

Job Vacancy Description:

Construction Supervisor / Resident Coordinator in Micronesia (FSM)

Reference: 24.08

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

2. Job description and Responsibilities

TTA is seeking a **Construction Supervisor specialized on solar PV distributed plants and/or mini-grid projects** to join the **Asia-Pacific unit at TTA**, to be **based in the Federated States of Micronesia (FSM)**. Under the supervision of the Regional Team Leader for Asia and Pacific, the Construction Supervisor will supervise the works of ongoing TTA projects in FSM. These include a MW-scale grid-connected solar PV plant and small solar PV mini-grids in remote islands.

The Construction Supervisor will be based in FSM and will be the focal person for all the activities from TTA in the country, thus becoming **TTA's Resident Coordinator in FSM**. In addition to Construction Supervision, the selected candidate will cover a broader role including also support in the **early stages of project preparation** (field surveys, site assessments, feasibility studies, etc). The Coordinator will work in close collaboration with the local power utility to satisfy their daily needs in relation to the projects assigned.

The **Construction Supervisor and FSM Resident Coordinator** will work in the following areas, with particular emphasis on construction supervision tasks:

1. **Field Visits:** Coordinate the field surveys to assess demand profile studies based on data gathered and field measurements, and assess potential project sites for solar PV.
2. **Feasibility Studies:** Support the preparation of technical and economic feasibility studies for Solar PV plants and mini-grid projects.
3. **Conceptualize technical solutions:** Support the definition of technical solutions from the project and the client's needs and liaise with the engineering department to define the concept designs.
4. **Procurement documents:** Support the preparation of Technical Specifications for bidding documents, support the elaboration of administrative procurement documentation, and participation in tender evaluations.

5. **Supervision and Construction management:** Planning of plant construction and supervision of works and interconnection, including eventual fieldwork with the supervision of subcontractors for electrical, civil, and mechanical work. Tight control of quality and timeline of small and medium-sized projects up to a few MWp.
6. **Project proposal preparation:** Support the Business Development department in preparing proposals for the Pacific and particularly for FSM, if any.

3. Profile

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

1. **Educational Background.** A Master's degree in electric, civil, or mechanical engineering, or similar is required.
2. **Previous Work Experience.** Minimum of 5 years of experience in construction supervision is required. Minimum of 3 years of experience in solar PV and other sustainable energy sources is required.
3. **Languages. English proficiency** is essential.
4. **Computer Skills.** Excellent command of Microsoft Word, Excel and AutoCAD required.

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

1. **Specific education** in renewable energies, sustainable energy, and/or energy access will be an advantage.
2. **Previous Work Experience** in the MW range clean-energy generation and low and medium voltage distribution lines is desirable.
3. **International Experience.** Experience in developing countries is not required but desirable.
4. **Computer Skills.** Experience with simulation software such as HOMER Pro®, PVsyst, Helioscope, or other similar is an advantage.
5. **Interests.** Passionate about sustainable energy; Motivation to live abroad; Interest in development cooperation.
6. **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 and flexible working environment with focus on teamwork and constant learning. Salary depends on qualifications of the candidate.
- **Starting date:** Immediate.
- **Position based in:** Federated States of Micronesia.

Interested? Click on the following link to upload CV in English and fill in form: <https://goo.gl/forms/i05SOg847G7bsybE3>

Only shortlisted candidates will be contacted.