ERNET India
(An Autonomous Society under Ministry of Electronics & Information Technology, GoI)
5th Floor, Block I, "A" Wing,
DMRC Building, IT Park, Shastri Park, Delhi – 110053.

ERNET India invites applications to fill up the following post on contract basis as per details mentioned below:-

(A) Post : Network Engineer (Project Manager Level 02)

No. of Post	01
Maximum Remuneration	Rs. 75,000/-
Maximum Age	63 Years
Job Posting	Delhi
Project	ICT and Data Center Setup project
Duration	Initially for a period of one year further extendable as per requirement

Essential Qualification: Full time B.Tech/BE/MCA/M.Sc or equivalent degree in relevant discipline (*)

Work experience: Atleast 06 years in the relevant filed **post qualification in case of B.Tech/BE/MCA/MSc or equivalent or minimum 04 years of experience in the relevant filed ** post qualification in case of M.Tech/M.E or equivalent.

* Relevant Discipline (Educational Qualification):- Electronics/ Information Technology/Electronics and Communication/ Tele Communication / Computer Science/Computer Application

Relevant Field of Experience for Network Engineer (Project Manager Level 02): - Networking, Hands-on experience of **at least 2 years in any data centre environment in Networking/Network security, **3+ years' experience in designing, implementing**, and supporting complex network solutions.

JOB Description- The roles and responsibilities shall be in any combination of the below mentioned activities:
- Management of all security devices such as firewalls, IDS/IPS, AAA, Network Access Control (NAC) solution, Network Security Policy Manager (NSPM), Enterprise Proxy solution, Network Sandboxing, DDOS solution, load balances etc. their configuration, including implementation of security policies and rules in accordance with the change management process
- Designing highly optimised network architecture using standard and industry best practices as per the ERNET's requirements,
- Analysis of network at regular intervals from network capacity and recommend capacity augmentation and device upgradation etc.,
- Assisting ERNET's network design team while designing an architecture for new network such that all best practices are in place from day one,
- Interactions with various application owners and TAC teams of several OEMs while handling network incidents,

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- Responding to emergency critical network issues for quick resolution round the clock (whenever required),
- Analysis of critical network issues and events and their resolution. Preparation of Root Cause Analysis (RCA) report with recommendation to prevent recurrences of such incidents and implementation of recommendations so made,
- Ensuring compliance of ERNET's policies including analysis, recommendation and implementation if any,
- Management of all network devices such as routers, switches, load balancers, SDN solution, SDWAN solution etc. including network OS upgradation, application of security patches, migration of network devices from one platform to other, replacement of end-of-life devices and troubleshooting,
- Management of IP address allocation using specialised tools such IPAM (IP Address Management Solutions),
- Providing consultancy services for adoption of new technologies in the market in the form of a formal document.
- Conducting Proof of Concept (PoC) for new and emerging network technologies (such as Software Defined Network etc.) and recommendation in the form of PoC report,
- Analysis of device logs and correlation with the logs of other devises and submission of structured report in the format prescribed by the ERNET,
- Provisioning of information sought by the auditors by masking sensitive details/ data. Timely closure of observations made by auditors (internal or external).
- Preparation of technical specifications of Network devices / solutions proposed to be procured by the ERNET and providing responses to technical queries,
- Documentation and updation of network architecture/ segments for domestic and foreign offices of the ERNET, all the time including inventory of network devices,
- Staying up-to-date with latest technologies, acquiring the skills required to securely and efficiently manage ERNET's network infrastructure and providing technical training (including hands-on sessions) to other
- Handson Knowledge of creating and management of IPSEC VPNs and troubleshooting of VPNs in case of problem.

Skills:
- Strong understanding of network systems, including: Routing, Switching, Wireless, VPN, Load Balancing, Firewalls, SDWAN, WAN Optimization, Policy-based routing, Virtual route forwarding, Virtual device contexts, Datacenter technologies, Disaster Recovery, Scripting, MPLS, DNS, IP Address Management, and NTP
- Extensive experience supporting and implementing IP networks and technologies with high availability
- Familiarity with SaaS and cloud-based solutions and features in comparison to similar on-prem services
- Familiarity with infrastructure facilities, including: cabling standards, patching, floor plans, and power
- Working knowledge of data circuits, including: MPLS, DIA, and P2P
- Ability to develop and understand SOWs, BoMs, runbooks, platform summaries, and architecture diagrams
- Capable of developing budgets, tracking costs, providing forecasts, and performing financial analysis on projects
- General understanding of infrastructure systems and their interdependencies
- Cisco CCNA Security, 2. JNCIA-SEC 3. JNCIS-SEC

2.   Eligible candidates interested to appear in interview should forward their CV / Bio data along with the details as per format provided at Annexure -I and self attested certificates in proof of education / experience / age / caste etc. through email at recruitment@ernet.in by 2 PM on 30.09.2022
(Shortlisted candidate will be informed by return email indicating tentative date, time & venue details to attend the interview)

Levels of Shortlisting:
Level 1: Initial shortlisting of candidate will be done based on their submitted documents.
Level 2: Upon shortlisting of candidate, final selection of candidate will be assessed based on his performed via face to face interview at ERNET India's office in Delhi. ERNET India will communicate the date and time of interview to the shortlisted candidates.

3. The appointment against the above mentioned positions shall be purely on contract basis on above mentioned pay for fixed duration and against specific approved projects.

4. Upon selection of candidate, the candidates would be appointed initially for a period of one year, which may be extended up-to a maximum of project duration (Not exceeding three years) and or curtailed based on the performance and requirement of the project. Further, incumbents so engaged under a particular project can be transferred to another project during or on completion of the project in which he/she originally deployed, in the organizational interest.

5. Candidates presently working in Government/Semi Government/Public Sector undertaking /Autonomous Body are required to submit a "No Objection Certificate" from their present employer at the time of interview/test etc. if called for, failing which they will not be permitted to attend the interview.

6. The date of determining the upper age limit, Qualification and/ or experience shall be date of interview. Person below the age of 18 years are not eligible for consideration of selection.

7. Experience means post qualification and it will be counted after attaining minimum qualification as prescribed above.

8. Essential qualification as prescribed above should be full time regular course (s) from AICTE/UGC approved/recognized university /Deemed university/institutes.

9. Monthly remuneration will be subdivided/bifurcated as per applicable finance norms of ERNET India.

10 In addition to the monthly remuneration selected candidates will also be entitled for meal coupons, medical facility (as per applicable rules), annual increments (based on your performance in the previous 12 months) @5% for first year and 7.5% for second year, conveyance allowance @ Rs.1500/- per month and maternity leave (female employees) maximum period of 26 weeks also be entitled for 2.5 days leave per month in addition to 9 casual leaves in a calendar year as per rule.

11. Reservation and relaxation as admissible for SC/ST/OBC/EWS/ will applicable as per the Govt of India norms, as applicable of ERNET India.

12 Candidates belonging to reserved categories should produce the certificate at the time of written test/skill test /interview etc. If called for, issued by competent authority in the prescribed format as stipulated by Government of India. falling which such candidates will not be allowed to attend the interview /selection test against reserved posts and will not be allowed to claim the relaxation application in case of reserved categories.

13. In case of candidates belonging to OBC categories, certificate should specifically contain the clause that the candidate does not belong to creamy layer section.

14. Upon Selection of the candidate, the candidate has to submit medical examination report and police clearance certificate from the concerned authorities. Candidate also has to submit undertaking to the extent that nothing adverse to your C&A has been contemplated or pending in any Government Department/Police station/Courts/Legal Bodies etc. Undertaking/Certificate as submitted by the incumbent may be verified by ERNET India if required and in case any adverse report is received against the submitted undertaking/certificate, his/her service shall be terminated forthwith without assessing any reason/notice.

15. Upon Selection of the candidate, the candidate initially appointed at ERNET India, HQ Delhi. However, during the tenure in the organization he/she may be posted/shifted to any of the offices/project/Divisions/Department of ERNET India for long period as per work requirement without any additional remuneration.

16. ERNET India reserves the right to relax/modify/any criteria of eligibility regarding age/qualification/Experience or any other relevant parameters if candidate is found otherwise suitable.

17. Canvassing in any manner and bringing outside influence shall make the candidate liable for rejection.

18. NO TA/DA shall be payable for attending the Interview.

Arun Kumar Singh
Registrar & Director –P&A