



## **SOLAR PV DESIGN ENGINEERS**

SUNEL Group is seeking experienced Solar PV Electrical and Civil Engineer Designers to join our Engineering Team for a large pipeline of solar PV projects, mainly in the United Kingdom and EMEA regions.

### **RESPONSIBILITIES**

- Critical analysis of project documentation to understand project design requirements - including planning documents, Client specifications, and research into local codes and standards in order to incorporate them into the design process.
- Design of large-scale ground-mounted solar PV projects from 10-200MW to include:

Electrical:

- Preliminary layout of PV modules across site plots/fields
- Preliminary electrical configuration and single line diagram (SLD)
- Preliminary energy study (using PVSYST)
- Interact with main equipment suppliers to answer and close technical queries in order to select equipment and proceed to orders
- Requests for quotation (RFQs) to Suppliers in conjunction with the Construction Team
- Executive design to include layouts, SLD, PVSYST, bill of materials, all construction details
- Preparation of all documentation for technical due diligence with the Client's Technical Advisor (in conjunction with the Project Manager)
- Construction support to the Project Manager, Site Engineers, and subcontractors
- Preparation of all as-built documentation in conjunction with the Construction Team

Civil:

- Design of civil foundations and bases for substations in accordance with local and national standards – elevations, cross sections, bills of materials (steel, concrete etc), construction details
- Design of internal roads in accordance with local and national standards
- Design of drainage layouts, in accordance with Flood Risk Assessment requirements
- Critical review of geotechnical studies and pull-out tests to inform mounting structure foundations design (pile depth and cross sections), plus any reinforcements/pre-drilling needed
- Design of trench cross sections (in conjunction with Electrical Engineers) in accordance with local and national standards

### **QUALIFICATIONS AND EXPERIENCE**

#### **Essential:**

- Master's degree or Diploma in the Electrical / Civil Engineering
- UK design experience – knowledge of electrical/civil local and national standards
- Expert use of AUTOCAD software
- Expert use of PVSYST (Electrical Designers)
- Experience of LV and MV electrical schematics (Electrical Designers)
- Experience of civil foundation, drainage design (Civil Engineers)
- Proven track record in the design of large-solar plants 10MW+, with a minimum of 2-3 years of experience in utility scale PV installations / civil installations
- Excellent organisational, communication and interpersonal skills
- Fluency in English and Greek

### **LOCATION**

- Athens, Greece



## SALARY

- Remuneration package dependent on experience.

Please send CVs and covering letters to both the following persons:

- 1) Helen Daniel-Young, Project Director (UK & Ireland), at [h.danielyoung@sunelgroup.com](mailto:h.danielyoung@sunelgroup.com)
- 2) Eleftheria Katroutsou, Operations Assistant, at [e.katroutsou@sunelgroup.com](mailto:e.katroutsou@sunelgroup.com)

Please clearly state in the subject line of your email which role you are applying for.