



Electrical engineer – Solar project designer

(Position Code "HM1")

METKA EGN, a utility scale world class solar EPC, is seeking to employ an Electrical engineer with experience in the design of Photovoltaic projects for the following position:

Electrical engineer – Solar project designer, based in Stavroupoli, Thessaloniki, Greece.

The position above includes the entire scope of engineering involved in PV (solar) projects, which includes:

- Study and analysis of project documents for projects located worldwide (UK, Italy, LATAM, EMEA)
- Understand project design requirements from:
 - planning documents
 - client specifications
- Research, study, review and understand local codes and standards and incorporate them in the design/engineering process
- Interact with Project Manager in order to design new projects
- Design of medium and utility scale PV projects (5-100MW) from start to executive design ready for construction, including:
 - Preliminary layout of PV panels in given plots
 - Preliminary electrical configuration and SLD
 - Energy Study (PV SYST)
 - Interacting with suppliers for clarification of technical queries with regards to mounting structure, inverters/TF/MV selection
 - RFQ to suppliers
 - Executive design to include: Layout, SLD, Energy study, Bill Of materials, construction details

- Technical Due Diligence Folder preparation with technical documents
- RFQ preparation for large scale projects
- Support during construction phase by interacting with Project Manager, Project Engineers, sub-contractors and on-site visits
- Post construction AS BUILT documents
- Support during O&M phase

Qualifications required

- Master's degree or Diploma in the field of Electrical engineering.
- Expert use of Autocad software package
- Travelling capability and ability to stay in projects for a period of up to one month if needed
- Experience in LV and MV electrical schematics
- Excellent use of spoken and written English
- Strong organization and time management skills
- Team spirit

The following will be considered an advantage

- 2 Year experience in Utility scale PV installations design or 3 years of experience in MV electrical installations design
- Professional experience with international clients and projects
- On site installation supervision/experience in photovoltaic installations
- Knowledge of any of the following languages:
 - Spanish
 - Arabic
 - Farsi

CV's can be sent to the following email address using the position code "HM1" as a subject:

athanasios.bakalis@metka-egn.com