

Title: Geo³ Project Manager

Geo3 is an exciting new joint venture between Cornish Lithium and Geothermal Engineering Limited ('GEL'). We have received Government funding through the Getting Building Fund to develop a pilot lithium extraction plant at GEL's United Downs Deep Geothermal Project in central Cornwall. The £4m project will employ a team of 10 people, plus consultants and advisors, and we are seeking to appoint an experienced project manager to deliver this innovative project.

Key Qualities:

We're looking for someone energetic, with the drive and enthusiasm needed to deliver and manage the project, working to tight deadlines and clear budgets. The ideal candidate will have experience of delivering similar projects. This role will report directly to the Board of Directors and will have day to day responsibility for delivering the project.

- Experience in leading small project teams
- Good technical understanding of water or mineral processing technologies, or similar
- Excellent interpersonal and IT skills (Microsoft Office 365, project management software).
- Prepare, as necessary, specifications and tender documents to deliver project on time and within budget
- Liaison and management of suppliers/subcontractors to include controlling, scheduling and coordinating sub-contractors working on site, ensuring all Company and on-site procedures are followed such as Inductions, health and safety compliance, competence etc.
- Manage the relationships with key stakeholders
- Health and safety at the forefront of all activities
- Ability to communicate at all levels
- Experience of clearly communicating with Board of Directors

Desirable Qualities

- Interest in renewable energy and Cornwall's move to net zero carbon by 2030
- Ability to effectively communicate with stakeholders and the wider public
- Ability to build and motivate a small, diverse project team who will be capable of working to tight deadlines and budgets

Key Responsibilities:

- Project Delivery
- Budget Control
- Health and Safety
 - Of the entire site
 - Ensuring compliance for all staff, visitors, subcontractors, and suppliers
- Procedures:
 - Develop and implement procedures for HSE
- Communication:
 - With Board of Directors, stakeholders, media, wider public as necessary
- Staff:
 - Responsible for recruiting remaining project team members
 - Day to day management of the project team

Salary and Hours

This role is full time (37.5 hours per week).
The salary is negotiable based on experience.

Annual leave comprises 25 days' holiday per year, plus Bank Holidays.

More about the project

A pilot-scale lithium extraction plant will be designed, procured and commissioned at the United Downs Deep Geothermal Project site. The pilot plant will then be used to demonstrate that lithium hydroxide, a key component of lithium-ion batteries used in electric vehicles, can be produced in Cornwall from naturally occurring geothermal waters with a net zero carbon footprint. Domestic production of this critical metal is vital for the UK to deliver its zero carbon and clean growth ambitions.

The granite rocks beneath Cornwall are rich in lithium and heat. This demonstration lithium extraction pilot plant will trial environmentally-responsible DLE technology to selectively remove lithium compounds from water extracted by the geothermal powerplant from its 5.2km deep borehole. Once the lithium has been extracted, the water will be reinjected into the rock.

Following on from the success of the work carried out independently by both Cornish Lithium and GEL to date, the co-production of lithium with geothermal heat and power from the same geothermal waters is an exciting opportunity for Cornwall.

For more about the project, please see the company website: www.geocubed.co.uk