

# JOB DESCRIPTION

## LEAD STRUCTURAL ENGINEER



PLACE: FRANCE (LA CIOTAT OR NANTES)

OCCUPATIONAL CATEGORY: EXECUTIVE

OPEN-ENDED CONTRACT

### COMPANY

PRINCIPIA is currently searching for a talented **Senior/Lead structural Engineer** to support the Floating Structure Group based in France (La Ciotat or Nantes).

The **Senior/Lead Structural Engineer** will have an opportunity to work on particularly complex design challenges to develop solutions that meet the needs of our range of national and international clients. This is a staff 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 numerical analyses on structural (shell & beam from conceptual design to full detailed engineering and in-service integrity verification.
- . Use industry standard software (e.g.FEMAP, ANSYS, ABAQUS,VERISTAR HULL ...)
- . Manage project including:
  - o Budget evaluation & proposal preparation
  - o Internal coordination of the team (design engineers)
  - o Management of the planning and cost control aspects to meet project requirements and deadlines
  - o Technical interface with client and reporting
- . Supervise and mentor young engineers
- . Participate to R&D Projects and development of new numerical tools
- . Involvement in projects for the Oil & Gas and Renewable Energy industries

### SKILLS & EXPERIENCE

- . Bachelor Degree in Naval Architecture, Mechanical or Ocean Engineering
- . Experience: Min. 10 years with at least 3 years in a similar position
- . Strong knowledge in codes, standards, methodologies, numerical tools and state of the art structural design approaches
- . Strong knowledge in either ABAQUS, ANSYS, FEMAP including VERISTAR HULL
- . Good communication skills. Fluency in English is mandatory
- . A good team player. Self-motivated with a drive for results, improvement and innovation

To apply: [job@principia.fr](mailto:job@principia.fr)