

Remote Infrastructure Technician

Reports to:	Lead Technician	Position Status:	Permanent
Business Unit:	GNS	Location:	Avalon
Department:	Data Science & Geohazards Monitoring	Date:	August 2025
Direct Reports:	Nil	Budget & Delegated Authority:	Nil
Group:	Science & Commercial Operations	Career Step:	Technician 2 / Band 5
Job Family:	Research Lab & Field Technology	Career Path:	Specialist

Purpose

This position provides technical/scientific equipment support for our geohazard monitoring and geodetic surveillance systems, by carrying out station installations and upgrades, network repairs and maintenance, and contributing to data communications solutions. The position will also provide technical assistance and support to science projects as requested.

Position Priorities and Responsibilities

Fieldwork

- Regular long (1 week +) and short (1 day +) term travel to build, install, maintain, upgrade and repair geohazard monitoring stations throughout New Zealand, as required.
- Leadership of field teams.
- Assist with selection of new geophysical monitoring station locations, as required.
- Participation in special projects and aftershock deployments, as required.
- Flexibility and the ability to participate in fieldwork at short notice.

Instrumentation

- Test, maintain and repair equipment and components, in the workshop and in the field.
- Provide appropriate technical support and advice to all areas of the organisation.
- Seek out new relevant technologies in geophysical data collection and communications.

Operational Management

- Monitor the performance of equipment and monitoring stations, initiating action as required.
- Contribute to the documentation of the current electrical, mechanical, hardware and software systems. Accurately record all maintenance, troubleshooting and repairs.

- Timely maintenance of the team's asset management, health and safety, financial and timekeeping systems.
- Undertake and lead projects as directed by your manager as and when required.

Responsibilities of all Employees

- Comply with all relevant Business Unit policies, procedures and frameworks, and act in line with the relevant Business Unit values.
- Contribute to our healthy and safe workplace by following Health, Safety and Wellbeing (HSW) expectations outlined in and integrated into our operational practices and HSW Frameworks, including undertaking HSW training and participating in health monitoring programmes relevant to your work.
- Work effectively as a team member by fostering good relationships and supporting others by providing coverage of other functions as required and ensuring workloads are evenly spread.
- Have the flexibility to adapt and develop as the company and its environment evolves.

Key Working Relationships

Internal	External
<ul style="list-style-type: none">• Scientific research community	<ul style="list-style-type: none">• Landowners (including DOC and Iwi)• Suppliers and contractors• Scientific research community• LINZ• Public

Person Specification

Qualifications and Experience

Essential

- A tertiary qualification or experience in digital communications, electronics, engineering, instrumentation, or surveying related to science or scientific support.
- A full driver licence.
- Experience working with people with different skills from different cultures and backgrounds.

Desirable

- Experience in the deployment, repair and maintenance of technical equipment, and data collection in remote field environments.
- Industry recognised networking qualification.
- Experience working with extra-low voltage power systems (12v/24v), including solar installations.
- A background or qualification in Earth science.
- 4WD/off road driving experience.

Skills, Knowledge and Attributes

Essential

- Effective organisational skills required for short-term project management and logistical planning. Good documentation skills.
- The ability to rapidly acquire knowledge of new equipment and systems and to interpret state of health data to identify the potential causes of problems.
- A proactive and motivated approach with commitment to achieving a high standard of work.
- A methodical approach to problem solving and testing. Ability to innovate and find solutions to technical problems in remote locations.
- Engages with internal and external stakeholders, clients, and cross-functional teams.
- Hands-on practical skills and a good level of physical fitness.

Desirable

- Construction, electrical and computing skills.
- Knowledge of TCP/IP networking and wireless remote communications/telemetry technologies.
- Basic familiarity with Unix based operating systems.
- Confidence and demonstrated self-reliance when working in remote outdoor locations.