

JOB DESCRIPTION

PIPELINE / CABLE ENGINEER

LA CIOTAT OR NANTES | EXECUTIVE | OPEN-ENDED CONTRACT



OPPORTUNITIES

PRINCIPIA is currently searching for talented **Senior/Lead Pipeline Engineers and Pipeline/Cable engineers** 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

- ◆ Ability to work on Marine Renewable Projects (e.g., Offshore Wind Farms) and Oil & Gas Projects and on a large range of topics
- ◆ Perform and/or supervise typical pipeline/cable design activities from conceptual design to full detailed engineering and in-service integrity verification
- ◆ Perform and/or supervise pipeline non-linear FE analyses (e.g., global buckling analysis, free span assessment, On-Bottom stability analysis)
- ◆ Interpretation of results and development of design solutions in accordance with applicable Codes & Standards
- ◆ Writing and checking of analysis reports
- ◆ Manage Pipeline Projects for lead engineers including:
 - Budget evaluation & proposal preparation
 - Internal coordination of the team (junior and/or senior engineers) depending on the candidate experience
 - Management of the planning and cost control aspects to meet project requirements and deadlines
 - Technical interface with Client and reporting

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 engineering (Ocean, Mechanical or Marine)

Minimum 7 years, with at least 3 years' experience in a similar position, for lead engineer / 2 years minimum for pipeline/cable engineer.

Competent in subsea pipeline design

Strong knowledge in FEA and particularly using ABAQUS with an experience in pipeline non-linear FE analyses

Good communication skills

TO APPLY

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