



Communications/Electronics Engineer: Antarctica (Approximately fifteen months contract) (OC15/2019)

Salary R733 257 p.a (All inclusive package)

Centre: Antarctica SANAE Base

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 trade / qualification experience;
- Competency in electronic maintenance, diagnostics and repairs with proven fault-finding capabilities. Preferably have experience in V-Sat 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 the Antarctic Base and adhere to the health, safety and environmental requirements. The successful applicant will spend a full year (December 2019 to February 2021) at SANAE base. **There is no option to return to**

South Africa before February 2021. 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, which will be arranged for at no cost to the applicants.

Enquiries: Mr M Selepe, Tel: +27 (0)21 405 9407

For attention: Human Resource Management

Closing date: 22 July 2019

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- All applications must be submitted on a **Z83 application form** (*click bold underlined text to download PDF form*) accompanied by certified copies of qualifications, identity document (ID) as well as a comprehensive curriculum vitae (CV) and Driver's License in order to be considered.
 - The National Department of Environmental Affairs is an equal opportunity, affirmative action employer.
 - 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.
 - People with Disabilities are encouraged to apply
 - 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); and Qualification verification. 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.
 - Furthermore, the person appointed to this position will be subject to a security clearance, the signing of a performance agreement and an employment contract.
 - If you have not been contacted within three 3 months after the closing date of the advertisement, please accept that your application was unsuccessful.
 - The department reserves the right not to make an appointment.
 - Relaxation of qualification requirements may be considered for non-OSD posts
 - **Applications must be forwarded to:** The Director-General: Department of Environmental Affairs, Private Bag X4390, Cape Town, 8000 or hand-deliver to 14 Loop Street, Cape Town. No faxed, e-mailed and late applications will be considered.