

EDMS NO.  
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REFERENCE : NOT REQUIRED

## EN-EL Resources request

**Date:** 2020-04-02**Project/Activity:** EN-EL**Title Position/Task:** Electrical designer for low voltage distribution projects.**Description Project:**

The Electrical Engineering Group (EN-EL) at CERN is responsible for the electrical power-distribution network (from 400 kV to 400/230V), for the fibre-optics infrastructure, and for signal and DC-power cabling for the accelerator complex.

You will join the electrical Design and Documentation office (DDO), you will support design managers in projects related to the design of low voltage distribution (AC+DC) networks, lighting studies and earthing studies. You will participate in a large variety of tasks from draftsman activities, database work and low voltage electrical design tasks.

**Task:**

You will support the design managers in:

- Creation of design drawings and updating existing drawings using AutoCAD;
- Creating cabling lists and installation drawings;
- Updating project information into CERNs respective databases.
- Following a support role in the design of low voltage distribution networks;
- Design of lighting systems for buildings and external areas using DIALux;

It is expected of you to progressively acquire the capacity of solving technical problems and dealing with design projects of increasing complexity, after a training period of six months.

**Profile:** Bachelors/Masters degree in electrical engineering**Experience:**

Proficient in Autocad (or similar). Demonstrating experience in the design of low voltage electrical installations and lighting designs would be a benefit.

**Specific details:** Candidates will be expected to possess a good working knowledge of either English or French.**Requester:****Approved by:****Budget code:****Visa Budget Officer:****APT Wu:****Date Visa:****Distribution List:****Proposal:**

To be filled by the University with reference to list of candidates or team work proposal