CHAPTER 3

RESEARCH METHODOLOGY

3.1 INTRODUCTION

This chapter will elaborate the methods and procedures used to carry out in this study. The research method used in conducting this research comprised of literature review and followed by a questionnaire survey. The literature review was framed around issue of deserted construction project in construction industry. The questionnaire method had been selected to collect the latest primary data on causes and impacts on employing foreign labour and to identify and establish the ways to minimize the impacts. Thereafter, the data obtained from questionnaire survey will be analysed through quantitative and qualitative approach and the result to be discussed. Finally the conclusion and some recommendation shall be derived to help the readers to understand overall topic of the research.

3.2 OUTLINE OF THE RESEARCH METHODOLOGY PROCESS

Research generally starts with the research being interested in solving the particular problems through being better acquainted with the facts surrounding the
problems. Patrick and Maureen (1999) defined research is a process through which individuals seek solutions to problems or identify cause effect relationships between variables. Research literally means to ‘search again’, which suggest that part of process is to review problems from different perspective.

A methodology was developed to allow comparison of numerous contributing factors to take place so that reasons why some of those projects were constructed quickly than others could be better understood. Research methodology is the careful and systematic process in generating information that the researcher followed to find answers to problems of interest. The choice of research methodology is the difficult step in the research process. To conduct a systematically and thoroughly research, the research methodologies is based on the research process. The research process is a sequence of steps, which allow the researcher to create the structure and plan to investigate to problem selected for study. There are 6 specific steps that are highly interdependent in which decisions for later steps may affect or modify initial decisions for earlier steps.

The following section provided a useful general model (Figure 3.1) of a research process for basic and applied research.

Figure 3.1: Outline of the Research Process
3.3 FORMULATION OF THE RESEARCH PROBLEMS

3.3.1 Identification of Research Topic

The first step to start the research is to identify the research topic. The personal interest in construction management provides the starting point in identification of the research topic. Besides, the research ability and available resources should be taken into consideration to avoid waste of time due to overly ambitious research programmed.

3.3.2 Conducting an Exploratory Review

The purpose of conducting an exploratory review is to gather or tests and sharpens the preliminary ideas. As a result to narrow down a broad research topic into manageable problem besides examining whether these preliminary ideas have been researched. A secondary data search is necessary to have a reasonable idea of data availability for the chosen topic. For this purpose, some of the published records of other researcher’s or organizations starting from the relevant websites through internet have been referenced and only then using printed sources.

3.3.3 Conducting a Preliminary Literature Review

In attempt to search problems within the chosen research topic, a systematic