



**Job Vacancy:** Technical Director

**The company:** Trama TecnoAmbiental (TTA) is an SME with over 30 years of experience in projects and services for renewable energy, rural electrification, development and sustainability. TTA works in the following areas:

- High value consultancy services in distributed renewable energy
- Design of renewable energy projects, grid tied and off-grid power plants
- Turnkey services of renewable energy projects, in particular solar PV and RE micro-grids for rural electrification
- Engineering services for public and private clients
- Design of sustainable and energy efficient buildings
- Policy and capacity building for governments in Renewable Energy and Sustainability

Trama TecnoAmbiental headquarters are in Barcelona, Spain and has regional offices in Nairobi, Kenya and in Sao Paulo, Brazil.

**Job description:**

TTA is seeking a diligent experienced engineer to lead and coordinate the technical department. The Technical Director will be in charge of technical designs (both mechanical and electrical) at the various stages (from concept design to detailed engineering designs and drawings), bill of quantities, compliance with standards and codes, project implementation logistics and budgets, and overall organization and quality assurance of the technical department.

The focus will be especially on micro-grids with renewable energy generation for rural electrification and hybrid renewable-energy/diesel projects due to the increase in the demand for micro-grids in Africa and Latin America-Caribbean in particular. Some projects will be related to grid-connected RE projects.

The Technical Director will lead a small technical team (3 to 6 engineers) and report to the Director and the Regional Managers.

**Responsibilities:**

The Technical Director will specifically be responsible for:

- **Timely quality production**, review and control of technical designs, technical specifications and budgets
- **Cost optimization** of detailed engineering solutions designs and bills of materials



- **Supervision and management of technical department and field engineers**, including remote management and supervision of local engineers in the Kenyan office and identification of gaps within the technical department
- **Travel to project sites for project supervision and commissioning** (up to 30% of time)
- Keep up with last technology developments, in particular with system control and storage
- Identifying new market technical challenges and potential technology advancements to integrate in new projects and solutions across the different departments
- Supervision of the Technical monitoring of key performance indicators of plants in operation.
- Ability to remotely, or through field engineers, closely work and supervise local sub-contractors in Africa, Latin America and Asia
- Help the Business Development department in identifying and assisting with the preparation of proposals, in particular preparing technical methodologies, bills of materials and budgets and technical drawings for proposals

#### **Profile:**

The ideal candidate for this position will have the following competences:

- **Educational Background.** A bachelor's degree in engineering, preferably in mechanical, electrical or mechatronics or related
- **Previous Experience.** Minimum 5 years of experience in solar PV.
- **Interests:**
  - Passionate about renewable energies and rural electrification
  - Motivation to travel internationally often, in particular to developing countries
- **Computer Skills.** Proficiency with Microsoft Office tools and experience with design tools such as PVSyst and AutoCAD
- **Skills:**
  - Ability to manage multiple projects simultaneously.
  - Methodical and well organized
  - Problem-solver, pro-active and results-oriented
  - Ability and proven experience to think creatively, learn quickly and develop innovative solutions involving electrical and mechanical challenges
  - Cross-cultural communication and interpersonal skills

The following competences will be an advantage:

- Previous experience managing technical departments is desirable
- Previous experience in RE micro-grid projects, distributed solar PV and electrical batteries will be valued



- Experience with design of MV/LV distribution grids is desirable
- **Languages.** Fluency in English, both written and verbal

**Salary:** Approximate annual gross salary for the position based in Barcelona, Spain: 38-45,000 EUR, subject to candidate's qualifications and negotiation.

**Starting date:** Immediate

**Position based in:** Barcelona, Spain with travels to projects' site

**Apply >>** If you are interested in applying for this position, please click on the following link that will explain you the procedure to follow (upload CV and fill-in form): <https://goo.gl/forms/i05SOg847G7bsybE3>

**Only shortlisted candidates will be contacted for an interview.**