The UK's leading near-surface Geological & Geophysical consultants

Senior (Terrestrial) Geophysicist

(Post Reference: STG-1-2020)

Do you want to contribute to a carbon-free future by working with one of the UK's leading geological and geophysical consultants? Our innovative, growing team are now looking for a **Senior (Terrestrial) Geophysicist** to work predominantly in the **land-based environmental and engineering sector**.

Are you technically entrepreneurial and commercially aware? Would you like to work in an environment that offers variety, scientific rigour, and innovation? Then Reynolds International could be the perfect fit.

Who are Reynolds International?

We're recognised as the UK's leading independent, near-surface geological and geophysical consultancy. Founded in 2009 by our Managing Director, Professor John M. Reynolds, we specialise in:

- Near-surface engineering and environmental geophysics
- Offshore wind farm geophysics
- Earthquake preparedness
- Geohazards, especially glacial hazards.

We've been involved with designing, managing, and/or interpreting some of the most prestigious engineering and environmental geophysics projects over the last few years. Here are just a few highlights:

- Investigations for the offshore wind farm and renewable energy developments in the UK and abroad
- Geophysical investigations for major road and railway schemes across the UK, for major commercial property development, regeneration of derelict former MoD properties
- Major geophysical investigation for the Abu Dhabi Airport Expansion
- Innovative geophysical approaches for the investigation of natural and man-made cavities in Reading city centre
- A world first in developing and deploying innovative acquisition solutions for a hazardous acid tar lagoon near Wrexham
- Major geophysical investigations for route selection for infrastructure schemes such as the new Mersey Crossing at Halton, Wirral.
- Novel geophysical investigation of moraine dams of hazardous glacial lakes in Nepal and Peru, bespoke airborne deployment of sensors for glacier mapping across the Indian Himalayas, and in landslide investigations in the UK and internationally.

And that is far from all; we've also carried out site surveys for jack-up rig locations, dredging and marine aggregates, airport expansion projects, and geophysical investigations for hydropower dams, underground nuclear repositories, and new nuclear stations.

Why work for Reynolds International?

Because we're pioneers

We're always pushing boundaries when it comes to new methods of data analysis, and 3D interpretation and presentation of geophysical data. We remain a strong influence on how surveys are conducted nationally and internationally. We have extensive experience in near-surface engineering and environmental geophysics on five continents for both private commissions as well as for leading scientific research projects including with international government research institutions.

Because we're leaders

We are the go-to near-surface geological and geophysical consultants in the UK. As such, we are the principal geoscience consultant to North Wales Tidal Energy Ltd's prospective 2.5 GW tidal range project off the North Wales coast and are playing strategic roles in other major terrestrial infrastructure projects in the UK and internationally.

Because we're driven to make a positive change

We are dedicated to helping the UK and indeed nations worldwide achieve a zero-carbon future. This is what drives us to stay at the leading edge of geological and geophysical consultancy in hydropower and renewable energy especially.

What we're looking for in our Snr (Terrestrial) Geophysicist

As we mentioned earlier, our Senior (Terrestrial) Geophysicist needs to be technically entrepreneurial, commercially aware, and dedicated to scientific rigour and innovation. We are a friendly and small but growing team, who pull together to deliver on outstanding projects. Working within this lively environment requires more than a passion for the work but also a good sense of humour.

The main responsibilities of this role are:

- Management, supervision, and execution of technical project work
- Delivery of high-quality outputs in a professional, timely manner within agreed budgets
- Direct interaction with clients, consultants, and contractors
- Management of the preparation and costing of technical proposals, project budgets, resource requirements, timeframes, quality assurance, forecasting and reporting, monitoring and control
- Preparation and/or review of technical specifications
- Data processing, analysis, interpretation, and reporting
- Supervision of geophysical contractors during data acquisition fieldwork and/or data processing
- Review of technical specifications, method statements, and contractor-generated data and reports
- Presentation of technical results both internally and to clients
- Mentoring and coaching support for colleagues, entailing oversight of their interpretation output and contribution to the development of their skills and technical understanding and career progression
- Contribution to the development of best practices across the company's activities
- Contribution to research and development activities both in-house and as a service to clients
- Maintenance of awareness of developments in the terrestrial environment and engineering geophysics markets

- Proactive involvement in the preparation and delivery of professional training programmes
- Participation in and contribution to the development of suitable internal processes in compliance with ISO 9001 and 14001.

The qualifications, skills and experience required for this role are:

Essential

1) Relevant geophysics degree to **PhD level**
2) Significant experience working as a geophysicist on near-surface, high-resolution environmental and engineering geophysical surveys
3) High proficiency in seismic-based techniques (MASW, seismic refraction and reflection, downhole, HVSR)
4) Basic proficiency as a minimum in the acquisition, data processing, and interpretation of all other common surface geophysics techniques for engineering and environmental applications
5) Proficiency in the management of technical projects within budget and to deadlines
6) Experience of management at a mid-senior level
7) Strong project management, leadership, and interpersonal skills
8) Excellent written and verbal communication in English
9) Proficiency in working with MS Office software (Word, Excel, PowerPoint) and CorelDraw
10) A current driving licence
11) A current passport
12) Right to work in the UK.

Desirable

1) Familiarity with the role of geophysical surveys for UneXploded Ordnance (UXO) detection
2) Experience of working within a (UK-based) geophysical contracting company
3) Basic proficiency in the use of ESRI ArcGIS and/or Geosoft Oasis Montaj in subsurface investigations
4) Fellow of the Geological Society and Chartered Geologist status (or application in progress).

Location, package, and remuneration for our Snr (Terrestrial) Geophysicist role

Our Senior (Terrestrial) Geophysicist will be based in Mold, north east Wales, near Chester. However, there may be occasions when it is necessary to work at other locations within the UK and possibly overseas.

Remuneration will be based on your expertise, experience and potential and will be in the range of **£41,880 to £56,040**.

A Relocation Allowance will also be available should you need to move to the area from outside NW England/N Wales.

The start date is as soon as possible in late **2020**.

What is Mold in Wales like?

The small market town of Mold is bucking the economic trend and has a thriving high street and lively twice-weekly outdoor market. It is nestled in the Alyn Valley surrounded by hills and areas of outstanding natural beauty. It's Theatr Clwyd is one of the best regional theatres in the UK and the larger shopping areas associated with Chester and Wrexham are easily accessible.

The international airports of Liverpool and Manchester are both within 45 minutes' drive of our office in Mold. London can be reached by train from Chester in just over 2 hours. The area hosts all the sporting amenities anyone could want and, if mainstream city life is your thing, Manchester and Liverpool are only an hour's drive away.

How to apply

If you are interested in working in a small, lively, and dynamic consultancy that punches above its weight and leads its chosen fields, then please send us the following to submit your application:

1) A detailed covering letter explaining why you should be considered for this role
2) A copy of your CV
3) Your annual starting salary expectation.

Email the above three documents to our office manager, **Mrs Deborah Lee** at **info@reynolds-international.co.uk**.

There is **no closing date for applications**. Applications will be considered on their own merits until the position has been filled.

Reynolds International Ltd is an equal opportunity employer and you are welcome to read through our recruitment procedures and associated privacy policies — just let us know when you send in your application and we'll send you the relevant documents.

If you do not receive a response from us within 4 weeks of your application, then your application has not been successful.

Selected candidates will be called for interview and will be required to give a 15-minute PowerPoint presentation. This will be recorded and will be on a technical subject which we mutually agree on in advance.

If you'd like to find out more about Reynolds International Ltd, please visit www.reynolds-international.co.uk.

REYNOLDS INTERNATIONAL

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