![MICTSETA logo] **MICTSETA** | Media, Information And Communication Technologies Sector Education And Training Authority

SHAPING SKILLS, PIONEERING INDUSTRIES, EMPOWERING FUTURES

INTERNAL / EXTERNAL ADVERTISEMENT

DIVISION: INFORMATION AND COMMUNICATIONS TECHNOLOGY
18 February 2021

REFERENCE NUMBER	POSITION: PERMANENT	NUMBER OF VACANCIES AVAILABLE
ICT: 08/2021	**NETWORK ENGINEER** **ALL INCLUSIVE REMUNERATION: TCTC: (PER ANNUM)** **R376 530.00 – R564 794.00**	1

ERRATUM
This serves to place an erratum on the Network Engineer advert as contained herein.

Applicants should kindly note that the purpose of the erratum is to correct the salary range to include the position entry annual CTC as thus, **R376 530.00** to **R564 794.00** and further extend the closing date to **03 March 2021.**

MICT SETA seeks to employ a suitably qualified and **Network Engineer,** this role is responsible for the on-going design, installation, maintenance and connectivity of MICT SETAs network infrastructure to ensure maximum performance to users. This includes developing, configuring, maintaining, supporting, and optimising all new and existing network hardware, software, and communication links.

The successful incumbent will be based at our Midrand office and report to the **Information and Communications Technology Manager.**

This is a permanent position aligned to the Government Gazette No. 375 dated March 2019.

MINIMUM REQUIREMENTS:

- National Diploma in Information Technology / Information Systems or equivalent
- A bachelor's degree in Computer Science will be advantageous
- A minimum of 3 years' experience in Information Technology and Network Engineering
- Cisco Certified Network Professional (CCNP Certification) or relevant ITIL Foundation certificate
- Cisco Certified Nexus Courses will be advantageous
- Extensive knowledge on Network planning, design, implementation, maintenance and support (WAN, WWAN, LAN and WLAN)
- Extensive knowledge and understanding of networking protocols (IPSEC, HSRP, BGP, OSPF and QoS)
- Experience in VoIP technologies

Board Members: Simphiwe Thobela (Chairperson), Mdu Zakwe (CEO), Lesiba Langa, Loyiso Tyira, Mack Mamorobela, Marilyn Radebe, Morwesi Ramonyai, Ntombikayise Khumalo, Portia Mngomezulu, Sipho Zwane, Solomon Xaba, Thabisa Faye, Thabo Mofokeng, Viwe James

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TECHNICAL COMPETENCIES

- IT Security
- Trouble shooting
- Analytical skills
- Report writing
- Excellent verbal and written communication skills

BEHAVIORAL COMPETENCIES

- High attention to detail
- Customer centric
- Results and deadline driven
- Works well under pressure

ROLES AND RESPONSIBILITIES

Network Design

- Design configuration and implementation of the organisation's network infrastructure to best suit the business requirements
- Continuous collaboration with other IT teams to facilitate knowledge sharing and constant optimisation of the network platforms
- Research and provide key technical input into MICT SETAs strategic decisions concerning the network infrastructure
- Ensure that MICT SETAs Infrastructure is effectively managed. This includes maintenance (system patches and upgrades), monitoring and driving stability through internal corporate governance
- Ensure that all elements of the MICT SETA network infrastructure are documented and that relevant standards are understood and adhered to

Network Optimisation

- Maximise network performance (LAN, WAN, Wireless and remote connectivity - VPN Technologies) by monitoring performance, troubleshooting network problems and outages, scheduling upgrades and collaborating with network architects on network optimisation
- Implement and monitor redundant network links for critical sites and perform regular tests of backup links to ensure business continuity
- Interact and negotiate with vendors, outsourcers, and contractors to secure network products and services

Network and Operational Support

- Provide operational support of the entire network environment. This includes maintaining a 98% SLA
- Resolve incidents and fulfil service requests using a service management ticket tool and change management processes
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server, switches, routers, Wi-Fi systems and key processes

- Configuration and installation of hosted VoIP, UC and Video Conferencing solutions, wireless design, bandwidth optimization and WAN acceleration tools
- Troubleshoot network issues and configure network infrastructure equipment including routers, switches, firewalls, load balancers and other data network infrastructure.
- Perform capacity planning on the network by monitoring and analysing performance
- Perform regular security monitoring to identify any possible intrusions and virus monitoring
- Manage and monitor systems to ensure high availability and disaster recovery solutions
- Provide technical support and analysis where required, both during business day and after hours

Application:

CVs and certified qualifications of suitably qualified persons must be forwarded to the Human Capital Division for the attention of: Mr. Bassanio Gilbert (Recruitment@mict.org.za) by no later than 03 March 2021. Queries may be directed to 011-207-2611.

Should candidates not hear from us 30 days after the closing date of applications, they should consider their application unsuccessful. Please note this is an open position.

♿ White, Indian, Coloured and people with disabilities are encouraged to apply for this position in-line with the MICT SETA Employment Equity Targets.

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