

JOB DESCRIPTION

SENIOR STRUCTURAL DESIGNER

LA CIOTAT OR NANTES | EXECUTIVE | OPEN-ENDED CONTRACT



OPPORTUNITIES

PRINCIPIA is currently searching for talented **Senior Structural Designer** to support the Offshore 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

- ◆ Perform and/or supervise Structural Design, the Associated Drawings, the weight control report, and Material Take-Off
- ◆ Used to Offshore Structure (tubular subsea structure + deck/topside structure) and Naval Structure (reinforced shell panel) from conceptual design to design for construction
- ◆ Use industry standard software (AutoCAD 2D/3D, Rhino), a specialized software would be a plus (e.g., Inventor, Tekla, MicroStation...)
- ◆ Manage design including:
 - Budget evaluation & proposal preparation together with structural and hydrodynamic engineers
 - Internal coordination of the team, including the supervision and mentoring of designers
 - Management of the planning, cost/time control aspects to report to Project Manager and meet project requirements and deadlines
 - Technical interface internally with calculation engineers and externally with client and reporting
- ◆ Participate to maintenance and development of design procedure and related QA/QC
- ◆ Involvement in projects for the Oil & Gas and Marine Renewable Energy industries

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

Experience: Min. 10 years with at least 3 years in a similar position

Strong knowledge in codes, standards, methodologies, and state of the art structural design approaches

Strong knowledge in either AutoCAD, Rhino, Inventor

Good communication skills. Fluency in English is mandatory

A good team player. Self-motivated with a drive for results, improvement, and innovation

TO APPLY

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