



Communications Engineer: Antarctica | approximately 15 months contract (OC 19/2023)

Salary: R 811 560 p/a (all-inclusive package)

Post base: Antarctica

Application centre(s): Cape Town Office

Requirements:

- A National Diploma or Degree in Electronic or Electrical (light current) or IT Engineering, or relevant comparable qualification, with a minimum of three years post qualification experience.
- Competency in electronic maintenance, diagnostics and repairs with proven fault-finding capabilities.
- Preferably have experience in VSAT satellite systems and microwave systems, IT network management and support (managing a computer network with LINUX servers and routers), HF and VHF 2-way radio equipment and operation, telephone systems (PABX's and VOIP), PC's, fire detection systems, GPS's, general electronic equipment repair.
- The incumbent has to be competent in the use of an oscilloscope, spectrum analyser and other relevant measuring equipment; and be familiar with good workshop practices, correct use of basic workshop tools and an understanding of current work, health and safety policies.
- The incumbent has to be able to work independently with minimal support under extreme pressure and without supervision.
- The incumbent must be computer literate, have good verbal and written communication skills and the ability to work in a team.

Duties:

- The incumbent will be responsible for the operation, maintenance, fault-finding on and repairs of all the communication services and equipment of our Antarctic Base including the satellite, radio, IT, GPS, alarm and telephone systems.
- Operate cargo handling equipment.
- The incumbent will report to the base engineer and will be part of the technical team, led by the base engineer that has to perform any additional base related technical functions.
- Prepare monthly and annual reports, do stock-takes to order spares and equipment and do other common "non-technical" duties performed by expedition members.

NOTE:

- The incumbent will execute duties at a Sub/Antarctic Base and adhere to the health, safety and environmental requirements.
- The successful applicant will spend a full year (December 2023 to February 2025) at SANAE base. *There is no option to return to South Africa before February 2025.* The ability to work and live with small groups of people is thus essential.
- Although the base is well-equipped with e-mail, fax and satellite telephone facilities, the applicant has to be self-sufficient and self-motivated. The location may affect both the physical and mental well-being of the incumbent, their family and close

relationships. Candidates must be physically fit, mentally strong and prepared for physically challenging and satisfying work.

- In addition, the successful candidates may often be called upon to work long hours in extreme conditions on duties unrelated to their function.
- Short-listed candidates will be subjected to screening and security vetting to determine their suitability for employment.
- Appointment to these positions is subject to a rigorous medical examination as well as psychometric assessment, which will be arranged for at no cost to the applicants.

Enquiries: Ms C Phamoli

Tel: 021 405 9423

For attention: Human Resource Management

Closing date: 09 October 2023

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- All applications must be submitted on a signed **new Z83 application form** (*click bold underlined text to download PDF form*) with a copy of a comprehensive CV, certified copies of qualifications (Matric Certificate must also be attached, ID document, driver's license (all attached documentation must not be older than six (06)months) together with the recent curriculum vitae in order to be considered.
 - Please note that ***should you not use the newly amended Z83 and completed, initialed and signed in full, the department reserves the rights to disqualify your application.***
 - **Applications may be forwarded to:** The Director-General, Department of Forestry, Fisheries and the Environment, Private Bag X4390, Cape Town, 8000 or hand-deliver to 14 Loop Street Cape Town. **Marked for attention:** Human Resources Management.
 - The National Department Forestry, Fisheries and the Environment, is an equal opportunity, affirmative action employer.
 - Preference may be given to appointable applicants from the underrepresented designated groups in terms of the department's equity plan. Persons with disabilities are encouraged to apply.
 - It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA). Correspondence will be limited to successful candidates only.
 - Short-listed candidates will be subjected to screening and security vetting to determine their suitability for employment, including but not limited to: criminal records; citizenship status; credit worthiness; previous employment (reference checks); social media checks, and qualification verification.
 - Short-listed candidates will be expected to avail themselves at the department's convenience.
 - Entry level requirements for SMS posts: In terms of the directive on compulsory capacity development, mandatory training days & minimum entry requirements for SMS that was introduced on 1 April 2015, a requirement for all applicants for SMS posts from 1 April 2020 is a successful completion of the Senior Management Pre-Entry Programme as endorsed by the National School of Government (NSG).
 - The course is available at the NSG under the name certificate for entry into SMS and the full details can be obtained by following the below link: <https://www.thensg.gov.za/training-course/sms-pre-entryprogramme/>
 - The successful candidate will be required to provide proof of completion of the NSG Public Service Senior Management Leadership Programme certificate for entry into the SMS.
 - Furthermore, candidates shortlisted for the SMS post will be subjected to a technical exercise that intends to test relevant technical elements of the job.
 - Following the interview and the technical exercise, the selection panel will recommend candidates to attend a generic managerial competency assessment in compliance with the DPSA directive on the implementation of competency based assessments.
 - The person appointed to this position will be subjected to a security clearance, the signing of performance agreement and employment contract.
 - The department reserves the right not to make an appointment. If you have not been contacted within three (03) months after the closing date of the advertisement, please accept that your application was unsuccessful.