



## Field Operations RPAS Pilot

**Job Reference: E0021**

### **The Company**

Destruction of our biodiverse ecosystems has led to 2 BILLION hectares—more than 7 MILLION square miles—of degraded land, causing an unfathomable increase in carbon dioxide in our atmosphere. Dendra exists to stop this and reverse it.

We are building the most powerful tools for ecosystem restoration today. We combine decades of research in ecology and biocarbon with cutting edge artificial intelligence and drone technologies to speed up and scale up land rehab.

### **The Role**

This exciting opportunity involves preparing and conducting RPAS mapping and planting operations in compliance with CASR Part 101 regulations. You'll be working as part of a world-class team on a mission to restore the natural world, using and participating in the development of cutting-edge technology, flying powered lift and multicopter aircraft up to 50kg in remote and challenging environments.

### **Principal Duties:**

- Working closely with the Flight Operations Manager in the organisation and delivery of projects as part of a small team
- Flight planning, meteorology, system preparation and airspace management in compliance with CASA regulations, client requirements, and company protocol
- Operating RPAS in high safety environments, including mine sites
- Working with the engineering team to coordinate maintenance work, and the development of new systems
- Post operations management, including data handover and flight documentation

**A successful candidate will have the following:**

- Current RePL and AROC licences, with experience operating RPAS in a commercial environment
- Experience with aerial surveys and photogrammetry
- Ability to pass an Order 43 medical, and manually handle heavy equipment and seed bags
- Excellent attention to detail, high levels of organisation, and ability to communicate effectively as part of a remote team
- Enthusiastic attitude, strong interpersonal skills, and an ability to learn new skills quickly
- Willingness to travel nationally and potentially internationally on a project by project basis, which may involve time away from home
- Right to work in Australia

**Highly regarded skills and experience:**

- Powered Lift <7kg and Multicopter <25kg licences
- Operational experience with medium class RPA
- Experience in ecology, forestry, agriculture, mining or landscape restoration
- Knowledge and/or coursework that relates to surveying
- IREX qualification and/or experience with EVLOS and BVLOS operations

**Location**

This position is located in Mackay, QLD.

**Employment type**

Full time.

Dendra Systems believes that diversity builds strength, and this is already reflected in our international, interdisciplinary team. We look forward to building a strong team together.