

OFFICIAL



Australia's National
Science Agency

Field Technician – SKA-Low Telescope

Multiple Positions Available

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Acknowledgments

Acknowledgement of Country

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the area that we live and work on across Australia. We acknowledge their continuing connection to their culture, and we pay our respects to their Elders past and present. [View our vision towards reconciliation.](#)

Acknowledgement of Wajarri Yamaji Country

CSIRO acknowledges the Wajarri Yamaji people as the Traditional Owners and Native Title Holders of Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory, the site where the SKA-Low telescope is being built in Western Australia. Inyarrimanha Ilgari Bundara means ‘sharing the sky and stars’ in Wajarri language, and was a name gifted by the Wajarri Yamaji to the observatory.

Child Safety

CSIRO is committed to the safety and wellbeing of all children and young people involved in our activities and programs. [View our Child Safe Policy.](#)

Diversity and Inclusion

We are working hard to recruit diverse people and ensure that all our people feel supported to do their best work and feel empowered to let their ideas flourish. We are committed to the safety and wellbeing of all children and young people.

CSIRO and SKAO Values

Visit [CSIRO Online](#) and [Space and Astronomy](#) and [SKAO online](#) and [SKAO Location](#) for more information. In your application and at interview you will need to demonstrate behaviours aligned to our values of:

CSIRO	SKA Observatory
<ul style="list-style-type: none"> • People First • Further Together • Making it Real • Trusted 	<ul style="list-style-type: none"> • Diversity and Inclusion • Creativity and Innovation • Excellence • Collaboration • Safety and Sustainability



About CSIRO

Who we are

Australia's national science agency



One of the world's largest multidisciplinary science and technology organisations



6,300+ dedicated people working across 51 sites in Australia and globally



State-of-the-art national research infrastructure



We delivered \$10.2 billion of benefit to the nation

CSIRO (Commonwealth Scientific and Industrial Research Organisation) is Australia's national science agency and innovation catalyst and one of the world's largest and most successful publicly funded research and development organisations.

CSIRO is one of the largest and most multidisciplinary mission-driven research agencies in the world. With 53 locations and over 6,300 people across Australia and internationally, CSIRO solves the greatest challenges through innovative science and technology to deliver world-class economic, environmental, and social benefits for Australia in a global context.

Many of CSIRO's innovations were once considered impossible. Fast WiFi, Aerogard insect repellent and the plastic Australian banknote, to name a few.

Until someone, just like you, joined us and took on the challenge.

We're recruiting the next generation of innovators – talented individuals ready to make an impact. See what is possible for your career.

We are committed to developing and supporting a diverse workforce in its broadest sense and know diverse teams are more effective and deliver more innovative outcomes for science.

As an employee of CSIRO, you will be eligible for the many benefits of working at Australia's National Science Agency. You can read more here:

- Life at CSIRO
- Personal Development & Learning
- Generous Leave & Conditions
- Work / Life Balance

About SKA Observatory

The SKA Observatory (SKAO) is a next-generation radio astronomy facility set to transform our understanding of the Universe and fundamental physics. By deploying cutting-edge technology, it will have a lasting impact on science and society. With investment totalling almost A\$3.5bn, the scale and reach of the facility will be unsurpassed.

The SKA Observatory is an Intergovernmental Organisation, supported on five continents and in both hemispheres under a unique partnership of sixteen nations. The SKA Observatory's facilities include its headquarters in the UK and radio-quiet sites in remote areas of South Africa and Australia, where the mid- and low-frequency telescopes are being built.

By constructing and operating these advanced telescopes, the SKA Observatory will become the world leader in radio astronomy, providing unparalleled research capabilities for decades.

In Australia, the SKA Observatory is collaborating with CSIRO, Australia's national science agency, to construct and operate the SKA-Low Telescope. SKA-Low teams are operating out of:

- Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory on Wajarri Yamaji Country.
- Our Engineering Operations Centre on Nhanhangardi, Naaguja, Wilyny and Amangu Country in Geraldton.
- Our Science Operations Centre on Whadjuk Noongar Country in Perth.

Further Reading: Explore CSIRO and the SKA-Low Telescope project



Position Details

Technical Services – CSOF3

THE FOLLOWING INFORMATION IS FOR APPLICANTS

Job Reference	101863
Tenure and Work Schedule	Indefinite Full-Time, Part-Time or Job-share
Salary Range	AU\$76,068 – AU\$96,813 per annum plus 15.4% superannuation
Location(s)	Geraldton, Western Australia (Nhanhangardi, Naaguja, Wilyny and Amangu Country) <i>Fly-In-Fly-Out (FIFO) on a small 6-to-19 seat aircraft from Geraldton to the SKA-Low site, located on Wajarri Yamaji Country at Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory.</i>
Relocation Assistance	Relocation assistance to Geraldton will be provided to the successful candidate if required
Applications are open to	Australian/New Zealand Citizens and Australian Permanent Residents
Client Focus – Internal	0%
Client Focus – External	100%
Position reports to the	This position will report to the SKA-Low Field Team Supervisor
Number of Direct Reports	0



Role Overview

As a Field Technician in the SKA-Low Maintenance and Deployment team, you will work with cutting-edge technology to help keep the world's largest science project online. Whether you bring hands-on experience with RF systems, fibre optics, electronics, or networking – or you bring transferable skills and a willingness to learn – you will be part of a team making history.

Our Field Technicians are essential to efficiently build and maintain the SKA-Low telescope site. The work is technically diverse and hands-on, involving the installation, maintenance, and repair of RF systems, optical fibre, coaxial cables, and complex electronics. Working alongside Field Engineers and our technical partners, you will also mentor junior technicians and help shape long-term maintenance strategies.

Field Technicians operate on a Fly-In-Fly-Out (FIFO) basis from Geraldton to the SKA-Low site, located on Wajarri Yamaji land at Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory. FIFO travel is via 6 to 19-seat charter planes.

The team works a “4 and 3” roster where we fly out to site early each Monday morning (0530) and return to Geraldton on Thursday evenings (~1800). While on site, our people stay in a well-equipped village with amenities including a gym, communal sports areas, bushwalking tracks, exceptionally good catering, and optical telescopes for exploring the stunning Murchison night sky. Workdays typically begin at 0545 with a pre-start meeting and finish at 1700.

Being a Field Technician offers a truly unique experience. The work is remote and physically active, and for those who thrive in hands-on roles, value the rugged beauty of the Australian outback, and enjoy the deep quiet of the Murchison region, it's a rare opportunity to contribute to something extraordinary. We're incredibly proud of the dedicated team who've embraced this challenge and are helping shape the future of radio astronomy.

CSIRO and the SKAO value and respect difference, and we are committed to building an inclusive culture by creating an environment where you can balance a successful career with your commitments and interests outside of work. We believe that you will do your best at work if you have a work/life balance. We are open to discussing flexible working opportunities with this role being offered on a full-time, part-time or job share basis. Please raise your preference in your application.

Fundamental Role Requirements

- Ability to work outdoors in remote environments.
- Ability to traverse uneven terrain for extended distances.
- Willingness to operate on a FIFO (fly-in, fly-out) roster using 6 to 19-seater aircraft.
- Physical capability to repetitively lift and carry objects up to 10kgs.

Duties and Key Result Areas

- Construct, deploy, and integrate station systems for the SKA-Low telescope.
- Perform routine inspections and carry out installation, replacement, repair, and maintenance of RF systems, optical fibre, coaxial cables, and electronic components.
- Support Field Engineers and contractors, and mentor junior technicians during assembly, construction, and maintenance activities.
- Contribute to the development and implementation of telescope-wide maintenance routines and safety protocols.
- Maintain a strong commitment to health and safety, ensuring full compliance with all procedures.
- Create maintenance task checklists using existing systems and assist in accurate record-keeping of all maintenance activities.

- Collaborate with Field Engineers, Supervisors, and the Deployment and Maintenance Manager to improve maintenance processes.
- Uphold the spirit and practice of CSIRO's and SKAO's Values, Code of Conduct, Health, Safety and Environment policies, Diversity initiatives, and Zero Harm goals.
- Communicate openly, effectively, and respectfully with all staff, clients, suppliers, Traditional Owners and Aboriginal and Torres Strait Islander people in the interests of good business practice, collaboration and enhancement of CSIRO's reputation.
- Other reasonable 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 are able to demonstrate how they can meet the essential criteria may be appointed.

- **A relevant qualification or equivalent experience** – such as a Certificate III in Engineering (Electronics), Telecommunications, or a related technical field; and/or demonstrated equivalent technical training or experience in radio frequency (RF), electronics, or networking systems; or a related trade with transferable skills.
- **Practical experience or demonstrated aptitude** in diagnosing, testing, and maintaining technical systems – ideally within one or more of the following domains: RF systems, optical fibre networks, electronics, or digital/analogue signal systems.
- **Demonstrable computing skills** including the ability to use software tools for data entry, diagnostics, and reporting, and a willingness to learn basic scripting or automation tools relevant to SKA-Low operations.
- **Proven ability to work effectively within a small technical team**, showing initiative, reliability, and a willingness to share knowledge and support others, contributing to a collaborative and high-performing team environment aligned with CSIRO's values.
- **Commitment to health, safety, and environmental sustainability**, including demonstrated understanding of safe work practices, risk assessment, and a proactive approach to maintaining a safe working environment.

- **Current Australian driver's licence**, with the ability and willingness to operate 4WD vehicles and travel to remote sites as required.

Desirable

- Experience in working with fibre optic and coaxial cable systems, including cable management, and testing.
- Experience deploying or maintaining equipment in remote environments.

Special Requirements

Appointment to this role is subject to provision of a pre-employment background check and may be subject to other security/medical/character clearance requirements.

- The successful candidate will be required to gain a **National Police Clearance** or equivalent prior to commencement. This will be conducted by CSIRO Talent Services, through our provider, HireRight. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
- The successful candidate will be required to undertake a **pre-employment medical examination** prior to commencement.
- The successful candidate will be required to provide evidence that they hold a **valid Australian Full Driver's Licence (non-probationary licence)**.
- The successful candidate will be required to provide evidence that they hold, or be willing to obtain, a **valid Australian construction induction training certification (e.g. Blue/White Card)**.
- Inyarrimanha Ilgari Bundarra, the CSIRO Murchison Radio-astronomy Observatory is a remote location in the Australian outback. While this role is based at the Engineering Operations Centre in Geraldton, **regular travel to site will be required** to perform aspects of the role. Willingness and ability to safely perform duties in outdoor remote environments is crucial to this role.
- The successful candidate must **show commitment to a genuine consideration of Traditional Owners and Custodians** as part of a project process and commitment to engaging, interacting, and co-operatively working with Traditional Owners and RNTBC's.

How to apply

To apply for this role, please submit your application [online](#). For internal candidates, please apply via *Jobs Central*.

To appropriately assess your application, we ask that candidates provide the following:

- **Cover Letter** – outlining the motivation for applying and aligning capabilities and experience relevant to the selection criteria. This document should not be longer than two pages.
- **VET Transcript/Statement of Results** attached to the back of your cover letter as ONE document.
- **Curriculum Vitae or Resume** – outlining relevant experience, and education to the program.

If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220.

Enquiries

To enquire about this role, please contact Piumi De Silva, Talent Acquisition Partner (CSIRO), on Piumi.Desilva@csiro.au for more information.

Aboriginal and Torres Strait Islander candidates can also contact the Indigenous Talent team at IndigenousCareers@csiro.au or Terrie Ann Cain on 0407 318 527.

Applications close

The closing date of this advertisement is **Friday, 30 January 2026 at 11:00pm AWST**



**As Australia's national science
agency and innovation catalyst,
CSIRO is solving the greatest
challenges through innovative
science and technology.**

CSIRO. Unlocking a better future
for everyone.

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