# Electronics Technician

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| Advertised Job Title**:** | Electronics Technician  |
| Reference Number**:** | 58138 |
| Classification**:** | CSOF 4  |
| Salary Range: | AU $80,833 to AU $91,451 plus up to 15.4% superannuation |
| Location**:** | New Norcia Ground Station, Western Australia |
| Tenure: | Indefinite  |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | * Australian Citizens and Permanent Residents
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| Functional Area**:** | Technical Services  |
| Reports To: | M+O Manager |
| Number of Direct Reports: | Nil |

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| **Role Overview:** |
| The New Norcia Ground Station supports ground-based spacecraft telecommunications as part of the European Space Agency’s Tracking Stations Network (ESTRACK), under proposed contractual arrangements between ESA and Commonwealth Scientific Industrial Research Organisation (CSIRO). The Electronics Technician works under broad supervision and guidance to provide technical support of radio frequency systems including microwave, transmitter, receiver, exciter frequency, digital and timing systems. This includes assisting in RF, Digital and Controls systems maintenance activities and technical planning as well as providing basic level technical back up, fault finding and support to RF, Digital and Controls leads.  |

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| **Duties and Key Result Areas:** |
| * Communicate effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work as part of a multi-disciplinary, often regionally dispersed team, to carry out tasks under limited direction in support of scientific research.
* Work collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Assist with maintenance and installation activities, to ESA or manufacturers’ specifications, including:
* Commissioning, upgrading, testing, calibration and repair of equipment and subsystems associated with Electronic Systems.
* Installation of new and upgraded operational software.
* Operational software programme maintenance and system administration in a secure networked computer environment.
* Provide support to the maintenance of electronic equipment in other flight support areas.
* Utilise UNIX and Windows based tools in support of these systems.
* Identify potential complex spares issues and if necessary determine suitable replacement parts and locate source of supply.
* Provide support for configuration management, including:
* Assist in the management of system drawings and schematics to reflect as-installed configurations
* Maintain appropriate recordkeeping and other tools for version control of hardware/software in use in the systems.
	+ - Assist in maintenance and technical planning, including:
* Under supervision participate in and provide support for system performance testing, data capture and analysis to assist with ESA development work and anomaly resolution.
* Provide local support and facilitate the coordination, implementation and testing of ESA engineered solutions.
* Use Computerised Maintenance and Management System (CMMS) based tools to maintain and improve where possible maintenance efficiencies and reliability of systems.
* Participate in planning meetings.
* Perform maintenance and installation activities while working at height or within confined spaces
* Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.
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| **Selection Criteria:** |
| ***Pre-Requisites:***1. **Education/Qualifications:** Diploma in Electronics & Communications or Electronics Engineering (or substantial progress towards attainment), with 3 years plus relevant electronics experience.
2. **Other Certifications:** WA Driver’s License.

***Please note:*** *Under CSIRO policy only those who meet all essential criteria can be appointed:****Essential Criteria:***1. Knowledge of IT hardware, software, networking, and associated peripherals.
2. Work experience in electronics diagnostics and significant demonstrated aptitude for advancing system knowledge.
3. The ability to work effectively as part of a multi-disciplinary, regionally dispersed team, and carry out tasks autonomously.
4. Excellent communication skills, both written and oral, including the ability to anticipate the interests and knowledge level of an audience and present information and feedback accordingly.
5. Demonstrated ability to effectively manage a number of competing priorities simultaneously, and carry out non-routine tasks under broad direction from Senior Technical staff.

**Desirable Criteria:**1. An understanding of RF systems and a mechanical aptitude.
2. Elevated Work Platform.
3. Construction White Card (WA equivalent).
4. Willing to undertake HV awareness training for HV aspects of RF transmitter operation and maintenance.

***Special Requirements:*** Appointment to this role may be subject to conditions including security/medical/character clearance requirements. You must also be willing and able to:1. Work to a call out roster for all technical staff to provide out of hours coverage for critical equipment failures.
2. Support pre planned out of hours critical tracking events.
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| **Other Information:** |
| **To express your interest:** Please go to <https://jobs@csiro.au> and enter reference 58138 and click **Apply**. First create a profile, then upload your resume and cover letter. In your cover letter please tell us how your skills, knowledge and experience meet the selection criteria.If after reading the Position Description you require further information please contact Lesley Kliska at lesley.kliska@csiro.au. Please note: applications sent to Mrs Kliska may not be considered.If you experience difficulties applying online please call 1300 984 220 for assistance or email:   csiro-careers@csiro.au. *We work flexibly at CSIRO, offering a range of options for how, when and where you work. Talk to us about how this role could be flexible for you.* *Find out more!*[*CSIRO Balance*](https://www.csiro.au/en/Careers/A-great-place-to-work/Work-life-balance)**About CSIRO**At CSIRO, we do the extraordinary every day. We innovate for tomorrow and help improve today - for our customers, all Australians and the world.We imagine. We collaborate. We innovate. |