



## Communications / Electronics Engineer: Antarctica SANAE base (approx. 15 months contract) (OC 10/2017)

**Salary:** R 657 558 p.a (All inclusive package)

**Centre:** Cape Town (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, IT (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, etc., 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 2017 to February 2019) at SANAE base. *There is no option to return to South Africa before February 2019.*
- 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

**Closing Date:** 31 July 2017

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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) in order to be considered.
  - Take note that the department will verify all qualifications and experience and that original documents must be submitted on appointment and all qualifications obtained abroad will be evaluated by SAQA.
  - Short listed candidates will be subjected to screening and security vetting to determine the suitability of a person for employment.
  - Senior Management candidates to be subjected to competency assessment, signing of an employment contract and performance agreement.
  - If you have not been contacted within three months after the closing date of this advertisement, please accept that your application was unsuccessful.
  - The department reserves the right not to make an appointment.
  - People with disabilities are encouraged to apply
  - Consideration will be given to applicants who meet the minimum requirements of advertised posts.
  - Relaxation of qualification requirements may be considered for non-OSD posts.
  - **Applications should be forwarded to:** the Director-General, Department of Environmental Affairs, Private Bag X4390, Cape Town 8000 Or hand-deliver to:14th Loop Street, Cape Town, Attention: Human Resources.