

JOB DESCRIPTION NORTHCONNECT

CONNECTING RENEWABLES

Title:	Cable Expert
Location	Flexible, in parts at project office Oslo, in part at suppliers', available to travel
Closest superior / reporting	Engineering Manager

Background

The NorthConnect project aims to develop, consent, design, build and operate a high voltage direct current (HVDC) electricity interconnector across the North Sea between Sima in Norway and Peterhead in the United Kingdom. The interconnector cable will have a length of 655km, and capacity of 1,400 MW. The intention is for the HVDC interconnector to be operational by 2022. More Information is available at www.northconnect.no

Main Objectives

Work will be planned and coordinated with Engineering Manager

- Production of HVDC Cable Supply FEED study
- Develop technical specification of HVDC and HVAC cables
- Contribute to a successful procurement process
- Review cable related technical documentation
- Inspect cable manufacturing, witnessing testing, consequent reporting
- Support the overall development of the project

Required qualifications and competencies

Formal education:

- College or university degree within technology (preferable high voltage engineering)

Professional experience:

- Significant hands-on project experience from large submarine HV Cable projects, specifically design, manufacturing, testing and associated QA procedures.
- Earlier employment by manufacturer is an advantage
- Experience of representing Client in large HV submarine cable projects, at least 2 such projects.

Further knowledge:

- Very good understanding of design processes and studies for HV Cables
- Very good understanding of manufacturing and testing of HV Cables
- Good understanding of submarine cable installation processes and principles
- Good understanding of interface issues with stations

Personal skills:

- Structural approach and goal oriented
- Experienced team player
- High standards in writing technical English
- Communication skills English, oral and reporting

Application:

- Note this is not anticipated to be a full-time position.
- Workload variable, may be approximately 50% of a full-time position.
- Candidates should send a CV, a narrative in English describing qualifications and experiences applicable for this position, proposed hourly rates in NOK or GBP excluding VAT, contact details, references (minimum 2), and a note on availability to fredrik.ruter@northconnect.no