Our Client: Company Profile

DS-wind NV is primarily a research and development company, specialized in the design and engineering of mid-size wind turbines, which today range between 25 kW and 1 MW. Current international trends show that demand for this type of wind turbine is stronger than ever. Building on more than 20 years of experience of the company’s predecessor Turbowinds, our client is known for high quality, reliable products, customer friendly design and experienced engineering and project management. DS-wind has the experience and the commitment to further evolve into one of the most mature and respected players in the renewable energy market. To sustain their growth, our client is looking for intelligent, energetic engineers with an open mind towards (collaboration with) different cultures and a sincere interest in renewable energy development.

Vander meiren & Pauwels Recruitment leads the search for a (m/f)

Structural Engineer Sustainable Energy: Wind Turbine Development

Join an experienced R&D team / Structural Engineering / Land based wind turbine projects / Direct and positive impact on life in remote communities / Interesting career path / Limited travel 10%

Function

The Structural Engineer’s goal is to successfully develop high quality structural systems for mid-size wind turbines and solar photovoltaic modules within budget and on time. As part of the R&D team you will be guided by senior team members and will work in close cooperation with the Aerodynamics and Aeroelastics Expert.

The responsibilities of the Structural Engineer are mainly within the civil engineering and quality assurance domains, among them:

- Contribute to research, development and innovation activities;
- Generate technical documentation such as technical specifications, project reports, procedures, diagrams, drawings, certification files and manuals;
- Contribute to load calculations, towers and foundations;
- Prepare project proposals, develop new ideas and concepts and motivate improvements;
- Ensure high quality results according to defined scope, budget and schedule, using scientific and engineering knowledge as well as industry best practices, norms, codes and standards;
- Design, dimension, select and secure structural equipment and constructions related to wind and solar pv power;
- Establish and maintain excellent communications with stakeholders (internal: colleagues and partners, and external: clients, suppliers, authorities, etc.);
• Contribute to project development activities such as: on site assessment, technical due diligence, procurement and construction of wind energy projects;
• Represent the company in meetings, events, seminars and field missions;
• Belgian HQ is located in Genk, Limburg province.

Skills and Qualifications

• Civil engineer / Structural engineer;
• Ideally 3 to 5 years of professional experience - highly capable junior engineers are welcome to apply; knowledge of wind turbine tower and foundations is an asset;
• Excellent communication skills in the English and/or French language;
• Ability to write high quality reports;
• Strong analytical, quantitative and problem-solving skills, critical thinking;
• Strong interpersonal skills and the ability to effectively work within multi-disciplinary project teams and the ability to function independently;
• Proficiency in Microsoft applications and specialized engineering software such as AutoCAD, Ansys and/or Solidworks;
• Ability to model and simulate complex structures and assess them by Finite Element Analysis (FEA) and Failure Mode and Effect Analysis (FMEA);
• Ability to collaborate with and work alongside coworkers in a variety of fields including site development, infrastructure design and construction;
• Creative, detail oriented, committed, reliable, proactive and energetic;
• Ability to travel 10%.

Offer

• Challenging work environment where engineering skills and dedication to quality are very important;
• High social relevance: your work effectively brings electricity to remote (African) villages/communities;
• The opportunity to broaden your horizon and to hone your social and engineering skills;
• Training and on the job development in a very experienced R&D team;
• Full-time permanent employment contract;
• Effort, dedication and initiative are appreciated and rewarded;
• Competitive and comprehensive salary package.

Contact us!

If you believe you have what it takes to make things happen in this role, we would like to hear from you.

Please send your CV and Cover Letter to info@vp-recruitment.be quoting “ref 0307”. Feel free to call Wim Vander meiren (0032 (0)489 585 566) or Manu Pauwels (0032 (0)489 585 565).