

JOB DESCRIPTION

LEAD FOWT ENGINEER

LA CIOTAT OR NANTES | EXECUTIVE | OPEN-ENDED CONTRACT



OPPORTUNITIES

PRINCIPIA is currently searching for talented **Senior/Lead FOWT 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

- ◆ Perform and/or supervise numerical analyses on floating wind turbine systems from conceptual design to full detailed engineering and in-service integrity verification
- ◆ Use industry standard software (e.g., Deeplines, Diodore, ABAQUS, ...)
- ◆ Manage FOWT Projects including:
 - Budget evaluation & proposal preparation
 - Internal coordination of the team (design engineers)
 - Management of the planning and cost control aspects to meet project requirements and deadlines
 - Technical interface with client and reporting
- ◆ Supervise and mentor young engineers
- ◆ Participate to R&D Projects and development of new numerical tools
- ◆ Expertise and innovation on FOWT design

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 Naval Architecture, Mechanical or Ocean Engineering

Min. 10 years with at least 3 years of experience in a similar position

Strong knowledge in codes, standards, methodologies, numerical tools, and state of the art FOWT design approaches

Strong knowledge in either Deeplines/ Orcaflex and Diodore, Hydrostar, Ariane

Good communication skills

TO APPLY

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