

JOB DESCRIPTION

OFFSHORE STRUCTURE ENGINEER

LA CIOTAT OR NANTES | EXECUTIVE | OPEN-ENDED CONTRACT



OPPORTUNITIES

PRINCIPIA is currently searching for talented **Offshore Structure Engineer** to support the Floating Structure Group based in France (La Ciotat or Nantes) with hybrid working options.

The Engineer will have an opportunity to work on particularly complex design challenges using PRINCIPIA's internal suite of analysis tools to develop solutions that meet the needs of our range of national and international clients. This is a permanent contract position.

PRINCIPIA is currently providing the engineering services to deliver some of the latest, challenging subsea projects in the Europe and around the globe, for the Oil & Gas and Marine Renewable industries. This is a great opportunity to assume a leadership role on major execution projects and R&D work.

RESPONSIBILITIES

- ◆ Take responsibility for engineering tasks and perform associated calculations:
 - Offshore structure design (Beam, FE model); analytical checking
 - 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 PRINCIPIA offices, client offices, vessels or on-site
- ◆ 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

PRINCIPIA

is an innovative engineering services company specialized in the offshore industry (oil & gas, renewable energies), nuclear and shipbuilding.

With more than 40 years of experience and a strong technical expertise (more than 100 engineers and experts), Principia provides high value-added service solutions: FEED and detailed design projects, calculations and scientific expertise, engineering software, monitoring solutions, and R&D studies.

We have offices in France (La Ciotat - Nantes) and Malaysia (Kuala Lumpur).

SKILLS & EXPERIENCE

Bachelor's Degree in engineering (Naval architecture, Ocean, Mechanical or Marine)

Recent graduate to 5 years' experience

Competent in use of relevant codes and software:

- Engineering software: AutoCAD/Open Inventor, ABAQUS, NSO/ISYMOST, SACS, DEELINES
- Offshore rules: API, AISC, DNV, ABS, BV, ASME...

Experience with project management

TO APPLY

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