

Job Vacancy Description:
Project Manager & Consultant for Asia & Pacific region
Reference: 22/004

1. The company

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.

With its more than 30 years of experience, **TTA offers a full range of cross-cutting engineering & consulting services** for all kinds of renewable energy and energy access projects, such as:

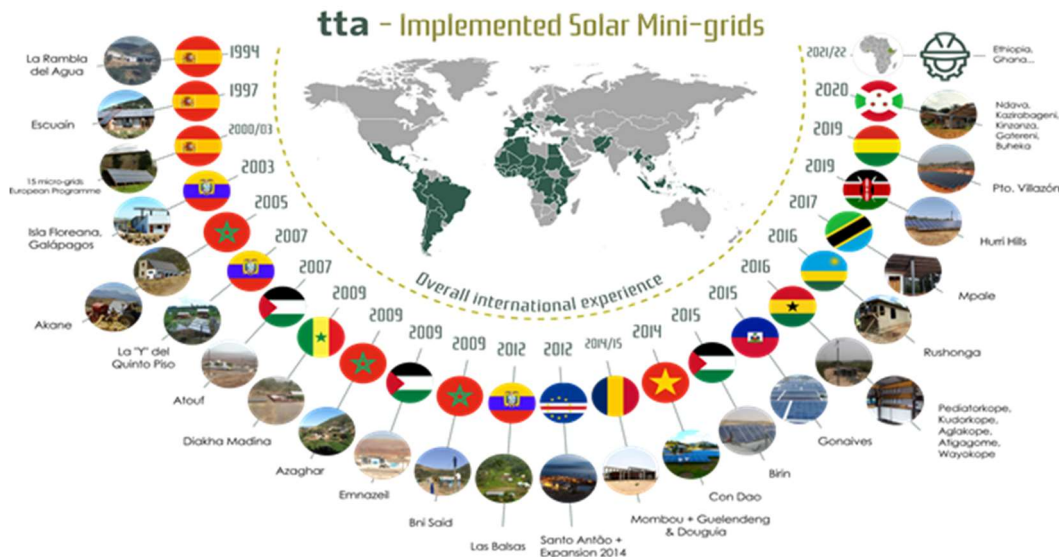
- *Consultancy in energy access and renewable energy projects (off -grid and on -grid).* Project identification and evaluation; Technical and Economic feasibility studies; Assessment of renewable energy sources, Engineering studies; Social and environmental impact assessments; Owners Engineering services; Preparation of technical specifications and bidding documents; Support during procurement; Construction supervision; Monitoring services; Operation and Management services; Project promotion and dissemination.
- *Engineering Procurement & Construction (EPC) of micro-grids.* Design, supply, installation and commissioning of micro-grid projects.
- *Energy efficiency and green buildings.* Evaluation, design and monitoring of energy efficiency projects; Energy auditing; Integration of renewable energies into buildings and green building practices.
- *Institutional, Policy and Regulatory Support.* Design of rural electrification policies, programmes, strategies and action plans; Policy development and planning; Development of business models and tariff schemes; Market potential assessments.
- *Capacity Building.* Capacity building and specialized trainings.
- *R&D.* Publication of articles, documents, guidelines, case studies, and presentations at international conferences.

TTA is a **pioneer firm in renewable energy-based generation and solar PV Hybrid mini-grids**. At the forefront, TTA was the driving force for the implementation of the first micro-grid projects in Spain in the early 1990s, and later on applying its expertise in Latin America, Africa and the Mediterranean. TTA has implemented mini-grids as EPC contractor in Ghana, Chad, Cape Verde, Ecuador, Palestine, Morocco, etc. some of which have been operated and maintained by TTA. Having collaborated in various tasks of the International Energy Agency (IEA), TTA was awarded with the EUREC Technology Prize 2001 “for developing excellent system technology for rural electrification based on renewable energy sources, combined with an innovative, user-oriented approach for its implementation”. Furthermore, in September 2015, TTA was awarded with the Prize “Off-Grid Experts Awards” by the company Phaesun together with ARE (Alliance of Rural Electrification), for excellence in the performance in the field of Off-Grid power supply, in the Category A “product” for TTA's “Electricity Dispenser”, an advanced meter for mini-grids.

In terms of **publications**, TTA has been the main contributor of the IRENA’s Innovation Outlook: Renewable Mini-grids (2016) and is author of the World Bank’s ESMAP Benchmarking study of Solar PV mini grids investment costs (2017 & 2018). TTA’s first hand field experience in the Operations and Maintenance of Mini-grids has been used by IRENA’s Policy Toolkit. These are just some of the latest references in which TTA has participated.

Another significant milestone in the sector, is TTA’s lead organization of the **International Conference on Solar Technologies & Hybrid Mini Grids to improve energy access**, a relevant sector event being held in in Mallorca (Spain). Its 3rd edition, supported by renowned organizations such as the ESMAP, World Bank, EnDev, GIZ, SNV and AE4H was held in September 2021.

TTA’s track record in the field of Renewable Energy and Rural Electrification is demonstrated by the extensive list of projects carried out around the globe for project developers, contractors, power utilities, governments as well as all major International Organizations such as the World Bank, IFC, UNDP, UNOPS, UNIDO, UNICEF, GEF, UNESCO, IDB, OAS, European Commission, AECID, GIZ, KfW, and other cooperation and development agencies, NGOs, local communities and individuals.



TTA is also a member of and collaborates with the following organizations and Groups. TTA is a founding member of the **Alliance for Rural Electrification (ARE)**.



Further detailed information at: www.tta.com.es/en

2. Job description

TTA is seeking a **Project Manager** to join the **Asia & Pacific Unit of TTA**. Under the supervision of the Unit Team Leader, the Project Manager will coordinate projects and develop innovative custom-consultancy services adapted to the project and Client needs. The nature of projects will be related to consultancy services primarily in the fields of distributed renewable energy and energy access.

The Project Manager will report to the Asia Pacific Team Leader.

3. Responsibilities

The Project Manager will work in the following areas:

Project Management

1. **Overall project management:** control project timeline and budget, lead project teams to meet deadlines, coordinate the collaboration with external partners; customer relation by participating in calls, meetings and field missions.
2. **Prepare project deliverables:** prepare technical reports and other deliverables required by the project in a timely manner and with high quality writing.
3. **Field missions.** Travel to project sites when required.

Technical

4. **Demand assessments:** Conduct demand profile studies based on data gathered and field measurements.
5. **Feasibility Studies:** Conduct technical and economic feasibility studies for Solar PV plants and mini-grid projects. Conduct energy planning studies.
6. **Conceptualize technical solutions:** Support the definition of technical solutions from the project and the client needs; Use simulation tools such as PV Syst and HOMER Pro and in-house tools; Liaise with the engineering department to define the concept designs. Develop proprietary tools and energy models as needed for given assignments.
7. **Procurement documents:** Elaborate and coordinate team for the preparation of Technical Specifications for bidding documents, Support on the elaboration of administrative procurement documentation, participation in tender evaluations.
8. **Owner's engineering:** Support the technical team in owner's engineering assignments, in which TTA works on behalf of the client to oversee construction works carried out by contractors.
9. **Financial and business models and delivery schemes:** Carry out or review institutional framework analysis as well as financial and economic models, Business Model, Tariff Setting, Revenue stream definition Client Policy, Funds mobilization, Costing.
10. **Institutional, Policy and Regulatory Support:** develop strategic and planning documents in the field of sustainable energy, policy and regulatory frameworks, tariff setting among others.
11. **Capacity building:** prepare and deliver trainings for public and private stakeholders.

Business Development

12. **Support business development.** Support the Team-Leader and commercial department in identifying and preparing new proposals and service offers.

4. Profile

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

1. **Educational Background.** A Master's degree in engineering, economics or similar is required. Specific education in renewable energies, sustainable energy and/or energy access will be very desirable.
2. **Previous Work Experience.** Minimum 8 years of experience in sustainable energy and development is required. Minimum 5 years of experience in solar PV and/or project management is required. Experience in clean-energy mini-grids or energy access in general is highly desirable. Experience in other renewable energy sources, particularly small hydro, is an added value. Previous experience in consultancy of topics related to policy, regulation, project development or finance of renewable energy access projects is also highly desirable.
3. **International Experience.** Experience in developing countries is required and particularly in the region of Asia and/or Pacific is desirable. Experience with multilateral or bilateral development agencies (World Bank, UN agencies, etc) is highly desirable.
4. **Languages.** Fluency in English is required. Very good writing and communication skills in English are essential.
5. **Project Management Skills.** Previous experience in project management is required. Knowledge of project management tools and processes or project management certification is an added value.
6. **Computer Skills.** Excellent command in Microsoft Word, Power Point and Excel are required. Experience with simulation software i.e. HOMER, PV SYST is desirable.
7. **Interests.** Passionate about sustainable energy. Motivation to travel internationally. Special interest in development projects.
8. **Skills.**
 - Ability to work with minimum supervision and to manage several projects simultaneously.
 - Ability to manage a team of experts and subcontractors.
 - Problem-solver, pro-active and results-oriented.
 - Analytical skills, efficient designing and implementing of processes.
 - Ability and proven experience to think creatively learn quickly and develop innovative solutions involving electrical and mechanical challenges.
 - Cross-cultural communication and interpersonal skills.

5. Conditions

- **Salary and benefits:** Depending on qualifications of candidate.
- **Starting date:** Immediate.
- **Position based in:** Barcelona, Spain with travels to project sites (<25%). Other locations in the region of Asia or Pacific could be considered for outstanding candidates.

Apply >> If you are interested in applying for this position, 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