



VACANCY READVERTISEMENT

REFERENCE NR	:	VAC0152/ 23
JOB TITLE	:	Electrical Technologist
JOB LEVEL	:	D1
SALARY	:	R 531 759– R 797 639
REPORT TO	:	Senior Manager WAN (SAPS)
DIVISION	:	IT Infrastructure Services
Department	:	SAPS Network Services
LOCATION	:	SITA Centurion
POSITION STATUS	:	Permanent (Internal & External)

Purpose of the job

Management and supervision of the Data Centre facilities electrical infrastructure in the Head Office and Provincial Management domains to ensure optimal uptime. Ensure the general efficiencies of all electrical systems including but not limited to: UPS, electrical switchgear and emergency power generators. The Electrical Technologist will be involved in the development of complex electrical infrastructure from site assessments and concept design to green field construction and major modification of existing infrastructures on national capital projects.

Key Responsibility Areas

- Prevent site downtime due to electrical plant failure.
- Manage electrical infrastructure upgrades.
- Perform effective contract management to manage a range of service providers' efficient services to SITA.
- Project management of Data Centre electrical infrastructure projects.
- Ensure effective management of resources (i.e. budget/finances, asset).

Qualifications and Experience

Minimum: National Diploma in Electrical Engineering with seven(7) years working experience post qualification. Bachelor of Technology in Electrical Engineering or higher with five(5) years working experience post qualification.

An added advantage to the minimum requirements will be:

CDFOM (Certified Data Centre Facilities Operations Manager). Course in JBCC. Government Certificate of Competency, as defined in the Occupational Health and Safety Act. Course in Project Management.

Experience: +5 years industry related electrical power engineering experience which should include: Maintenance and operation of electrical plant in the area of complex ICT facilities or Critical mission facilities (such as Banks, Data Centres, Telecommunications network sites, or hospitals). Experience with (building) power system analysis and engineering. Experience in bidding, designing, operating, and commissioning of electrical distribution system for ICT facilities from medium voltage (MV) transformer to branch circuits and backup power (UPS's and Generators)

Experience with Data Centre operations including detailed comprehension of high availability systems. Experience with project management, product evaluation, vendor or customer management. Experience with reviewing estimates of material and labour costs for repairs, replacements, and improvements to ensure that repairs are addressed in a timely and cost-effective manner, on the electrical plant in the area of complex ICT facilities. Experience in working with electrical systems, simple controls, and mechanical systems. Experience with basic operation and controls of HVAC plant for medium to large installations.

Technical Competencies Description

Knowledge of: Electrical plant maintenance on emergency power generator units, UPS units, and electrical distribution systems. Disaster Recovery Planning and Implementation in terms of site electrical plant infrastructure. Governance and Risk Management. Project Management. Emergency Power Generator operation and fault finding. UPS operation and fault finding. Large electrical installation operation, inspection and fault finding. Basic HVAC installation operation, inspection and fault finding. Data Centre Capacity Planning and Capacity Management. Contractor Management. Strong problem-solving and decision-making skills Strong written & verbal communication skills Risk Management. transformers, electric switchgear, automatic transfer switches, UPS system, UPS battery systems, motors, open and melded case breakers, electric circuits, electric heating coils, controls of all types and electrical materials of all types.

Other Special Requirements

Registration as an Electrical Technologist with the Engineering Council of South Africa or Registration as an Electrical Technician with the Engineering Council of South Africa.

How to apply

To apply please log onto the e-Government Portal: www.eservices.gov.za and follow the following process;

1. Register using your ID and personal information;
2. Use received one-time pin to complete the registration;
3. Log in using your username and password;
4. Click on "Employment & Labour";
5. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs;

Or, if candidate has registered on eservices portal, access www.eservices.gov.za then follow the below steps:

1. Click on "Employment & Labour";
2. Click on "Recruitment Citizen"
3. Login using your username and password
4. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs

For queries/support contact egovsupport@sita.co.za OR **call 080 1414 882**

CV`s sent to the above email addresses will not be considered.

Closing Date: 20 June 2023

Disclaimer

SITA is an Employment Equity employer and this position will be filled based on Employment Equity Plan. Correspondence will be limited to short listed candidates only. Preference will be given to members of designated groups.

- If you do not hear from us within two months of the closing date, please regard your application as unsuccessful.
- Applications received after the closing date will not be considered. Please clearly indicate the reference number of the position you are applying for.

- It is the applicant`s responsibility to have foreign qualifications evaluated by the South African Qualifications Authority (SAQA).
- Only candidates who meet the requirements should apply.
- SITA reserves a right not to make an appointment.
- Appointment is subject to getting a positive security clearance, the signing of a balance score card contract, verification of the applicant`s documents (Qualifications), and reference checking.
- Correspondence will be entered to with shortlisted candidates only.
- CV`s from Recruitment Agencies will not be considered.