



---

## Job Vacancy

### Solar PV Construction Supervision Manager

---

**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 mainly 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 eco-efficient buildings
- Policy and capacity building projects for governments in Renewable Energy and Sustainability

Trama TecnoAmbiental headquarters are based in Barcelona, Spain and has regular presence in Nairobi, Kenya and in Sao Paulo, Brazil.

**The project:** TTA has been contracted by the Ministry of Energy and Mines of Eritrea to serve as owner's engineer for the construction of 2 Solar PV mini-grids in two rural villages of the country, of around  $1\text{MW}_{\text{peak}}$  capacity each coupled with a lithium-ion battery and a diesel generator. The project involves the following main activities:

- > Pre-installation verifications
- > Supervision of construction and installation works (electrical and mechanical)
- > Commissioning and testing supervision
- > As-built documentation
- > Final report on construction supervision
- > Assistance and capacity building to client
- > Two visits and performance follow-up on O&M after plan commissioning

#### Job description:

TTA designs, supervises and delivers micro-grids with renewable energy generation for rural electrification. The company is looking for a diligent construction supervision manager with previous experience in the installation of solar PV plants fluent in English for a very exciting and flexible opportunity. The selected candidate will report to the Head of Projects (Africa region), Technical Director and Associate Director.

#### Responsibilities:

The Construction Supervision Manager (i.e. Project Manager) will have the following responsibilities:



- To inherit the project management on a daily basis, including budget control and work-plan (timeline) revisions and controls
- To maintain all the project documentation up-to-date in a easy accessible and friendly manner by all the colleagues involved (that will access from various countries)
- To travel to project site in rural Eritrea, during 1-2 weeks a month, for the following tasks:
  - Pre-installation verification activities
  - Construction supervision, both mechanical and electrical at various stages
  - During the commissioning and testing of the system, to second and support TTA's designated senior engineer
  - To support and second the project director in his different visits to Asmara and project sites
  - ***It is expected 1 visit to the country/sites per month for the first 6 months (from February until July), with a duration of 1 to 2 weeks in country*** - after completion of project construction and commissioning there will be 1 visit over 6 months
- To fully understand electrical, architectural and concept drawings and sketches on the solar PV-battery field. Be able to internally communicate changes, deviations, modifications on the design with colleagues remotely (i.e. from the field to Barcelona, Nairobi and other places)
- Ability to review designs and bill of materials on-site and challenge the EPC contractor when materials and installation has not been done accordingly
- Be able to help/assist the technical department in the elaboration of as-build drawings
- Take over the daily communications between client (Ministry of Energy and Mines) and contractors carrying out the supervised work
- Create, keep up-to-date, internal reporting on project progress, changes as well as reporting to client

### **Profile:**

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

- A bachelor's degree in engineering, preferably in mechanical or electrical
- **Minimum 2 years of experience in solar PV energy, including the supervision/installation or implementation of 2 solar PV power plants**
- Fluency in English, both written and verbal
- Passionate about renewable energies and rural electrification
- Problem-solver, pro-active and results-oriented
- Methodical and organized
- **Autonomous and proactive**
- Motivation to travel internationally often
- Cross-cultural communication and interpersonal skills
- Proficiency with Microsoft Office tools (Word, Excel and PowerPoint) and AutoCAD
- Ability to lead and communicate with a team

The following competences will also be an advantage:



- A Master's degree
- Fluency in Spanish and/or Portuguese will be valued
- Familiar with EU and other multilateral agencies' public procurement procedures

**Salary and benefits:**

To be determined according to the candidate's qualifications and experience.

**Starting date: Immediate** – tentatively end January.

**Position based in:** Multiple locations; (1) Barcelona, Spain around 40% of the time, (2) Nairobi, Kenya around 20% of the time and (2) Eritrea round 40% of the time for the first 6-8 months.

**Apply:** Interested applicants may send **as soon as possible** their up-to-date resumes along with a short cover letter (1 page max.) with the reference "CSM Eritrea 2018" by clicking on the following link that will show the procedure to follow (upload CV + cover letter, and fill-in form) to apply to TTA:

<https://goo.gl/forms/i05SOg847G7bsybE3>

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

**Applications will be reviewed on a rolling basis.**