



- APPLICATION:** Must be submitted on a Z83 form with a copy of a comprehensive CV, certified copies of qualifications and ID document in order to be considered, and forwarded for the Director-General, Department of Environmental Affairs, **Private Bag X4390, Cape Town, 8000 or hand-deliver to 14 Loop Street, Cape Town.** 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. 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. All shortlisted candidates will be expected to avail themselves for an interview at the Department's convenience. For more information regarding the requirements and duties in respect of each position, please visit our website at www.environment.gov.za. Click on vacancies and ensure you follow the correct link to the position of interest.
- FOR ATTENTION:** **Human Resources**
- CLOSING DATE:** **22 July 2019**
- POST:** **COMMUNICATIONS/ELECTRONICS ENGINEER: ANTARCTICA (APPROXIMATELY FIFTEEN MONTHS CONTRACT) (OC 15/2019)**
- SALARY:** **R 733 257 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 – **Telephone:** +27 (0)21 405 9407