

Job Vacancy Description:
Senior Project Manager based in Niger
Reference: 23/03

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:

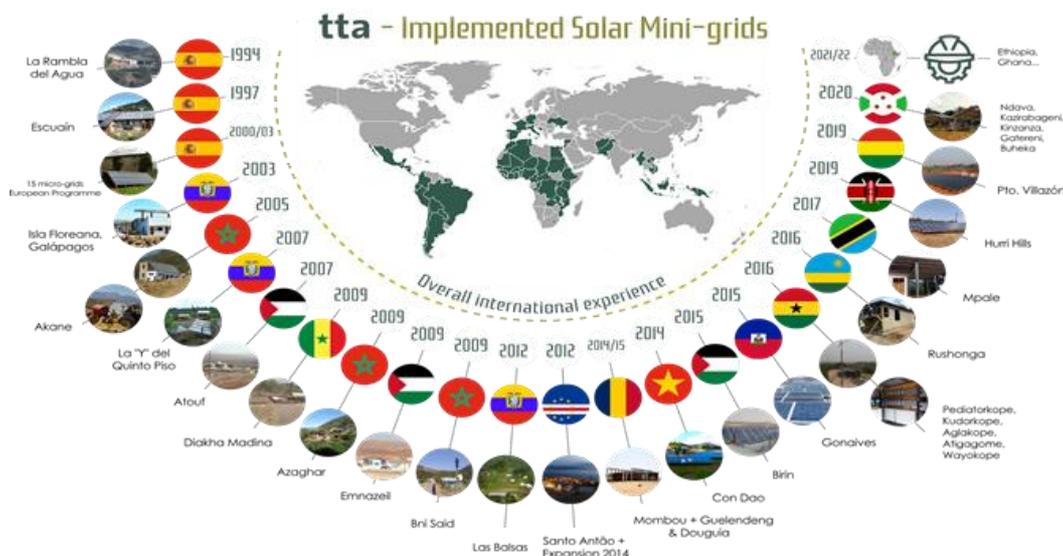
- *Consultancy in energy access and renewable energy projects (off -grid and on -grid).* Project identification and evaluation; Technical and Economic feasibility studies; Assessment of renewable energy sources, Engineering studies; Social and environmental impact assessments; Owners Engineering services; 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 was 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 **Senior Project Manager to be based in our project office in Niger**, integrated in the **Africa Unit of TTA**. Under the supervision of the Africa Team Leader, the Project Manager will coordinate projects and develop innovative custom-consultancy services adapted to the project and Client needs, primarily **in Niger** but possibly also in sporadic assignments in the region. The nature of projects will be related to services and consultancy in sustainable energy, including renewable energy, energy efficiency and energy access with RE based off grid solutions and mini grids.

The Senior Project Manager will report to the Africa Team Leader.

3. Responsibilities

The Senior Project Manager will work in the following areas:

Project Management

1. **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 in French and in English.
3. **Field missions.** Travel to project sites when required.

Technical

4. **Owner's engineer:** Advisory services to Institutional and private Clients on project development, operation, and tender preparation and construction. Review and evaluation of technical and financial proposals by contractors including the provision of support in the negotiations with winning bidders, coordination of grant disbursements and provision of technical assistance to the winning bidders.
5. **Feasibility Studies:** conduct Project identification, Project Development, Pre-feasibility Study, Feasibility Study, Demand Study/Load Profile, Need assessment and data gathering, Techno-economic analysis, Social, Environmental, PPA, Net Metering, etc.
6. **Financial and business models and delivery schemes:** Carry out or review institutional framework analysis as well as financial and economic models, Business Model, Service tiers, Revenue stream definition Client Policy, Funds mobilization, costing.
7. **Institutional, Policy and Regulatory Support:** develop strategic and planning documents in the field of sustainable energy, policy and regulatory frameworks, tariff setting among others.
8. **Capacity building:** prepare and deliver training for public and private stakeholders.

Business Development

9. **Support business development.** Support Team Leaders and commercial department in identifying and preparing new proposals and service offers.

Description of services for projects in Niger:

The consultant will be a **Project Manager** on behalf of TTA. Under the supervision of the Team Leader of each project, the consultant will ensure:

- The Project management and the local Project team management;
- The implementation of Project activities;
- The administrative and financial management of the project;
- Partnerships/relations management with the Client and the project's external partners;
- Preparation of project deliverables: technical reports and other deliverables required by the project in a timely manner and with high writing;
- Participation in meetings and field missions;
- Project monitoring and evaluation.

Responsibilities:

1. **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 in French and in English.
3. **Field missions.** Travel to project sites when required.

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 5 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 is highly desirable. Experience in other renewable energy sources, particularly small hydro, is an added value. Experience in consultancy of topics related to policy, regulation, project finance of renewable energy access projects is also highly desirable.
3. **International Experience.** Experience in Africa, especially in Niger, is required. Experience with multilateral or bilateral development agencies (the World Bank, UN agencies and development banks) is highly desirable.
4. **Languages.** Fluency in **French and English** is required. Fluency in Spanish will be an added value. Especially good writing and communication skills in French and English are crucial.
5. **Project Management Skills.** Knowledge of project management tools and processes is required. A project management certification is desirable.
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. Possibility to travel internationally if required. Interest in development projects.

8. Skills.

- Ability to work with minimum supervision.
- Ability to manage multiple projects simultaneously.
- Ability to manage a team, methodical and well organized.
- 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:** TTA offers a multicultural and flexible working environment with remote work possibilities and flexible working hours, teamwork and constant learning. Salary or fees to be defined, depending on qualifications of the candidate.
- **Starting date:** Immediate.
- **Position based in:** Niamey, Niger, with a certain number of travels to project sites (<25%).

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