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**Parameters Contributing to Waste Generation at
Construction Sites at Putrajaya**

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of the requirement for the award of
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Abstract

Demanding of development and infrastructure in Malaysia result in the construction waste material been increase every year. Construction waste has a major impact to the environmental if there is no proper management of construction waste from point of waste generated until point of waste disposal. Thus, it is important to identify factors influencing construction waste generated on the construction site. The study aims to identify parameters contributing to the construction waste generation at Putrajaya. Methodology of the study are document review and questionnaires. A total of 21 respondents within Putrajaya were selected for this research. The findings of the study will assist in the formulation of appropriate policy interventions in addressing the construction waste study predicting the factors influencing waste on site. The study is determined the relative importance index (RII) of the parameters contributing waste generation at construction sites.

Keywords: affect, construction, generation, parameters, waste

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CHAPTER 1

Parameters Contributing to Waste Generation at Construction Sites at Putrajaya

1.1 Introduction

Nowadays, constructions project is one of the important sectors due to the demand of development of the country. As a result, the environment is being burden by construction waste. Construction waste is one of the problems that had been face by every developing and developed country. Due to the scenario, Since the previous two decades, there has been an increase in construction waste due to weak waste management procedures in construction project (Nagapan et al., 2012)

In Malaysia, the problems that had been face by government are the huge volume of construction waste generated by the construction sites. This is because every construction project for sure will produce a lot of construction waste. In addition, the attitudes and practices of contractors toward waste management vary depending on their size, which has an impact on waste management in Malaysia's construction industry (Begum et al., 2007).

The increase of the construction waste generated give a bad side effect to the environmental and the health of society. Construction wastes give bad impact to the environmental if the waste is not properly managed. Study shows that in year 2015, the average construction waste generated is 28.6 tons daily (Yahya, K., 2015)