TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED

(A Government of India Enterprise)

ANNEXURE-2

Advt No. TCIL/ ITTIV/54/2025/03 Dated: 02.11.2026

Advertisement for the post(s) for Manpower/Resource requirements for National Internet Exchange of India (NIXI) Project on Contract Basis

Telecommunications Consultants India Ltd. (TCIL) is an engineering and consultancy Govt. of India Undertaking established in 1978 under the administrative control of the Department of Telecommunications (DOT), Ministry of Communications, Government of India. TCIL is a CMMI Level 5, ISO 9001:2015, 20000-1:2018, 27001:2022 and 14001:2015, 22301:2012, ISO 45001:2018 certified profit-making organization since its inception.

TCIL has more than four decades of international experience in the fields of telecommunications and information technology & also continuously deploying new technologies in the fields of Telecom Software, Switching and Transmission Systems, Cellular Services, Rural Telecommunications, Optical Fiber based Backbone Transmission Systems etc. TCIL has diversified its operation and has been executing turnkey projects of Power Transmission, Rural Roads and Civil Construction. TCIL has been executing projects in latest technologies like FTTH, VOIP, IPTV,4G/5G, Radio Communication, etc.

I. TCIL requires qualified and experienced candidate for the following post on **Contract basis for NIXI Project:**

A. Name of Post **System Administrator / Network Administrator**

No of Post	01
Place of Posting	Bangalore
Remuneration per month fixed Consolidated	Rs. 50,000/- (Consolidated) (no any other allowances applicable)
Essential Qualification	B.Tech (CS/IT/EC)/MCA/MSC (IT/CS/EC) from any recognized University/Institute. All the qualifications as given above should be full time in nature
Experience requirement	Minimum 5+ years of hands-on technical experience in system / network administration, troubleshooting, switching, and routing relevant experience in system administration / Network Administration in an organization for general domain system administration with user accounts management, network administration, security administration, web-server and database administration etc.

Desirable Qualification	• CCNA/CCNP • Strong understanding of computer network infrastructure, LAN, and WAN administration. • Experience with network security, firewall management, and VPN implementations. • Proven ability to implement, administer, and troubleshoot
	network infrastructure devices such as routers, switches, and firewalls. • In-depth knowledge of network infrastructure protocols (TCP/IP, DNS, DHCP, BGP, MPLS, VLANs, and QoS). • Experience with network monitoring tools and performance optimization. • Ability to analyze network issues, visualize solutions, and resolve problems efficiently. • Hands-on experience with common industry frameworks and troubleshooting methodologies. • Ability to create network diagrams and documentation for design and planning. • Ability to work with all levels of IT staff and external vendors. • Effective problem-solving skills, adaptability, and a strong safety record in network operations.

Job Description	• The System Administrator is tasked with managing and modifying server systems and network infrastructure in alignment with user requirements or technological advancements. • While assigning access segregation of duty to be maintained. • Uphold operational integrity and minimize risks. • Conduct regular patch update • Monitor Syslog and incidents. • Monitor network performance, availability, and security to ensure optimal functionality. • Troubleshoot and resolve network connectivity issues across LAN, WAN, and wireless networks. • Respond to and manage incoming support tickets, escalating issues as necessary. • Manage firewall configurations, security profiles, IPsec VPNs, and intrusion prevention measures. • Configure, maintain and troubleshoot routers, switches, and firewalls (Cisco, SonicWall, Juniper SRX, Palo Alto). • Provide technical support to internal teams and external clients via email, chat, and phone in a 24/7 environment. • Ensure compliance with SLAs by addressing incidents and outages promptly. • Conduct network audits and apply necessary patches, updates, and firmware upgrades. • Maintain and optimize network monitoring tools to proactively detect and address performance bottlenecks.
	• Implement and refine security measures, including access controls and endpoint protection. • Analyze and troubleshoot network logs to detect potential threats and performance
Maximum Age as on date of advertisement.	40 Years

B. Name of Post **System Security Officer**

No of Post	01
Place of Posting	Bangalore
Remuneration per month fixed Consolidated	Rs. 70,000/- per month (Consolidated) (no any other allowances applicable)
Minimum Qualification	B.Tech (CS/IT/EC)/ MCA/ MSC (IT/CS/EC) from any recognized University/Institute. All the qualifications as given above should be full time in nature
Experience requirement	Minimum 5 years relevant experience in respective area
Desirable Qualification	• Certificated as CEH,CISA,CISM,CISSP, ISO 27001 • Experience in building and maintaining security systems • Detailed technical knowledge of database and operating system security • Hands-on experience in security systems including firewalls, intrusion detection systems, anti-virus software, authentication systems, log management, and content filtering • Thorough understanding of the latest security principles, techniques, and protocols • Familiarity with web-related technologies and network/web related protocols • Problem-solving skills and ability to work under pressure • Strong attention to detail • Strong time management skills
Maximum Age as on date of advertisement.	40 Years
Job Description	• Identify and define system security requirements • Maintain all hardware and software in relation to security • Monitor types and techniques of hacking attacks • Engineer, implement, and monitor security measures for the protection of computer systems, networks, and information • Prepare and document standard operating procedures and protocols • Configure and troubleshoot security infrastructure devices • Test and identify network and system vulnerabilities • Conduct proactive research to analyze security weaknesses and recommend appropriate strategies • Write comprehensive reports including assessment-based findings, outcomes, and propositions for further security enhancements • Liaise with vendors to implement security solutions.

C. Public Key Infrastructure(PKI) Administrator

Name of Post	Public Key Infrastructure(PKI) Administrator
Place of Posting	Noida
No of Post	01
Consolidated Emoluments including employee and employer share for PF, ESI, bonus, insurance, security etc. and all other applicable components:	Consolidated Salary Rs. 70,000/- per month (no any other allowances applicable)
Minimum Qualification	B.Tech (in CS/IT/EC)/MCA/ MSC(IT/CS/EC). Note: Regular degrees must be from the recognized university/Central or State Govt. institutions/U.G.C. Affiliated Institution/AICTE approved institution.
Experience requirement	• Minimum At Least five (5) years of experience with public key infrastructure (PKI).
Desirable Qualification	• Must understand the requirements set forth in the WebTrust audit criteria • Solid experience in enterprise information security • Certificate Authority Administration experience • Proficient or generally knowledgeable about PKI, PKI services, and PKI concepts • Experience with PrimeKey EJBCA or Active Directory Certificate Services (ADCS) • Excellent understanding and experience with routing, switching, load balancing, web application firewalls, network protocols, and network security • Windows Server 2019 and above and Windows 10 and above , Linux server and latest version • Understanding of Microsoft Active Directory, LDAP, WSUS, group policies, and DNS • Proficient with Cloud technologies
Maximum Age as on date of advertisement.	40 Years
Job Description	• Manage the PKI Certificate Authority software using PrimeKey – EJBCA

	• Certificate Enrollment Web Service & Policy Web Service • Track and provide management for ongoing Information Security initiatives • Work directly with clients to understand requirements and implement the correct level of security as needed • Analyze security data and produce regular reports containing system security status • Assist with system security risk assessments/penetration tests to identify weaknesses, scan for vulnerabilities, recommend and prioritize remediation actions. • Establish security best practices/ upgrades and is responsible for the overall health of PKI Infrastructure • Work with the infrastructure team to implement the right security policies with the servers, laptops, desktops, storage appliances, virtualization platforms, and network devices • Stay on top of industry trends and new technologies to help guide direction and service improvements • Attend industry events representing our organization on key votes and industry shaping meetings

D: Name of Post **Certifying Authority(CA) Administrator**

No of Post	01
Place of Posting	Noida
Remuneration per month fixed Consolidated	Rs. 70,000/- per month (Consolidated) (no any other allowances applicable)
Minimum Qualification	B.Tech (CS/IT/EC) /MCA/MSC (IT/CS/EC) from any recognized University/Institute. All the qualifications as given above should be full time in nature
Experience requirement	Minimum 5 years relevant experience in respective area

Desirable Qualification	• In-depth knowledge and practical experience with Public Key Infrastructure (PKI) principles, including certificate hierarchies, certificate policies, and certificate revocation lists • Previous experience in a senior engineering or leadership role within cyber security or information security • Proven experience in designing, implementing, and managing Certificate Authority systems, overseeing the issuance, renewal, and revocation of digital certificates • Extensive experience in managing cryptographic key lifecycles, including key generation, distribution, rotation, and secure retirement • Proven ability to conduct risk assessments related to CA systems and cryptographic infrastructure, identifying

	vulnerabilities and proposing mitigation strategies • Hands-on experience in developing and implementing incident response plans for security incidents involving digital certificates and cryptographic keys
Maximum Age as on date of advertisement.	40 Years
Job Description	• Issue, renew, and revoke certificates as needed. • Ensure the CA is operating correctly and securely. • Track certificate requests, issues, and revocations. • Process and fulfill certificate requests in a timely manner. • Identify and resolve problems with the CA and certificates. • Ensure that all CA activities are well-documented. • Keep abreast of the latest developments in PKI and security. • Work with other IT teams to ensure the smooth operation of the CA and certificates.

E. Name of Post **Resident Engineer**

No of Post	01
Place of Posting	Bangalore
Remuneration per month fixed Consolidated	Rs. 33,000/- per month (Consolidated) (no any other allowances applicable)
Essential Qualification	B.Tech (CS/IT/EC)/ MCA/ MSC(IT/CS/EC) from any recognized University/Institute. All the qualifications as given above should be full time in nature
Experience requirement	Minimum 3+ years of hands-on technical experience in network administration, troubleshooting, switching, and routing relevant experience in system administration / Network Administration in an organization for general domain system administration with user accounts management, network administration, security administration, web-server and database administration etc.

Desirable Qualification	• CCNA/CCNP • Strong understanding of computer network infrastructure, LAN, and WAN administration. • Experience with network security, firewall management, and VPN implementations. • Proven ability to implement, administer, and troubleshoot network infrastructure devices such as routers, switches, and firewalls. • In-depth knowledge of network infrastructure protocols (TCP/IP, DNS, DHCP, BGP, MPLS, VLANs, and QoS).

	• Experience with network monitoring tools and performance optimization. • Ability to analyze network issues, visualize solutions, and resolve problems efficiently. • Hands-on experience with common industry frameworks and troubleshooting methodologies. • Ability to create network diagrams and documentation for design and planning. • Ability to work with all levels of IT staff and external vendors. • Effective problem-solving skills, adaptability, and a strong safety record in network operations.
Job Description	• Monitor network performance, availability, and security to ensure optimal functionality. • Troubleshoot and resolve network connectivity issues across LAN, WAN, and wireless networks. • Respond to and manage incoming support tickets, escalating issues as necessary. • Manage firewall configurations, security profiles, IPsec VPNs, and intrusion prevention measures. • Configure, maintain and troubleshoot routers, switches, and firewalls (Cisco, SonicWall, Juniper SRX, Palo Alto). • Provide technical support to internal teams and external clients via email, chat, and phone in a 24/7 environment. • Ensure compliance with SLAs by addressing incidents and outages promptly. • Conduct network audits and apply necessary patches, updates, and firmware upgrades. • Maintain and optimize network monitoring tools to proactively detect and address performance bottlenecks. • Implement and refine security measures, including access controls and endpoint protection. • Analyze and troubleshoot network logs to detect potential threats and performance
Maximum Age as on date of advertisement.	40 Years

II. Contract Period:

i. The hired employee will be deployed for a minimum period of 3 years and on satisfactory performance the duration will be extended for further 2 years as specified by the Principal Employer / User Department.
ii. Upon selection, candidate shall sign an Contract agreement with TCIL (with detailed terms and conditions) to bring the recruitment into effect.
iii. The contractual employee shall not claim any appointment in TCIL or NIXI during or after the contract period.
iv. The engagement of contractual employee is temporary in nature and shall not entitle that employee to seek regularization of his services and/or to seek parity in emoluments as being paid by TCIL to its regular or other contractual employees.
v. The contract may be terminated by giving one month's notice.

III. Necessary Instructions:

1. Experience in the relevant field shall be calculated from the date of attaining the minimum essential qualification(s). The posts advertised are meant for different locations in India.
2. The details filled by the candidate at the time of application form shall be final. While applying the candidates should enter his name as it appears in the SSC/Matriculation Certificate. Further, request for change of Mailing Address/email ID/Posts as declared in the application shall not be entertained.
3. Candidates should possess a valid email ID. Candidates are advised to keep the email ID (to be entered compulsorily in the application form) active for at least one year. No change in the email ID will be allowed once entered. All correspondence with candidates shall be done through email only. All information/ communication regarding participating in the Selection Process shall be provided through email to the candidates found apparently eligible based on the application data and documents submitted. TCIL will not be responsible for bouncing back/any loss of email sent, due to invalid/ wrong email ID provided by the candidate and no correspondence in this regard shall be entertained.
4. Mode of selection will be interview. TCIL reserves the r i g h t to modify the selection procedure, if deemed fit.(Venue shall be intimated separately to the shortlisted candidates).
5. TCIL reserves the right to increase /decrease the number of vacancies and cancel the recruitment process at any stage. TCIL reserves the right to shortlist applicants for interview and not bound to call all candidates meeting eligibility criteria.
6. Any revision, clarification, addendum, corrigendum, time extension, etc. to the above advertisement will be hosted on "Careers" section of TCIL website (www.tcil.net.in) only and no separate notification shall be issued in any other media. Candidates are requested to visit the website regularly to keep themselves updated.

7. Only those who meet the prescribed eligibility criteria need apply. If at any stage, it is found that the candidate does not meet the prescribed eligibility criteria, he/she will be disqualified.
8. Before applying, the candidate should ensure he/she fulfills the eligibility criteria and other norms mentioned in the advertisement.
9. The decision of TCIL in all matters would be final and binding, and no correspondence in this regard would be entertained.
10. Incomplete/unsigned applications and applications received after the last date of receipt will not be entertained and the application form in the prescribed format without the self-attested copies of all relevant certificates ie Educational/Professional Qualifications, Date of Birth, proof of CTC/ Salary, candidates shall have to submit relevant Form 16/ pay certificate /certified salary slip &Work Experience (s) will liable to be rejected. TCIL does not bear any responsibility for any delay in post/courier for any reason whatsoever.
11. Name of the post applied for should invariably be mentioned on the top of the envelope containing the application form.
12. No TA/DA will be paid for attending the interview/ joining the duty on selection.
13. Management reserves the right to cancel / restrict / enlarge / modify/ alter the recruitment /selection process at any stage, without issuing any further notice or assigning any reason thereafter.
14. The annual increment shall be applicable based on the satisfactory performance of candidates.
15. The posts advertised are meant for different locations in India.
16. Interested candidates should send their applications in the prescribed format only in offline mode addressed to “ED (CS&DC) Room No. 301, Telecommunications Consultants India Ltd., TCIL Bhawan, Greater Kailash –I, New Delhi – 110048” up to the last date of receipt of applications.
17. The last date of submission of Application is within 14 days from date of advertisement.