# Position Details

## Technical Services- CSOF3

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| The following information is for applicants | |
| Advertised Job Title | Technical Services Officer |
| Job Reference | 71106 |
| Tenure | Indefinite, Full-time |
| Salary Range | AU$63,594 to AU$80,937 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Boorowa, 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 | Stuart Brown |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Stuart via email at stuart.brown@csiro.au or phone 0490 467 971 |
| 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.

Provide a high standard of technical support to assist the CSIRO Agriculture and Food Business Unit conduct field research at the Boorowa Agricultural Research Station and at regional sites.

You will establish, maintain, and harvest field trials using agricultural and specialised research machinery, undertake general farm duties and assist with the management of a sheep flock. In addition, this position will undertake activities in the digital agriculture space include the use of drones for research purposes, maintenance of sensor networks and geographic information systems.

It is hoped you will possess excellent interpersonal and communication skills and will be required to work under direction from senior technical staff with minimal supervision and integrate well as a team member.

### Duties and Key Result Areas:

* Maintain a high standard of technical support to research staff.
* Maintain vigilance over trial sowings, report problems and implement relevant control strategies.
* Maintain, calibrate and operate specialised research and general farm machinery.
* Maintain and operate the above machinery safely and in accordance with workplace and government regulations.
* Provide research support with respect to digital agriculture technologies such as drone use, remote monitoring of environmental characteristics and mapping.
* General farm duties including irrigation, fencing, maintenance of stock water systems, weed control.
* 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 collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Provide instruction and assist other staff to complete allocated tasks and activities, as required.
* Provide instruction on activities pertaining to the immediate work area and responsibilities, as required.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO 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**

**Pre-Requisites:**

1. Extensive experience with agricultural plant and machinery operation and livestock management.
2. The ability to work effectively as part of a farm operations team and carry out tasks under general direction from senior staff.
3. Education/Qualifications: Bachelor of Agriculture degree (or equivalent) with proven digital literacy with general Microsoft products or similar.
4. **Communication:** Ability to communicate in a fluent and courteous manner, both orally and in writing, offering information supported by proven data, and providing appropriate feedback when required.
5. **Behaviours:** A history of professional and respectful behaviours and attitudes in a collaborative environment.
6. **Adaptability:** The ability to effectively manage several competing priorities simultaneously and carry out non-routine tasks under technical direction from Senior Technical/Research staff.
7. **Problem Solving:** Proven ability to investigate routine problems by identifying and considering the implications of a range of available alternative solutions.

**Essential Criteria:**

1. Current Australian Manual Driver’s Licence and a Heavy Rigid Truck Licence with experience transporting heavy farming equipment
2. Demonstrated experience sowing and harvesting crops and maintenance of related equipment
3. Practical experience with research trials and knowledge of sound cropping rotations
4. Experience selecting and applying agricultural chemicals and willingness to use same
5. Possess advanced computer skills and the ability to keep and maintain accurate records

**Desirable Criteria:**

1. Qualifications including forklift licence, AQF3 chemical user certificate or equivalent
2. Possess a current remote pilot licence (RePL) for drones up to 7kg
3. Experience in the management of a self-replacing merino flock
4. Ability and willingness to stay at regional sites during seasonal activities such as sowing and harvesting.
5. Current Apply First Aid or equivalent certificate.
6. Experience using geographic information systems (such as ArcGIS or QGIS)

Special Requirements

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.

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Find out more about CSIRO [Agriculture and Food](https://www.csiro.au/en/Research/AF)