

LOW VOLTAGE ENGINEER

The Electrical Systems department in BIIR Consulting firm looking for a competent and experienced EEngineer to work within the Low Voltage field (LV).

Responsibility

- Fundamental understanding of low voltage systems to advice our clients in design and running projects from A-Z.
- Know-ledge of LV Electrical Components and other related area to advice and participate to select the optimal solution for our clients' needs.
- Electrical PCB design and layout for Cabinets and integration.
- Design of breaker/ Busbar/cables systems for LV power converters according to standards
- Design and development of power supplies (SMPS and AC/DC, DC/AC, DC/DC converter topologies) and other analogue electronic devices as HW control/ steering for mechanical rotating systems.
- Other Electrical Components know-how within wind turbine applications to assist our clients.
- Power Electronics analysis, calculation and simulation for relevant projects.
- Gatekeeper for relevant projects by working close with our clients, their suppliers and the utility.
- Provide other relevant technical clarification to our clients during the projects.
- Participate in relevant design reviews with our clients.
- Documentation (design description / specification, drawing, test verification reports etc.) in close collaboration with our clients during the projects.

Tasks can vary from complex development of new systems and concepts to implementation of improvements in the existing LV electrical systems / cabinets.

Each project deliverables (LoD) will be aligned with our clients based on their needs prior project start.

Qualification

- B.Sc. / M.Sc. E-Engineer degree (Electronic / Electrical, Power Electronic degree) or similar
- 5 years design and practical experience with low voltage systems
- Experienced in working on varied engineering task levels
- Fluent in Danish and English (communication and reading/writing)

Competence

Personal

- Ambitious, communicative, innovative, open-minded, quality-minded, self-motivated, trust-worthy and robust.
- Good at multi-tasking without losing control
- Good at presenting technical solutions internal and external for our clients.
- Good at keeping the project time line
- Willing to travel to our client's facility mainly within Denmark (BIIR work location is Aarhus)

IT

- Microsoft Office
- Matlab (Simulink) or Mathcad, FEM, Autocad or Pro-E, PSpice or Protel, PCB layout design, ESD design

In this position we offer an exciting and challenging job opportunity both on professional and personal level with varied engineering tasks with close collaboration to our clients where not a single day is same.

Furthermore, we offer an attractive and fixed contract with a salary package which match the market, including bonus based on performance.

Are you interested in the above position please send your application / cover letter together with CV to our HR department, Jens Jacob Troensegaard, jjt@biir.dk.

For additional information about the position please contact our Senior Electrical Specialist, Pezhman Nakhost on tel. no. +45 4177 0720 or mail to pnn@biir.dk.

Please send your application as soon as possible, as we will close the position when we find the right candidate.