THE DETERMINATION OF LABOUR PRODUCTIVITY OF SELECTED CONSTRUCTION OPERATIONS (*BRICKLAYING*) *OF HOUSING PROJECTS*

A project report presented in partial fullfilment of the requirements for the award of Advanced Diploma In Civil Engineering of MARA Institute of Technology.

By

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ABSTRACT

Productivity have been spoken widely today. Therefore, studies on this issue are conducted to help those who involved such as contractors.

So far, beside referring to JKR specification, contractor mostly made the estimation or decision were based on their experiences. Now it is more easier to make decision by referring to the research done previously.

Labour productivity is the relationship between labour input and work accomolished. It can also be express as

$$Productivity = \frac{Output}{Input}$$

This labour productivity gives a guideline to the contractors. It help in terms of planning and estimating the manhours, material,machines and equipements and project durations.

The needs of this research is that productivity can be measured and analyse the relationships of the various parameter such as Experience, Salary and Output.

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CHAPTER 1

1.0 INTRODUCTION

According to the project paper, 'Construction Productivity Measurement in Malaysia - Preliminary Analysis', written by Dr. Omar Osman, School of Housing, Building and Planning, USM, construction industry contributes about 4% - 6% to the Gross Domestic Product (GDP). It is an important contribution to the economics of this country. Therefore, it is emparative to enhance its productivity and examine the problems encountered.

Until recently, people have not focused so much attention to the construction industry's productivity. They were busy to develope their company and business. analysis to the productivity of the company. They also made their decision based on their experience.

Presently, when construction industry getting more advance, productivity has become a popular topic, especially to those involved in this field.