

JOB DESCRIPTION

OFFSHORE STRUCTURE ENGINEER



PLACE: FRANCE (LA CIOTAT, NANTES)

OCCUPATIONAL CATEGORY: EXECUTIVE

OPEN-ENDED CONTRACT

COMPANY

Principia (90p – 11M€ 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 (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

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)
- . Experience : 0-5 years
- . 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