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PROPOSAL FOR THE ASSIGNMENT OF THE R1 PROJECT ENGINEER FOR POWER SYSTEMS (NºRef.6/2020)

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Project Engineer for Distribution network demonstrator development:

The Electrical Engineering Department announces a position as Project Engineer (R1) for Distribution network demonstrator development. The candidate will be the technical manager of a demonstrators to be developed within the EU project COORDINET asking as PMO. The tasks to be carried out include "pilot" management including task planning, follow-up of people involved and support to implementation and data acquisition. In addition, the candidate will develop model simulations for development of new controls, strategies and state-estimation tools to exploit grid flexibility which may be also validated within the pilot.

These activities require knowledge and high interests on smart grids, renewables, energy storage, electric mobility and grid integration. Knowledge on design and implementation of automation and controls systems, communications, micro grids components, electrical equipment and power systems may be beneficial. The position requires a candidate with high interest and capacity to work on laboratory experimental facilities. The professional is expected to actively participate in current and new research projects (competitive and industrial) within the group.

Qualifications and experience required:

Essential:

- Bachelor or Master in electrical engineering, industrial engineering, or energy engineering.
- Experience in working in collaborative projects.
- Skills on several of the following fields are required:
 - o Energy sector and electrical networks
 - o Renewable energy sources
 - o Modelling and analytics
 - o Digsilent Power Factory, Matlab or PSSE

Language required:

- Good communications skills in Spanish and English are mandatory.
- Knowledge of Catalan will be beneficial.

Personal Skills:

- Team Worker.
- Initiative and interest in Research and Innovation.
- Flexibility.
- Results-oriented and capacity to meet deadlines.
- Analytical and synthesis capabilities.
- Good people treatment.
- Capacity to work under stressful situations.

What we offer:

Salaries will be paid in accordance with the IREC's salary policy, depending on the candidate's qualification and professional experience.

How to apply:

Send applications by email directly to HR office (irecjobs@irec.cat), Cristina Corchero (ccorchero@irec.cat) and Jose Luis Domínguez (jldominguez@irec.cat) including CV and motivation letter.