang menyumbang kepada masalah pembayaran lewat adalah tidak bersetuju dengan penilaian kerja yang dilakukan, masalah teknikal dan konflik di antara pihak yang terlibat. Tiga kaedah tertinggi untuk menangani masalah pembayaran lewat ialah penggunaan teknologi, pendekatan berasaskan sektor dan amalan yang wajar dan pembayaran jelas.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECLARATION</td>
<td></td>
<td>ii</td>
</tr>
<tr>
<td>DEDICATION</td>
<td></td>
<td>iii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td></td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td></td>
<td>v</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td></td>
<td>vi</td>
</tr>
<tr>
<td>TABLE OF CONTENT</td>
<td></td>
<td>vii</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td></td>
<td>xi</td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td></td>
<td>xii</td>
</tr>
<tr>
<td>LIST OF APPENDICES</td>
<td></td>
<td>xiii</td>
</tr>
</tbody>
</table>

1  INTRODUCTION 1
1.1 Introduction 1
1.2 Problem Statement 2
1.3 Aim and Objectives 3
1.4 Scope of Study 4
1.5 Methodology of Study 5
1.6 Arrangement of the Report 6
1.7 Conclusion 6

2  LITERATURE REVIEW 8
2.1 Introduction 8
2.2 Payment in Construction

2.3 Advance Payment
   2.3.1 Based on PWD Standard Form of Contract
   2.3.2 Based on PAM Standard Form of Contract

2.4 Interim Payment
   2.4.1 Based on PWD Standard Form of Contract
   2.4.2 Based on PAM Standard Form of Contract

2.5 Final Account
   2.5.1 Based on PWD Standard Form of Contract
   2.5.2 Based on PAM Standard Form of Contract

2.6 Payment Terms
   2.6.1 Method of Valuation

2.7 Importance of Payment in the Construction Industry

2.8 Problem Associated with Payment in Construction Industry

2.9 Scenario of Late Payment

2.10 Causes of Payment Problems in Construction Industry

2.11 Effects of Payment to Construction Industry Development

2.12 Methods to Encounter Late Payment

2.13 Conclusion

3 METHODOLOGY OF STUDY

3.1 Introduction

3.2 First Stage: Background Study

3.3 Second Stage: Literature Review and Questionnaire Design
   3.3.1 Primary Data
   3.3.2 Secondary Data

3.4 Third Stage: Data Collection and Data Analysis
   3.4.1 Reliability of Data
   3.4.2 Percentage Frequency Distribution
   3.4.3 Relative Importance Index

3.5 Fourth Stage: Results and Discussion
3.6 Fifth Stage: Conclusion and Recommendation 49
3.7 Conclusion 49

4 RESULTS AND DISCUSSION 50
4.1 Introduction 50
4.2 Realibility Test Result 51
4.3 Demographic Data Analysis 51
4.4 Result and Analysis Accordance to Objective of Study 52
  4.4.1 Section A: Respondent Information 52
  4.4.2 Section B: Scenario of Late Payment and Its Impact to Contractors 55
  4.4.3 Section C: Factors of Late Payment 62
  4.4.4 Section D: Methods for Tackling Late Payment 69
4.5 Conclusion 74

5 CONCLUSION AND RECOMMENDATION 75
5.1 Introduction 75
5.2 Conclusions of Study 75
5.3 Limitations of Study 76
5.4 Recommendations for Further Study 77
5.5 Conclusion 78

REFERENCES 79
APPENDIX A 83
## LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE NO.</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Definition of Payment</td>
<td>9</td>
</tr>
<tr>
<td>2.2</td>
<td>Scenario of Late Payment in Other Countries</td>
<td>26</td>
</tr>
<tr>
<td>2.3</td>
<td>Factors of Late Payment</td>
<td>30</td>
</tr>
<tr>
<td>2.4</td>
<td>Impacts of Late Payment</td>
<td>35</td>
</tr>
<tr>
<td>2.5</td>
<td>Methods to Encounter Late Payment</td>
<td>37</td>
</tr>
<tr>
<td>3.1</td>
<td>Internal Consistency Range based on Cronbach’s Alpha</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>(George et. al, 2003)</td>
<td></td>
</tr>
<tr>
<td>4.1</td>
<td>Summary of Reliability Test Result</td>
<td>51</td>
</tr>
<tr>
<td>4.2</td>
<td>Impact of Late Payment</td>
<td>61</td>
</tr>
<tr>
<td>4.3</td>
<td>Factors of Late Payment</td>
<td>65</td>
</tr>
<tr>
<td>4.4</td>
<td>Methods for Tackling Late Payment</td>
<td>70</td>
</tr>
</tbody>
</table>
# LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE NO.</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Chain of Payment in Construction Industry (Bayley, 2006)</td>
<td>33</td>
</tr>
<tr>
<td>3.1</td>
<td>Flow Chart of Methodology of Study</td>
<td>41</td>
</tr>
<tr>
<td>4.1</td>
<td>Respondents’ Gender</td>
<td>52</td>
</tr>
<tr>
<td>4.2</td>
<td>Respondents’ Age</td>
<td>53</td>
</tr>
<tr>
<td>4.3</td>
<td>Respondents’ Working Experience</td>
<td>53</td>
</tr>
<tr>
<td>4.4</td>
<td>Respondents’ Position</td>
<td>54</td>
</tr>
<tr>
<td>4.5</td>
<td>Respondents’ Company Status</td>
<td>55</td>
</tr>
<tr>
<td>4.6</td>
<td>Late payment is one of the most critical problems</td>
<td>56</td>
</tr>
<tr>
<td>4.7</td>
<td>Late Payment Faced by the Company</td>
<td>56</td>
</tr>
<tr>
<td>4.8</td>
<td>Experienced of Late Payment in the Last Two Years</td>
<td>57</td>
</tr>
<tr>
<td>4.9</td>
<td>Agreed Contractual Payment Terms</td>
<td>58</td>
</tr>
<tr>
<td>4.10</td>
<td>Duration Payment Made</td>
<td>58</td>
</tr>
<tr>
<td>4.11</td>
<td>Type of Client Who Practice Late Payment</td>
<td>59</td>
</tr>
<tr>
<td>4.12</td>
<td>Frequency of the Late Payment</td>
<td>60</td>
</tr>
<tr>
<td>4.13</td>
<td>Period to Chase the Late Payment</td>
<td>60</td>
</tr>
<tr>
<td>4.14</td>
<td>Delay in Paying the Supplier</td>
<td>61</td>
</tr>
<tr>
<td>4.15</td>
<td>Impact of Late Payment by Rank</td>
<td>62</td>
</tr>
<tr>
<td>4.16</td>
<td>Factors of Late Payment</td>
<td>68</td>
</tr>
<tr>
<td>4.17</td>
<td>Methods for Tackling Late Payment</td>
<td>73</td>
</tr>
</tbody>
</table>
# LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACDA</td>
<td>As Completed Detailed Abstract</td>
</tr>
<tr>
<td>CIDB</td>
<td>Construction Industry Development Board</td>
</tr>
<tr>
<td>CIMP</td>
<td>Construction Industry Master Plan</td>
</tr>
<tr>
<td>CIPAA</td>
<td>Construction Industry Payment and Adjudication Act</td>
</tr>
<tr>
<td>FIDIC</td>
<td>International Federation of Consulting Engineers</td>
</tr>
<tr>
<td>GDP</td>
<td>Gross Domestic Product</td>
</tr>
<tr>
<td>LAD</td>
<td>Liquidated and Ascertained Damages</td>
</tr>
<tr>
<td>MBAM</td>
<td>Master Builders Association Malaysia</td>
</tr>
<tr>
<td>PAM</td>
<td>Persatuan Arkitek Malaysia</td>
</tr>
<tr>
<td>PWD</td>
<td>Public Work Department</td>
</tr>
<tr>
<td>RII</td>
<td>Relative Importance Index</td>
</tr>
<tr>
<td>RM</td>
<td>Ringgit Malaysia</td>
</tr>
<tr>
<td>S.O.</td>
<td>Superintending Officer</td>
</tr>
<tr>
<td>SOCSO</td>
<td>Social Security Organization</td>
</tr>
<tr>
<td>UK</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>UM</td>
<td>Universiti Malaya</td>
</tr>
<tr>
<td>VOP</td>
<td>Variations of Price</td>
</tr>
</tbody>
</table>
## LIST OF APPENDIX

<table>
<thead>
<tr>
<th>APPENDIX</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Sample of Questionnaire Form</td>
<td>83</td>
</tr>
</tbody>
</table>
1.1 Introduction

The construction industry is a catalyst of a nation’s growth, even it only contribute 3% - 4% of total a nation gross domestic product (GDP) but it accelerates other industry for example manufacturing, tourism, agriculture and others. There are involving several parties, various process, different phases, and different stages of work and get a lot input from private and public sector (Sambasivan, 2007). Therefore, the practice of efficient and timely payment in construction projects is a major factor leading to a project’s success. However, payment default is considered as a major problem in the construction industry (MBAM, 2012).

The Government has long been aware of the problems faced by parties in a construction project in securing regular and timely payment that impacts cash flow during project implementation. To ensure the smooth implementation of construction projects, problems of this nature have been addressed at the onset of the 10th Malaysia
Plan. On 15th July 2009, Cabinet has agreed that CIPAA be enacted to resolve payment problems in the construction industry.

The construction industry, in particular, the Construction Industry Development Board (CIDB) and Master Builders Association Malaysia (MBAM) and other related promoters have been instrumental in getting the government to enact this piece of legislation since 2003 to address the cash flow problems plagued by the industry (KLRCA, 2012).

1.2 Problem Statement

Payment has been said to be the lifeblood of the construction industry. Yet there remains a chronic problem of delayed and non-payment in the Malaysia construction industry affecting the entire delivery chain (Naseem, 2006). Many parties are being affected from delayed or non-payment and these results in the issues raised about the livelihood and welfare of workers and also on the continuity of the affected projects.

MBAM had long been lamenting the problems of delayed and non-payment and the construction industry had been waiting far too long for the CIPAA to be in place since the Cabinet approved its enactment in 2009 (MBAM, 2011). Cash flow in the construction industry is critical because of the relatively long duration projects. A planned, expected revenue flow is usually represented by an S curve. Any deviation due to either project delays or cash flow delays can have a major impact on the project (Naseem, 2006). Therefore, the Construction Industry Development Board (CIDB)
Malaysia is working together with the construction industry has moved forward to the enactment of Construction Industry Payment Adjudication Act 2012 to improve cash flow problem in the Malaysian Construction Industry.

According to survey by University of Malaya, reported in CIDB presentation, out 49 consultants, 31 which 63.3% of them already encounter late payment of professional fees in government project and 73.5 % which 36 of them have experienced late payment of fees from in private sector project. From the contractor sides, out 333 contractors, 44.1 % had faced late payment from the government project and 53.5% from the private sector project.

Late payment may affect the performance and financial of the contractors. This problem needs to be studied in depth because it involves a high and a major barrier to the success of the project.

1.3 Aims and Objectives

The aim of this master project is to examine the practice of payment in the construction industry and the objectives of this study are as follows:

1. To study the construction industry payment scenario, impact of late payment to contractors.
2. To identify the factors of late payment in the construction industry.

3. To identify methods for tackling late payment in the construction industry.

1.4 Scope of Study

The scope of study is to study the construction industry payment scenario, impact of late payment to contractors, factors of late payment and method for tackling late payment. This study will be focusing on contractor grade G7 in Selangor. The contractor was chosen because they conveyed the large categories on the construction industry team player. The respondent chosen area contractors as they spend and receive the most amounts of monetary sources in a project.

This study will be focusing on contractors and sub-contractors for construction projects in Malaysia where a regular disbursement of interim payment is the main method of payment to the contractor. A contractor is a person or firm that undertakes a contract to provide materials or labour to perform a service or do a job. In this study, contractors include main contractors as well as subcontractors doing any construction in Malaysia. If anything involved payments, they will be directly affected. The questionnaire is distributed to contractors within Malaysia.
1.5 Methodology of Study

Careful thought and planning in the preparation of the methods of study, data collection techniques and measurements is very important for conducting studies. A framework of the methodology has been designed to show the distinct stages and the sequence in which they occur.

Primary Data will be collected by distributing the questionnaires to the related personnel within the scope of the study. The questionnaires are designed to answer the objective that has been outlined. Both Main contractors and sub-contractors will be the respondent to these questionnaires. The next step after data collections would be data analysis. This method includes compiling all the data collected.

Secondary Data is collected through literature review, the latest secondary data and information can be collected from different sources which can be used for the survey being conducted. The sources include books, journals, magazines, dissertations, conference papers, periodicals and information from the internet. Due to the evolution of information technology, using the data from the internet that can collect from many website and web page is the easiest way to retrieve the related information. These materials were used for background reading to obtain full understanding and information needed for discussion and analysis in the study.
1.6 **Arrangement of the Report**

Briefly, this study is related to construction industry payment scenario and from law aspects. In order to achieve final project objectives, some of the methodical programmes of study were undertaken. This is presented by 5 chapters.

The first which is introduction chapter, will describe the general overview of the whole study. In this chapter, the problem statement is clearly defined which leads to the aim and objectives of the study. The scopes of study are also clarified to avoid any confusion and misconception arises.

The second chapter which is literature review, consists of literature review regarding the construction industry payment scenario, impact of late payment, factors of late payment, how to tackle it and the challenge the implementations.

The methodology of study which is third chapter it describes in more details on the study methodology being used in this project report. This chapter will clearly state how the related information and sample data are being collected such as through literature review and questionnaire survey. It also discusses the procedure and techniques for analysing the collected data.

Results and discussions will be write on the fourth chapter and it explains the results and the discussion was related to the literature review in the second chapter, questionnaire survey and interview findings in relation to the three (3) objectives of the study as stated in the first chapter.
The last chapter is conclusions, this chapter will discuss the conclusion and concludes all findings that leads to the achievement of the three (3) objectives of the study as stated in the first Chapter. It also suggests some recommendations for the betterment of future study.

1.7 Conclusion

The study was conducted in order to meet certain interest and will be useful to the parties involved in the construction especially contractors.

- Study the scenario of payment in the construction industry and late payment impact. This result can be used as an indicator of the parties involved in order to prevent the problems in their projects.

- Propose several approaches to encounter late payment. This approach can be taken by the parties involved in order to reduce the risk of late payment in the project.

- Expands and develops the country’s construction industry equivalent advanced in terms of project managements.
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Malaysia Manufacturing Industry 马来西亚制造业 每天有1,620位朋友在谈论。宣传您的业务。 基本金属产品

基本金属产品行业在马来西亚扮演了重大角色，特别是在制造业和建筑业的发展。该行业包括金属制品的制造，尤其是铁和钢以及铝、锡、铜等非铁金属。目前有832个项目在该行业中实施，投资总额为624亿令吉，雇佣了75,127名工人。马来西亚铁和钢子行业具有产生高达6.5%的GDP增长潜力，并且在2020年创造225,000个就业机会。

在东马来西亚，优先级最高的项目是将五公里的“缺失链接”路线连接库拉巴兰在米里至文莱达鲁萨兰国的边境 Sungai Tujuh Immigration and Quarantine Complex (CIQ)，他今天在声明中说。法迪拉说，该部还申请了至少20个全国新项目，包括兴建新路和升级现有道路的项目。此外，他说，资金也应流向马来西亚建筑业发展委员会（CIDB），以支持其努力增加在建筑业中使用技术，如机器人技术、自动化和虚拟现实。在建筑项目中企业文化可能阻碍各方的合作，并影响项目绩效。建筑纠纷往往涉及冗长的解决过程、繁杂的文件和对抗性，这是其性质。

在马来西亚建筑行业-承包商的视角。国际建筑文化、创新和管理会议（CCIM）。PDF | 建筑行业是马来西亚经济的重要组成部分。由于工作条件恶劣和可获得的廉价工人，建筑行业面临挑战。研究已在马来西亚建筑行业中的IBS玩家进行，涉及制造者、承包商、开发商、政策制定者和学术界。大多数的受访者。