Electrical Design Engineer (medium and high voltage)

Location
Iasi, Romania

Context
Arcadis is the leading global Design & Consultancy firm for natural and built assets. Applying our deep market sector insights and collective design, consultancy, engineering, project and management services we work in partnership with our clients to deliver exceptional and sustainable outcomes throughout the lifecycle of their natural and built assets. We are 28,000 people active in over 70 countries that generate more than €3 billion in revenues. We support UN-Habitat with knowledge and expertise to improve the quality of life in rapidly growing cities around the world. [www.arcadis.com](http://www.arcadis.com).

MEP and services competence center consists in a group of specialists on mechanical, electrical and plumbing (MEP) engineering, aiming for continuous improvement in order to facilitate the development of comfortable and environmentally friendly systems for modern buildings.

Our services are sub-divided into the following:
- Communication lines, telephones and IT networks (ICT);
- Energy supply - electricity and renewable sources;
- Fire detection and protection;
- Heating, ventilation and air conditioning (HVAC);
- Lightning protection;
- Low voltage (LV) systems, distribution boards and switchgear;
- Natural lighting and artificial lighting;
- Security and alarm systems;
- Ventilation and refrigeration;
- Water, drainage and plumbing.

The group is using the latest software solutions for computer aided engineering and computer aided design in order to provide the highest quality services, varying from 2D drafting and 3D modelling to computing and Building Information Modelling.

Our specialists can offer drafting, support or complete services depending on the type of the project.

Reporting lines
Design Leader

Job description
Your main responsibilities will include:
- Design of power systems for medium and high voltage: calculations, drafting;
- Provides engineering information for electrical systems according to the requests;
- Design of earthing system;
- Design of lightning protection systems;
- Coordinates the design of electrical installation with other specialties;
- Provides bill of quantities for the designed electrical systems;
- Design of power substations, electrical networks for transport and distribution.

This is a full time role.

Requirements
The candidate should have:
- At least Bachelor Degree (Power electronics and electric drive or Electrical power systems engineering);
- 3 to 8 years of proven professional experience in electrical design field (combined low and high voltage or mid and high voltage);
- Solid knowledge of specialized software (Elcad, Eplan, AutoCAD etc.);
- Strong English language skills;
- Technical and quality focus;
- Great interpersonal skills (team work, supportive attitude, eager to learn, proactivity);
- Professional approach to time, costs, and deadlines.
Main working contacts

- Project’s Team
- Design Leader
- Technical Leader

What do we offer?

We offer a dynamic challenging job with international focus in a pleasant working climate, attention to education and a competitive remuneration package reflecting the seniority of the role. You will have a great deal of responsibility with endless opportunity for impact and freedom for initiatives. Given the international spread of the business a certain level of flexibility in working hours is important.

We look forward to receive your CV in English on our email address: jobs@arcadispe.ro. Please keep in mind that only the short-listed candidates would be contacted for a face to face interview.

Recruitment agencies need not to respond. Details from this vacancy are not to be used for marketing purposes.

Arcadis. Improving quality of life.