

Electrical Engineer for ProCon Group in Aalborg, DK



The best in class Electrical Engineer

ProCon Wind Energy offshore activities are growing globally, which is why we are looking for a talented and experienced Electrical Engineer from a similar position within Offshore Wind Applications.

About us

As a part of ProCon Group, ProCon Wind Energy provides custom-built solutions and technical equipment to the global wind industry. We are well experienced in designing and engineering electrical systems and our offshore wind solutions cover projects within transformer and service platforms, transition pieces and wind turbine towers' internal systems.

You can learn more about us by visiting our website www.procon.as

The job

We offer a unique opportunity to participate in all relevant disciplines in large-scaled offshore wind projects within R&D design and implementation, where some of the tasks will be:

- Completing electrical design on foundations (transition pieces)
- Ensuring compliance with applicable standards and regulations
- Cooperating closely with the project team, clients and stakeholders to deliver the best solution
- Designing and specifying earthing systems hereunder overvoltage protection
- Preparing short-circuit calculations, cable routing and cable cross section drawings as well as earthing and bonding design

Your role of responsibilities

- Gather technical requirements for wind turbine contracts
- Manage technical supplier agreements within wind farm projects, including following up on requirements and identifying opportunities for improvements in cost and lifetime production
- Quality assurance of wind turbine suppliers as well as sub-suppliers
- Follow up on technical issues during design, manufacturing and installation
- Manage internal and external stakeholders
- Calculate and provide input to the Engineering team and Tender Manager during project bidding process
- Implementing cost effective and flexible construction and installation solutions in close collaboration with the different departments
- Grid code requirement studies hereunder analysis, calculation and simulation for relevant project

- Documentation (design specifications, drawing, calculation and test verification reports, etc.)

Your Qualifications

As an electrical engineer it is a requirement that you have a fundamental understanding of wind turbine power systems. Moreover, you have additional specialist knowledge of construction and process engineering. Besides this we expect that you:

- Have an electrical engineering degree or similar (B.Sc. / M.Sc.)
- Have minimum 5 years' experience as engineer – additional experience as project manager of large-scaled offshore Wind projects is an advantage
- Are able to identify actions needed to mitigate risks and can manage these actions together with all stakeholders
- Have strong communication skills which will come into play when presenting technical solutions internally and externally to clients
- Have fluent language skills in Danish, English and preferably German (oral and written)
- Have knowledge of high voltage equipment as MV/HV transformers, switchgears, cables and other related area to advice the clients
- Are super-user in Microsoft Office
- Are experienced in Matlab Simulink or Mathcad, Digsilent Power Factory or PSCAD, FEM, E-Caddy, Autocad 3D or Pro-E
- Can work with multiple project at the same time without losing focus
- Must have a valid driver's license

What we can offer

For the right candidate there is an exciting opportunity looking ahead. We offer an attractive working environment with a good work-life balance where there is a short way from decision making to project execution. Furthermore, we offer an attractive salary package based on your qualifications and experience.

Work location

You can choose to work from one of our Danish offices in Aalborg, Aarhus or Esbjerg. Both national and international travel activity must be expected (around 40 days a year).

Job start

As soon as possible but we are willing to wait for the right candidate.

Contact

For more information about the position, please contact our HR Department, Allan Eskildsen on phone +45 22 22 52 63 or send an email to sml@procon.as

Deadline

We encourage you to apply as soon as possible as we will call for job interviews regularly.

You can apply for the position by following [this link](#)