

# 1 TECHNICAL ENGINEER

## i) JOB IDENTIFICATION

- a) Position Title : Technical Engineer
- b) Major Group : Architectural and Engineering Services Group
- c) Sub-Group : Engineering Services
- d) Position Level : P4
- e) Title of First Level Supervisor: Chief, L&TD

## ii) PURPOSE, DUTIES, AND RESPONSIBILITIES: *(Describe the main duties and responsibilities, indicating what is done and how it is done. The purpose should be a short statement linking the position to the mission and goals of the organization and specifying the outputs of the position. Duties should be presented in decreasing order of relative importance)*

**Purpose:** The purpose of this position is to assist in the development of technical regulations, standards, and codes for construction, operation, and maintenance of generation, transmission, and distribution facilities, supply, and sale of electricity.

## iii) DUTIES AND RESPONSIBILITIES

- Assist in developing technical regulations, standards, codes, principles, and safety requirements for activities related to construction, operation, and maintenance of generation, transmission and distribution facilities, supply and sale of electricity;
- Assist in framing regulations related to power system operation for ensuring power reliability, power quality, and efficiency of electricity supply;
- Assist in conducting research-related activities for amendment of regulations, standards, codes, principles, and procedures related to construction, operation, and maintenance of generation, transmission and distribution facilities, system operation, supply and sale of electricity; and
- Assist in setting standards related to reliability, quality, and efficiency of electricity supply services.

## iv) KNOWLEDGE AND SKILLS REQUIREMENTS *(Minimum requirement for performance of work described – Level of Education, Knowledge, Skill, and Ability):*

- a) Education: Minimum of Bachelors in Engineering.
- b) Training: Nil
- c) Length and type of practical Experience Required: Not Required.
- d) Knowledge of language(s) and other specialized requirements: Proficiency in spoken and written skills in Dzongkha and English languages.

- v) **COMPLEXITY OF WORK** *(The nature, number, and intricacy of tasks, steps, processes, or methods involved in work; difficulty and originality involved in work):*

The duties involve assisting in different processes and methods that are applied in the formulation and the implementation of technical projects and other electricity-related activities. At this level, the incumbents are expected to develop multi-faceted expertise in areas of engineering, finance, economics, and legal affairs for developments of electricity regulations, codes, standards, etc. for power system operation and conducting electricity businesses. The job also involves assisting in organizing frequent harmonization, collaboration, and engagement within the organization and other relevant stakeholders as a part of providing the regulatory decisions.

- vi) **SCOPE AND EFFECT OF WORK** *(Describe the purpose, breadth of work performance, and the effect the work has on the work of others or the functions of the organization):*

Assist in carrying out study, analysis, and providing recommendations through research and practical experience in the process of developments of electricity regulations, codes, standards', etc. for power system operation and management and in conducting electricity relates businesses. The developments of electricity regulations, codes, standards, etc. will facilitate the project developers and operators to carry out the project up to the required performance standards in the country.

- vii) **WORK RELATIONSHIP** *(Indicate the frequency, nature, and purpose of contacts with others within and outside the assigned organization other than contacts with superiors):*

Depending on the scale and complexity of the project, the incumbent can work either independently or as part of a larger team under constant supervision. Frequent communication and coordination will be required to be carried out within the organization, with the licensees and other stakeholders involved in the project outside the organization.

- viii) **JOB ENVIRONMENT** *(Describe physical exertion required, such as walking, standing, lifting heavy objects, etc., and/or any risks or discomforts such as exposure to chemicals, climbing to heights, extreme weather conditions, or other severe discomforts):*

The incumbent is expected to assist in conducting a study, research, and analysis in the process of developments of regulations, codes, standards, etc. As a part of the job, the incumbent will also be required to visit the construction sites of power projects and other power infrastructures. In this regard, physical exertion and a difficult working environment may occur when projects are situated in remote areas, not accessible by vehicles. During the visit to the construction site and other power infrastructure, it may pose a health risk in terms of accidents, exposer to fine dust particles and smoke emission, unsafe noise levels, and falling objects.

- ix) **PAY AND ALLOWANCE:** Basic salary of 25,220-505-32,795 plus Regulatory Allowance of 20% and House allowance of Nu. 5,045/-. Other allowances, if any, in the

future will be as per the Bhutan Electricity Authority (BEA) Services Rules and Regulations.