

JOB DESCRIPTION

LEAD ENGINEER FOR SUBSEA PIPELINE SYSTEMS



Location: London or Aberdeen
Salary: Negotiable
Job role: Lead Subsea Pipeline Engineer
Job type: Permanent

KW Ltd is an independent engineering company offering design and analysis as well as specialist consultancy and third party support services in Subsea Pipelines and Structures. We also provide specialist services in marine and coastal engineering, and in the emerging wind farm sector.

We have an international reputation for independent, innovative and high quality engineering. Our clients appreciate our flexible and responsive service, delivering added value in the form of safe, reliable and cost effective solutions.

The company has an impressive track record serving oil and gas majors and independents, installation contractors and suppliers. Our strength and differentiator is in the technical excellence and attitude of our team: we employ highly experienced engineers with wide ranging competencies in structures, geotechnical, civil and mechanical engineering. We have the ability to deliver tailored solutions whether in the context of conventional Subsea tie-back projects in the North Sea, or of some of the most challenging projects worldwide involving deepwaters, HPHT and extreme natural environments

We are currently in the process of expanding our services by offering our clients a more extensive concept and FEED design capability as well as taking our integrity engineering expertise gained through our consulting projects a step further into a more integrated Integrity Management service, with technology focus as a driver to realise cost effective solutions.

Our growth is driven through international expansion; we have a growing international portfolio, currently covering the North Sea, North Africa, West Africa, East Africa, the Arabian Gulf, India, Mexico and Malaysia.

We are seeking a **Lead Subsea Pipeline Engineer** to join our team in London or Aberdeen. There is potential for future relocation to other KW offices.

You can check out our website at www.kwltd.com for further information.

Reporting to:

- Immediate supervisor or Project Manager as assigned

Key Responsibilities and Duties:

- Perform engineering duties as advised and under supervision of Project Manager, Discipline Consultant or Technical Director
- Deputise for Project Manager or Discipline Consultant
- Supervise and co-ordinate assigned engineers and draughtsmen
- Writing and checking of design deliverables
- Interface and manage third party and sub-contractors
- Support and mentoring to junior engineers
- Preparation of Proposals and / or review of Proposals
- Identification of potential research and development

- Liaise with material and equipment suppliers
- Contributing to the development of engineering methodologies and tools
- Undertaking assignments in other KW offices, client offices, vessels or site
- Writing, publication and presentation of technical papers

Required Competencies and Experience:

- At least 10 years working experience of which a minimum of 6 years within offshore pipeline and subsea *design*
- Experience from design engineers/consultants or installation contractors preferred
- Leading project teams in design of subsea pipeline systems
- Competent in subsea pipeline design
- Competent in use of relevant codes and software
- Good knowledge of subsea systems and installation methods including hardware
- Construction and offshore experience desirable
- Materials knowledge desirable
- Conceptual and FEED experience desirable
- Flow assurance knowledge desirable
- Client interface experience
- Project management experience desirable

Preferred Software Experience:

- Sage Profile
- Orcaflex/Flecom or similar
- FS2000
- Abaqus
- MathCad
- MS Word and Excel

Qualifications:

- Relevant degree qualified
- Specialist Masters welcome
- Chartered status welcome

Other:

- Willingness to travel on international assignments preferable