

JOB DESCRIPTION

LEAD FOWT ENGINEER



PLACE: FRANCE (LA CIOTAT)

OCCUPATIONAL CATEGORY: EXECUTIVE

OPEN-ENDED CONTRACT

COMPANY

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

The **Senior/Lead FOWT 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 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 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:
 - 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 FOWT design approaches
- . Strong knowledge in either DEEPLINES/ Orcaflex and DIODORE, HYDROSTAR, ARIANE
- . 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