CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

There are a lot of definitions of effectiveness of project management in construction process. In general, effectiveness of project management in construction process can be defined as the project constructed within time scheduled and cost budgeted. It is also defined as a process that produced less or no construction waste with a good monitoring and controlling construction process. The term traditional work process can be literally understood as the common practice inherited from the long established custom of delivering the construction project based on fragmented work process. In general this practiced has dominated the industry with the separation of design and construction function. Traditional construction process always been related with ineffectiveness because it produced a lot of problems. Traditional construction process is always indicated as poor in management such as site management (resources and materials), quality management, communication management, waste management, and personnel management. Traditional construction process always been connected with the ineffectiveness in terms of project time. Traditional construction method generally adopted by past experience or project. Furthermore, there is no standard measurement in enhancing traditional construction process such as monitoring and controlling method for construction progress. Contractor used their past experience in predicting the project time. In reality, they faced a lot of problem in engaging the project and project time will be behind the schedule. It is very important to improve the effectiveness of project management in construction process. Generally, by enhancing the effectiveness in construction process, project time will be reduced, improved construction quality, eliminated waste and saved cost.
1.2 PROBLEMS STATEMENT

Many issues were raised in traditional construction process due to its effectiveness. People do aware about issue and problems in traditional construction process but do not try to address this issue. Traditional work process usually is associated with problem and limitation. A lot of implications that has been outline in his study such as project delay, redundant work and activities, poor management, and communication breakdown. They also related to abandoned projects. Current construction industry also was sometimes not achieved the expectation of end user and costumer. Problems of delay and low quality project seem to be happened in construction project. A serious actions need to be taken but there is no indicator can be measure towards the effectiveness of construction project. Many new strategies and method were introduced to the industry but the practicality of the strategies still cannot be assured.

1.3 OBJECTIVE

Below are the objectives of this study:

- To review the need to improve the effectiveness of project management in construction process.
- To define the method used currently by to improve the effectiveness of project management in construction process.
- To determine strategies to improved effectiveness of project management in construction process.

1.4 SCOPE OF STUDY

The scope of this study was focused on the process of construction project in area Kelantan. It is limited on the construction stage/phase and time factor. Data analysed were from the project manager, engineer and other construction player involved directly in construction process.
CHAPTER 2

LITERATURE REVIEW

2.1 INTRODUCTION

Construction processes include several activities. Construction processes are mapped onto the different construction stages that include feasibility and strategy, preconstruction planning and design, construction and completion and maintenance. Construction is a process that consists of the building or assembling of infrastructure. However, current construction process faced a lot of problems and ineffectiveness. This chapter elaborated the limitations and problems that associated with current construction practice.

2.2 TRADITIONAL CONSTRUCTION PROCESS

Basically traditional construction process is a task or activity that viewed from only one perspective (generally time). It is useful in a restricted way and whereby conditions are stable, repetitive, predictable and certain. It is said not dependent on teamwork as the design and construction are separated. No integration between these two teams.

Traditional construction is part of the informal sector of the building industry, largely carried out without professional involvement by builders working with a vernacular that they have learned through some form of apprenticeship. While construction methods vary across the world all share some simple characteristics. They make use of local materials, had to evolve to cope with local conditions and said to be robust.