

TERMS OF REFERENCE (Network Engineer)

Position: Network Engineer

No. of Slot: 2

Placement: Thimphu

Introduction:

The purpose of this document is to outline the terms of reference for the recruitment of a Network Engineer for Bhutan Telecom Limited. The Network Engineer will be responsible for designing, implementing, maintaining, and supporting the internet network infrastructure.

2. Position Overview:

The Network Engineer will report to the network Engineering Section Manager and collaborate with cross-functional teams to ensure the smooth operation of the network infrastructure. He/she will be responsible for troubleshooting network issues, optimizing network performance, and implementing security measures.

3. Key Responsibilities:

- Design, implement, and maintain the network infrastructure, including LAN, WAN, wireless networks, ISP core and ISP access networks.
- Configure and manage networking equipment, such as routers, switches, firewalls, POP gateways, ISP core network, ISP access network, IP transit network and International Private Leased circuits.
- Monitor network performance and troubleshoot network issues to ensure maximum uptime.
- Implement and maintain network security measures, including firewalls, VPNs, and intrusion detection systems.
- Collaborate with cross-functional teams to ensure network requirements are met for new projects and system enhancements of E clients.
- Conduct network capacity planning and recommend upgrades or expansions as needed.
- Document network configurations, procedures, and troubleshooting steps.
- Stay up-to-date with industry trends and best practices in network engineering.

4. Qualifications and Experience:

- Bachelor's degree in Computer Science, Information Technology, Electronics & Communication Engineering, Electrical & Electronics Engineering, Electrical Engineering, Telecommunication & Systems Engineering or related fields.
- Strong knowledge of networking protocols, including TCP/IP, DNS, DHCP, and VPN.

- Knowledge or skills or understanding of network equipment from vendors such as Cisco, Juniper, etc
- Familiarity with network monitoring tools and network management systems.
- Understanding of network security principles and best practices.
- Excellent problem-solving and analytical skills.
- Strong communication and interpersonal skills.

Education:

- Bachelor's degree in Computer Science, Information Technology, Electronics & Communication Engineering, Electrical & Electronics Engineering, Electrical Engineering, Telecommunication & Systems Engineering or related fields.
- Minimum 60 % in X & XII

Remuneration:

- Grade/ Cadre: A1
 - Pay Scale: 27,300-685-41,000
 - Allowance: Corporate Allowance 20%
- (Or)**
- Grade/Cadre: A2
 - Pay Scale: 30,985 – 775 – 46,485
 - Allowance: Corporate Allowance 20%