

Job Vacancy Description:

## Senior Project Manager for Construction Supervision

Reference: 24.17

### 1. Who we are

Trama TecnoAmbiental (TTA), with headquarters in Barcelona (Spain), is an international engineering and consulting firm in business since 1986 in the field of renewable energies and specialized in distributed generation and energy access for development. TTA's multidisciplinary team has comprehensive experience at both technical and management levels and has been exposed to many international projects all over the world.

TTA has been pioneer of renewable energy-based microgrids, 100% and/or hybrid, both in concept development, design, and engineering, as well as deployment and dissemination with a clear vision and an approach key to sustainability and social responsibility.

Further detailed information at: [www.tta.com.es/en](http://www.tta.com.es/en)

### 2. Job description and Responsibilities

TTA is seeking a **Senior Project Manager for Construction Supervision (PMCS)**, specialized on renewable mini grid projects, to join the **Technical and Construction Department of TTA**. Under the supervision of the Construction Supervision Unit Leader, the Project Manager will support the development of grid-connected and stand-alone renewable energy electrification projects worldwide. The job within the team will especially focus on the design and supervision of solar hybrid plants, small and medium-sized, from tens of kWp up to a few MWp range as well as on low and medium voltage distribution line layout.

The PMCS will work in the following areas, with particular emphasis on the owner's engineer and supervision tasks:

1. **Plant design:** Work in technical designs, particularly in the capacity range mentioned above and in distribution grids, network stability and performance calculations, layout, bill of quantities, technical specification writing of renewable energy-based solutions, with a strong focus on mini grids, small and medium sized (up to a few MWp). This includes but not limited to mini grid plants, energy storage, control and monitoring systems, transformation and distribution lines layout.
2. **Owner's engineering:** Advisory services to institutional and private clients on project development, operation, and tender preparation and construction of mini grid and renewable energy projects. Review and evaluation of technical and financial proposals by contractors including provision of support in the negotiations with winning bidders, coordination of grant disbursements, and provision of technical assistance to the winning bidders.
3. **Supervision and Construction management:** Planning of plant construction and supervision of works and interconnection, including eventual field work with the supervision of subcontractors for electrical, civil, mechanical work. Tight control of quality and timeline of small and medium sized projects up to a few MWp. Manage local teams and contractors and report to the customer.

4. **Project proposal preparation:** Support to the Business Development department in preparing proposals, in particular preparing technical methodologies, bill of materials, budgets and technical drawings for proposals.

### 3. Profile

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

1. **Educational Background:** A Master's degree in electric, civil or renewable engineering or similar is required.
2. **Previous Work Experience:** Minimum 8 years of experience in PV plant construction, or construction project Management is required. Minimum 5 years of experience in works supervision of solar PV and/or other sustainable energy sources is required.
3. **Languages:** Fluency in English and professional use of French (B2) are required.
4. **Computer Skills:** Excellent command in Microsoft Word, Excel and planification software is required.
5. **Travel availability:** The engineer should be willing to travel to project locations and, if needed, be based during more extended periods at project sites, to ensure a smooth implementation of works.

It would be **desirable** for the candidate to have the following aptitudes:

1. **Educational Background:** PMI certification will be an added value.
2. **Previous work experience:** Experience in the MW range clean energy generation and low and medium voltage distribution lines is desirable.
3. **International Experience:** Experience in developing countries, experience in multicultural environments.
4. **Interests:** Passionate about sustainable energy; Motivation to travel internationally; Interest in development cooperation.
5. **Languages:** Fluency in Spanish and/or Portuguese will be an added value.
6. **Computer Skills:** AutoCAD.
7. **Skills:**
  - Ability to work with minimum supervision.
  - Ability to manage multiple projects simultaneously.
  - Analytical skills, efficient designing and implementing of processes.
  - Methodical and well organized.
  - Ability and proven experience to think creatively, learn quickly and develop innovative solutions involving electrical and mechanical challenges.
  - Cross-cultural communication and interpersonal skills.

#### 4. Conditions

- **Salary and benefits:** TTA offers a multicultural, friendly working environment with **remote work** possibilities, **flexible working hours**, teamwork, and constant learning. Salary to be defined depending on candidate's qualifications.
- **Starting date:** Immediate.
- **Location:** Barcelona (Spain). Possibility of occasional trips to project sites in Africa, Latin America, and Pacific. Remote work can be considered.

**Interested?** → Please click on the following link where you will find the procedure to follow (upload CV and fill-in form): <https://goo.gl/forms/i05SOg847G7bsybE3>

Only shortlisted candidates will be contacted.