

CHAPTER 1 : RESEARCH PROPOSAL

1 INTRODUCTION

- 1.1 Transmission & Distribution Projects Division of Tenaga Nasional Berhad (TNB), formed in January 1997 through the integration of two departments, Transmission Projects Department and Distribution Projects Department, is responsible in the engineering, design, project management and construction of TNB transmission and distribution projects. The implementation of these projects, construction of substations, overhead lines and underground or submarine cables rated from 22kV to 500kV, involve substantial project planning and control.
- 1.2 Project Planning and Control or Project Management can be defined as the planning, organising, directing and controlling of company resources (people, equipment, material) for a relatively short-term objective that has been established to complete specific goals and objectives.
- 1.3 Successful project management can be defined as having achieved the project objectives ; within time, within cost and at the desired performance/technology level while utilising the assigned resources effectively and efficiently.

2 OBJECTIVES OF THE STUDY

The study will be conducted on Transmission & Distribution Projects Division, TNB, with the following objectives :-

- To identify the operations involve in the project implementation
- To identify the planning and control techniques of project management

- To determine the main problems involved in project management
- To review the current project management practices
- To propose/specify feasible solutions/techniques to improve effectiveness of the present management practices

3 SCOPE OF STUDY

- 3.1 The study will focus on the current practices of the Transmission & Distribution Projects Division in management of the projects. These practices will be identified and reviewed to develop a more effective management system, for the benefit of the department, and also Tenaga Nasional Berhad as a whole.

4 METHODOLOGY OF STUDY

- 4.1 Based on the above objectives, the study will be conducted as a case study approach, supported by secondary data to be collected from unpublished sources, which include Tenaga Nasional Berhad company data and other sources.