



CANDIDATE PACK

PRINCIPAL GEOTECHNICAL ENGINEER

NEWCASTLE CITY CENTRE

www.ryder.engineering

RYDER is part of Tekmar Group plc

SUMMARY

At RYDER, our expertise is the cornerstone of our success and the driving force behind our innovative solutions. With decades of combined experience in the offshore energy sector, we have established ourselves as industry leaders, known for our deep understanding of complex challenges and our ability to deliver results that exceed expectations. Our team of experts brings together diverse skill sets, cutting-edge technology, and a commitment to excellence to support our clients in achieving their goals.

The role of the Principal Geotechnical Engineer is to manage and deliver projects from both technical and financial perspective; from initial client contact to issue of reports, across all areas of detailed geotechnical assessment in the offshore energy sector. This includes management of client relationships, management of a team of engineers, and working closely with the Engineering Director. Projects can vary from geotechnical design of e.g. foundations, scour assessments, rock berms, or Jack-Up Assessments, through to cable engineering and secondary stabilization assessment.

The role includes supervising projects internally, through delegation and management, review and QC, and actively carrying out project work to satisfy our customer requirements.

Ryder Geotechnical is part of Tekmar Group, a leading engineering services organisation dedicated to providing innovative solutions to the offshore energy and subsea industries, with a strong focus on renewables. As part of Tekmar Group, Ryder Geotechnical work closely with colleagues in group companies to deliver turn-key solutions to various sectors within the industry.



KEY RESPONSIBILITIES

- Support the Engineering Director and lead team in the preparation of geotechnical studies, designs, and reports, predominantly associated with subsea structures.
- Maintain time and project records and manage budgets and junior team members.
- Conduct, review, supervise, and issue data assessments and geotechnical analyses.
- Client liaison and lead in the preparation of geotechnical study reports.
- Review and keep a working knowledge of up-to-date design specifications and standards.
- Develop and manage in house design principles and methodologies to ensure consistency across projects.
- Assist in the technical and commercial management and planning of the business.
- Proactively develop technical skills in accordance with the needs of the job and the agreed personal development plan.
- Carry out business development activities and develop the subsea structures division within Ryder.
- Takes senior management responsibility for ensuring team and company compliance with HSEQ.
- Actively participate and lead by example in the Company's Quality and HSE Systems and Procedures.
- Upkeep and ownership of your continued professional development including attendance at conferences, publishing works, presenting, and attending training courses.



PERSON SPECIFICATION

QUALIFICATION

- Degree in Civil Engineering or Geology, or closely related subject supported by further academic study or practical experience in geotechnical engineering or engineering geology in the offshore sector.
- Active participation/graduate membership of a professional organisation such as the Institution of Civil Engineers, Geological Society, Society for Underwater Technology.

EXPERIENCE

- Working knowledge of ArcGIS, Global Mapper, and proprietary software for geotechnical analysis, such as PLAXIS, GIS, GRL WEAP.
- Demonstrable experience working in a geotechnical engineering environment in the offshore sector, expected 10 years' experience minimum with particular focus on seabed infrastructure.
- Good working knowledge of ground investigation, geotechnical engineering, and geological processes.
- Experience of offshore geotechnical design, including soil-structure integration, jack up leg penetration assessment, trenching assessments, Cable Burial Risk Assessment (CBRA).



VISION, MISSION & VALUES

VISION

To enable the world's energy transition, reflecting our responsibility to future generations.

MISSION

We provide innovative engineering solutions and products for the global offshore energy market.

VALUES & BEHAVIOURS



WORK TOGETHER

We foster teamwork without boundaries to ensure the best results are delivered in an environment where people feel empowered, safe, trusted, confident and inspired to develop.



DO THINGS RIGHT

We take a united approach towards Safety, Quality and Delivery. We lead by example and constantly find ways to raise standards. We challenge the norm and have courage to stand up for what is right



BREAK THE BOUNDARIES

We collaborate with our customers and constantly look for ways to develop our technology and services to make today's impossible tomorrow's deliverables.



BENEFITS

We're bursting with benefits and perks.
Here's our latest list of benefits:

- Hybrid working
- 25 days holiday, increasing with long service to 30 days
- Option to buy or sell up to 5 days holiday
- A day off for your birthday
- Save As You Earn (SAYE) share scheme
- Salary sacrifice pension scheme – 7% employer contribution
- Health Shield cashback healthcare plan
- Enhanced family-friendly policies
- Wellbeing Portal including Employee Assistance Programme (EAP)
- Life assurance (4x salary)
- Electric Vehicle (EV) salary sacrifice scheme
- Tech scheme
- Cycle to work scheme
- Long service awards
- Employee referral scheme
- Company social events



TESTIMONIALS



“I’ve been lucky enough to manage projects for some of the biggest wind farms in the world, which is challenging but rewarding.”

**LAUREN JOHN,
PROJECT MANAGER**



“I love my role. I am continuously learning in a welcoming and friendly work environment”

**CALLUM MASON
ANALYSIS ENGINEER**



“I love Tekmar Group’s passion for quality, teamwork and making a difference.”

**GREG GILES, SENIOR
QUALITY ENGINEER**





INTERESTED?

Apply today! We look forward to receiving your application.

Email your CV to HR@tekmar.co.uk

If shortlisted, the journey starts with you being invited to a first stage, coffee interview – a ‘getting to know you’ informal chat. If that goes well, your journey will continue with a more formal 2nd stage interview.