



The Hartebeesthoek Radio Astronomy Observatory (HartRAO) is the only major radio astronomy observatory in Africa. It is located in a valley in the Magaliesberg hills, 50 km west of Johannesburg. HartRAO is participating in the MeerKAT and SA SKA bid projects. The organisation's culture is one of promoting excellence in research through innovation and allowing for self-expression.

The following opportunity is available:

**Electronics Technician – Contract Position (6 month)**

DEPARTMENT: Engineering and Technical Support

**Minimum Requirements:**

- Electronics (N6)
- 10 years experience in electronic cable wiring and installations

**Skills and Attributes required:**

- Ability to understand and interpret wiring diagrams
- Considerable soldering and crimping skills.
- Ability to work independently and as part of a team
- Able and willing to ascend and work on radio telescopes
- Good inter-personal and communication skills
- Attention to detail, accuracy and neatness is essential.
- Conversant with the relevant Health & Safety regulations

**Duties will include but are not limited to:**

- Build Cable Systems (cables/harnesses/looms) wiring up of panels and instruments. In particular considerable skill working with the following connectors- BNC, TNC, N, SMA and multi pin CANNON types. And coax cables such as RG214, RG58, LMR400, Suhner Semi rigid EZ141, Sucoform 141 (in copper and stainless steel).
- Installations of cables on Radio Telescopes, buildings and structures.

The closing date for applications: 07 October 2011.

Responses must be sent to [recruitment@hartrao.ac.za](mailto:recruitment@hartrao.ac.za) or faxed to +27 012 301 3300.