

## Position Details

### Technical Services – CSOF2

THE FOLLOWING INFORMATION IS FOR APPLICANTS	
Advertised Job Title	Field Technician - SKA-Low Telescope – Multiple Positions (Identified Role – Indigenous)
Job Reference	95192
Tenure	12 month Specified Term (Possible for role to become indefinite provided training and development milestones are being met by the 12 month mark)
Salary Range	AU\$51,031 to AU\$65,779 per annum, plus up to 15.4% superannuation.
Location(s)	Geraldton, Western Australia
Relocation Assistance	Relocation assistance will be provided to the successful candidate if required
Applications are open to	<p>The position is only open to Aboriginal and/or Torres Strait Islander peoples with Australian citizenship.</p> <p>CSIRO considers the filling of this position is intended to constitute a special/equal opportunity / affirmative measure under <i>section 8(1) of the Racial Discrimination Act 1975 (Cth)</i>.</p> <p>Successful candidates are required to provided evidence to confirm that they are an Aboriginal and/or Torres Strait Islander person.</p>
Position reports to the	This position will report to the SKA-Low Senior Field Technician
Enquire about this job	To enquire about this role please reach out to the SKA-Low Head of Engineering Operations, Angela Teale, on <a href="mailto:angela.teale@skao.int">angela.teale@skao.int</a> for more information
How to apply	<p>Apply online at <a href="https://jobs.csiro.au/">https://jobs.csiro.au/</a></p> <p>Internal applicants please apply via <b>Jobs Central</b></p> <p>If you experience difficulties when applying, please email <a href="mailto:careers.online@csiro.au">careers.online@csiro.au</a> or call 1300 984 220.</p>

### Acknowledgement of Country

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

### The CSIRO Experience

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:

1. [Life at CSIRO](#)
2. [Personal Development & Learning](#)
3. [Generous Leave & Conditions](#)
4. [Work / Life Balance](#)

## Background

The SKA Observatory (SKAO) is a next-generation radio astronomy facility that will revolutionise our understanding of the Universe and the laws of fundamental physics. Enabled by cutting-edge technology, it promises to have a major impact on society, in science and beyond. As an intergovernmental organisation, the SKAO brings together sixteen countries around the world.

The Observatory has a global footprint and consists of the SKAO Global Headquarters in the UK, the SKAO's two telescopes at radio-quiet sites in South Africa and Australia, and associated facilities to support the operations of the telescopes.

Constructing and operating these telescopes will position the SKAO as the leading research infrastructure for radio astronomy globally, providing science capabilities to the international astronomical community for decades to come.

Australia will host the SKAO's low frequency telescope (SKA-Low) in remote Western Australia on Wajarri Yamaji Country.

The Traditional Owners and native title holders, the Wajarri Yamaji, have gifted CSIRO with the traditional name Inyarrimanha Ilgari Bundara for the CSIRO Murchison Radio-astronomy Observatory, home to the SKA-Low telescope. The traditional name means 'sharing sky and stars' in the Wajarri language.

In Australia, SKAO is collaborating with CSIRO to operate and support the construction of the SKA-Low Telescope. SKA-Low teams will operate out of:

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

Further Reading: [Explore SKAO](#)

## Role Overview

This role is for an entry level Field Technician. Whilst previous experience in a similar role is advantageous, there is no requirement for any experience. Training and development, working towards skills and experience as a Field Technician, will be provided to the successful candidates.

As a Field Technician for the SKA-Low team, you will assist in the construction, assembly, and basic integration of the world's largest low-frequency radio telescope. You'll gain valuable hands-on experience working on electronic systems in the field on site, whilst also attending required training at TAFE working towards your Basic open cabling licence. This role is based in Geraldton, WA, with Fly-In-Fly-Out rotations at Inyarrimanha Ilgari Bundara, CSIRO's Murchison Radio Astronomy Observatory. The role requires good teamwork skills and a strong commitment to safety.

This role may require domestic travel to Perth to our Science Operations Centre on Whadjuk Noongar Country.

CSIRO and the SKA Observatory 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.

### **Duties and Key Result Areas**

- Assist in constructing and assembling the station systems for the SKA-Low telescope.
- Support the team in basic integration tasks to ensure the seamless operation of the telescope.
- Assist in routine inspections, maintenance, and repairs on Radio Frequency and electronic systems in the field during construction into operational.
- Work closely with senior technicians and contractors during the assembly, construction, and maintenance stages, ensuring adherence to the highest standards.
- Contribute to the development and implementation of Radio Frequency system maintenance routines and safety protocols.
- Exhibit a strong commitment to health and safety, ensuring compliance with all safety protocols.
- Collaborate with the Senior Field Technician and Deployment and Maintenance Manager to improve system maintenance processes and procedures.
- Assist in maintaining accurate records of all telescope system maintenance activities.

### **Fundamental requirements:**

- Ability to work outdoors in remote, extreme environments.
- Willingness to traverse uneven terrain for extended distances.
- Adaptability to a FIFO (fly-in, fly-out) roster.
- Physical capability to repetitively lift and carry objects up to 10kgs.
- Ability to use UHF and VHF handheld radios.
- Excited to be part of the world mega science project.
- Construction Card (White Card) or ability to obtain prior to starting.
- Hold a valid driver's license (preferred).

### **Selection Criteria**

#### **Essential**

*Under CSIRO policy only those who are able to demonstrate how they can meet the essential criteria may be appointed.*

- Completion of year 10 schooling as a minimum.
- Ability to follow instructions.
- Commitment to attend training through TAFE.
- Commitment to safe work practices, environmental sustainability, equity, and diversity.
- Ability to work in a small team, contributing constructively to an inclusive and high performing team culture.

#### **Desirable**

- Previous experience working in remote locations.
- An interest in astronomy, electronics, or engineering.

### **Required Competencies**

- **Teamwork and Collaboration:** Demonstrates initiative, actively contributing as a team member. Supports team decisions and keeps other team members up to date about

individual actions. Shares all relevant and useful information. Pitches in and helps other team members when necessary.

- **Influence and Communication:** Communicates basic facts in a courteous manner including posing appropriate questions to gain factual information.
- **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
- **Judgement and Problem Solving:** Selects appropriate solutions to clearly defined problems using readily available information. Alternatives are limited and prescribed or apparent.
- **Independence:** Accepts personal responsibility for doing the job well. Looks for opportunities to improve the way things are done and makes recommendations accordingly.
- **Adaptability:** Accepts the need for change to work routines or technology.

### Special Requirements

- The successful candidate will be required to gain a National Police Clearance or equivalent. 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 is required to provide evidence to confirm that they are an Aboriginal and/or Torres Strait Islander person.
- The successful candidate will be required to provide contact details of at least one Aboriginal and/or Torres Strait Islander person to be a cultural referee to confirm their ability to work and communicate respectfully with Aboriginal and/or Torres Strait Islander peoples.
- 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.
- The successful candidate will be required to undertake a pre-employment medical examination prior to commencement.
- 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 to safely perform duties in outdoor remote environments is crucial to this role.

### 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](#).

## 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:

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