JOB DESCRIPTION

Offshore Structure Engineer

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:
  - Offshore structure design based on oil & gas standards (Api, ABS, Dnv, Bv, Gl, Eurocode, etc.)
  - Detailed Non-Linear FE analyses
  - 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 co-ordinate engineers and draughts men
- Project Management: delivery, cost, operational schedule, reporting
- Undertake assignments in other PRINCPIA offices, client offices, vessels or on-site

JOB PROFILE
Our scope of services for offshore metallic structures:
- Pre-project and feasibility studies,
- Design and FEED studies,
- Detailed engineering packages,
- Independent design verification analysis,
- Interface with equipment,
- Expertise in structural analysis, detailed fabrication, drawings
- Expertise and analysis for Load out, transportation and installation of offshore structures,
- 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 structure design and engineering experience
- Preferably gained experience in design engineers/consultants or installation contractors
- Competent in use of relevant codes and software:
  - Engineering software: AutoCAD/OpenInventor, ABAQUS, NSO/ISYMOST, SACS, DEEPLINES
  - Offshore rules: API, AISC, DNV, ABS, BV, ASME...
- 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