

Job Vacancy Description:

Energy Access Technical Manager – Latin America and Caribbean (French Speaking)

Reference: 24.12

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 **for an Energy Access Technical Manager (French Speaking)** to join the **Latin America and Caribbean Team of TTA**. Under the supervision of the LAC Team Leader, the **Energy Access Engineer** will develop its responsibilities for renewable energy grid-connected, mini-grids, and stand-alone solutions for electrification projects in the LAC region. Work will focus in supporting the consultancy, EPC contracts, and project development tasks in rural areas. Moreover, this position comprises working in close collaboration with social, environmental, economic, and other experts to develop sound and holistic methodologies, projects, and innovative approaches to TTA's implementation strategies.

The **Energy Access Technical Manager** will work in the following areas, listed according to priority:

1. **Plant design:** Work in technical designs and simulations, for small-scale mini-grids (10 – 1000 kW), in low and medium voltage distribution grids, calculation, layout, bill of quantities, drawings, technical specification writing of renewable energy-based solutions, with a strong focus on mini-grids. This includes but not limited to mini-grid plants, energy storage, control and monitoring systems, transformation, and distribution lines layout.
2. **Feasibility Studies:** Project identification, demand assessment, techno-economic analysis, modelling and simulations (HOMER, PVSyst, Helioscope), basic and detailed design layouts and SLDs (AutoCAD), et al.
3. **Financial and business models, delivery schemes:** Implement financial and economic tools and models, business models for rural electrification, service tiers, revenue stream definition, tariff setting, funds mobilization, costing.
4. **Institutional, policy and regulatory support:** develop strategic and planning documents in the field of sustainable energy, policy, and regulatory frameworks, among others.

5. **Owner's engineering:** Advisory services to Institutional and private clients on project development, operation, tender preparation, and construction. Review and evaluation of technical and financial proposals by contractors including provision of support in the negotiations with winning bidders. Support with works supervision.

Business Development

6. **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.
7. **New clients:** identify new opportunities and clients. Build new relationships with different stakeholders, including private sector.
8. **Innovation and new work areas:** propose new innovative areas of work, projects, solutions, and technologies. Suggest new ideas and keep an innovative attitude for new types of services.
9. **Contracts with existing clients:** keep good and positive relations with current clients to propose new potential areas of work.

Project Management

10. **Project management:** support in leading and managing a country project portfolio, such as the one in Suriname, overseeing multiple projects, tasks, and day-to-day activities. Ensure successful project delivery by managing timelines, budgets, and reporting for several projects (at least 2-3 depending on scope and complexity). Lead project teams to meet deadlines, coordinate effectively with external partners, and maintain strong relationships with key stakeholders through active participation in calls, meetings, and field missions.
11. **Stakeholder management:** lead coordination with government officials, project developers, regulatory agencies, donors, clients, communities, and other key stakeholder coordination.
12. **Tracking:** track project budget in a CRM tool. Project management of tasks in an Online Project Management tool to ensure project deadlines are met, tasks are well defined, and key milestones are reached. Identify required resources and ensure a smooth collaboration within the Team and with other units.
13. **Prepare project final deliverables:** prepare technical reports and other deliverables required by the project in a timely manner and with high quality standards. In charge of final revision of deliverables, including providing feedback to other team members.
14. **Technical presentations:** Develop and deliver professional presentations on technical topics to diverse audiences, including clients, stakeholders and colleagues. Effectively communicating complex technical information to non-technical audiences.
15. **Team management and mentoring:** Provide leadership and mentorship to the team, fostering a collaborative environment. Offer constructive feedback, ideas and support to help junior team members grow and develop their skills.
16. **Field Travel Assignments:** Travel to project sites when required. Have a good presence in country for projects but also to maintain good relations with client.

3. Profile

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

1. **Educational Background.** A Master's degree in electric engineering or similar is required. Specific education in renewable energies, sustainable energy and/or energy access. A specific degree is not mandatory, hands-on experience can be considered as educational background.
2. **Previous Work Experience.** Minimum 7 years of experience in electrical or other engineering background with experience in solar PV and battery storage mini grids, rural electrification projects, and/or other sustainable energy sources.
3. **International Experience.** Proven experience working in international settings and multicultural teams.
4. **Languages.** Fluency in **English and French** is required.
5. **Computer Skills.** Excellent command of Microsoft Word, Excel, Power Point, and AutoCAD.
6. **Skills:**
 - Ability to manage multiple project tasks simultaneously.
 - Capacity to manage many different stakeholders.
 - Manage teams and lead projects
 - Analytical skills, efficient designing and implementing of processes.

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

1. **Work experience:** Experience in working with multilateral organizations, rural electrification projects, and multiyear programs.
2. **International Experience.** Experience in developing countries.
3. **Previous Work Experience** in water-disinfection systems and/or in MW range clean-energy generation and low and medium voltage distribution lines.
1. **Languages.** Fluency in **Spanish and/or Portuguese**.
4. **Computer Skills.** Experience with simulation and Project Management software (i.e. HOMER, PV SYST, Helioscope, Monday.com, Jira, Wrike).
2. **Interests.** Deeply passionate about and committed to advancing sustainable energy and development. Eager to travel internationally and contribute to projects that promote sustainable solutions.
3. **Skills.**
 - Ability to work with minimum supervision.
 - 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, flexible working environment, **flexible working hours**, teamwork, and constant learning. Salary to be defined, depending on qualifications of the candidate.
- **Starting date:** Immediate.
- **Position based in:** Remote in the LAC region with trips to project sites in Latin America and the Caribbean and 1 visit per year to the Headquarters (in Spain).

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

Only shortlisted candidates will be contacted.