# Position Details

## Technical Services- CSOF3

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| The following information is for applicants | |
| Advertised Job Title | Electronics Technician |
| Job Reference | 66441 |
| Tenure | Indefinite (Full-time) |
| Salary Range | AU$63,594 to AU$80,937 pa + up to 15.4% superannuation |
| Location(s) | Narrabri, NSW |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Team Leader of Electronics and Cryogenics |
| Client Focus – Internal | 100% |
| Client Focus – External | 0% |
| Number of Direct Reports | 0 |
| Enquire about this job | Mike George via email at: mike.george@csiro.au or phone: +61 2 67904069 |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

### Role Overview

The role of Technical Staff in CSIRO is to provide support for scientific research in a diverse range of laboratory and field situations across a range of different research projects. This support consists of the application of accepted technical practices and the development of new practices. The work is usually carried out as a member of a centralised service.

### The Electronics Technician will work with a team of experts at the Australia Telescope National Facility (ATNF) in Narrabri. This position provides a unique opportunity to work within one of the world’s leading research facilities, presenting a wide range of technical challenges whilst living within a unique country setting. You will work within a small team to learn about and carry out technical maintenance, operations support and upgrades as necessary.

### Duties and Key Result Areas:

* Learn about a wide range of electronic data acquisition and control electronics associated with the various systems of the telescope infrastructure.
* Maintain the electronics instrumentation of the telescope whilst considering operational and financial constraints.
* Undertake fault diagnosis and routine maintenance of a broad range of electronic equipment.
* Attend to afterhours breakdowns and work flexible hours if required and occasionally travel to other sites to assist with installation and maintenance of electronic systems.
* Coordinate resources for both planned and unplanned maintenance activities and provide additional assistance for other teams when necessary, including support for cryogenic staff with maintenance activities.
* Work to improve or create documentation for processes associated with maintenance activities, including the creation and administration of document management processes.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Other duties as directed.

## **Required Competencies:**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. A relevant Electronics Certificate Associate Diploma or equivalent (or working toward either), in Electrical/Electronic Engineering from a recognised technical college or tertiary education institution.
2. Valid Class ‘C’ driver’s licence.
3. Willingness and ability to work and access heights at 50m above the ground.
4. Demonstrated commitment to Health, Safety and Environment as a core value.
5. Previous experience with soldering, rework of PCBs and electronic modules as well as mechanical assembly.
6. Experience with fault finding and diagnostics to solve unique problems for a wide variety of systems.

## **Desirable:**

1. Experience with computer aided drafting (CAD), mechanical, cryogenic or vacuum equipment support will be highly regarded.
2. HR License and/or experience with EWP or HIAB is an advantage.
3. Previous experience working at heights, and vertical rescue or confined space training.
4. Experience with data cabling including working with optic fibre installation and splicing.

Special Requirements

Appointment to this role will be subject to the following condition:

* The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## **About CSIRO:**

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