

JOB DESCRIPTION

SENIOR SUBSEA PIPELINE ENGINEER



PLACE: FRANCE - KUALA LUMPUR - DENMARK

OCCUPATIONAL CATEGORY: EXECUTIVE

OPEN-ENDED CONTRACT

COMPANY

Principia (110p - 13M€ revenue) is a company specialized in engineering and scientific expertise, occurring in Energies' business sectors (oil & gas, renewable marine resources, nuclear energy) and in Naval / Defense ones. With a well-known experience of more than 35 years, Principia supports the main industrial companies in their conception process and in their facilities' maintenance in operational condition, offering a wide range of high value-added services (R&D, expert software, engineering studies, expertise and trainings).

RESPONSIBILITIES

- . Take responsibility for engineering tasks and perform associated calculations:
 - . Pipeline design based on oil & gas standards: Api, ABS, Dnv, Bv, Gl, Eurocode, etc.
 - . Detailed Non-Linear FE analyses (lateral / Up-heavel buckling analysis, free span assessment, On-bottom stability analysis)
 - . Write and check calculation notes, analysis reports, specification of materials
- . Liaise with material and equipment suppliers
- . Ensure interface with the client
- . Support the commercial department: writing of offers, presentation
- . Supervise and coordinate engineers and draughts men
- . Project Management: delivery, cost, operational schedule, reporting
- . Undertake assignments in other PRINCPIA offices, clients' offices, vessels or on-site

JOB PROFILE

Our scope of services for subsea pipeline activities:

- . Design and FEED studies
- . SURF detailed engineering packages
- . Independent design verification analysis
- . Ancillary equipment design: bend stiffener or restrictor, and installation aids
- . Expertise in hydrodynamics, vortex induced vibrations, structure in any type of risers systems,
- . Expertise and analysis for installation of pipelines, risers and subsea equipment,
- . Research and development projects and JIP

SKILLS & EXPERIENCE

- . Bachelor Degree in Engineering (Naval architecture, Ocean, Mechanical or Marine)
- . 5 years minimum experience with a minimum of 3 years direct offshore pipeline and subsea design experience
- . Preferably gained experience in design engineers/consultants or installation contractors
- . Competent in subsea pipeline design
- . Competent in use of relevant codes and software (Ansys/Abaqus)
- . Specialist knowledge in materials or corrosion beneficial
- . Experience with project management
- . Good communication skills. Fluency in English and French is a clear asset
- . A good team player. Self-motivated with a drive for results, improvement and innovation

To apply: job@principia.fr