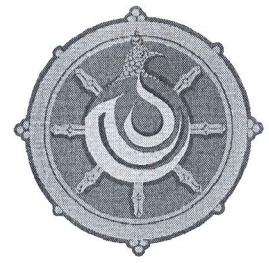




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Bhutan Power Corporation Limited
(An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company)
Registered Office, Thimphu
Corporate Services Department
Support Services Division
Thimphu: Bhutan



BPC/SSD/HRMS-22/2023/1170

8th May 2023

Internal Vacancy for Manager, Smart Grid Section

Support Services Division is pleased to announce the internal vacancy for the post of Manager, Smart Grid Section (SGS). The details of the post are as follows:

The Manager, SGS shall report to the Director, Distribution Department. The SGS is largely responsible for planning, overseeing, and leading all smart grid projects identified in the Smart Grid Master Plan 2019 (SGMP 2019) from ideation through to completion, and requiring interaction with a range of internal and external stakeholders, most often managing several moving project parts simultaneously to modernize BPC's distribution grid. The Manager, Smart Grid Section shall report to the Director, Distribution Department, and shall be responsible for the following:

I. Duties and Responsibilities:

- 1) Implementation/deployment of Distribution Smart Grid system in line with Smart Grid Road Map 2019 (and revisions thereof) of BPC.
- 2) Identify the best fit for smart technology and work in close consultation and coordination with DD and the Corporate Strategy Division on the system plan, architecture, and standardization of the smart technologies.
- 3) Identify the areas for new technology adoption and, upgradation of existing technology.
- 4) Define and document technical project scope, goals, and deliverables that support BPC's smart grid goals in consultation/collaboration with Department & Division(s) and other stakeholders for purchase only or turnkey project packages.
- 5) Develop project management strategy, and estimate the resources and participants needed to achieve project goals.
- 6) Manage the project schedule, cost, scope, and quality of the deliverables.
- 7) Form a technical team to execute all projects under the SGMP 2019 and develop a Center of Excellence (CoE) in the control and protection system.
- 8) Execute, commission, and hand over the turnkey projects to the respective ESDs after their full completion.
- 9) Coordinate and assist all relevant offices/ESDs for proper installation and commissioning of the equipment and for performing benefit/utility analysis post-I&C.
- 10) Assist and provide capacity building and technical backstopping to all ESDs for all smart grid equipment installed for proper operation and control.
- 11) Explore and integrate Distributed Energy Resources (DERs) like solar, wind, mini/micro hydel etc. into the distribution system for full remote monitoring and control.
- 12) Lead in leveraging new technology for reliability improvement, loss reduction, power quality improvement, and cost reduction for overall system efficiency improvement in the operation of the distribution system.
- 13) Risk identification and management/mitigation for all new smart technologies and incorporate contingency plans.
- 14) Institute technology auditing system for optimum utilization of smart technologies inducted into the distribution system.

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