



Largescale Solar Generation Specialist (P3)

Post:	Largescale Solar Generation Specialist (P3)
Duty Station:	International Solar Alliance (ISA)
Languages Required:	English
Duration of Contract:	Two years, with the possibility of extension based on ISA's requirement.

Organisation Overview

The International Solar Alliance (ISA) is an international organisation, co-founded by France and India. The ISA is a 118-member-state organisation, headquartered in Gurgaon, National Capital Region of India. At ISA, we strive to transition and transform the energy sector from a fossil-based to a zero-carbon solar energy source. We are establishing a dedicated cooperation platform among solar-rich countries where the global community, including bilateral and multilateral organizations, corporations, industries, and other stakeholders, can positively contribute to the transition to solar energy. We are helping our Member States meet their energy needs in a safe, convenient, affordable, equitable, and sustainable manner.

Primary Purpose of the Role

Reporting to the Chief of PPIC, the Large-scale Generation Specialist will spearhead the planning and design of programmes and policies for ISA. This role will primarily focus on solar park projects, encompassing large-scale ground-mounted and floating solar installations. This pivotal role involves applying global best practices, crafting suitable business models, and deploying them across ISA member countries. The successful incumbent will drive the development of large-scale solar projects and programmes across diverse regions, offering technical due diligence and contributing to a substantial global initiative. This position provides abundant opportunities for career advancement within the International Solar Alliance (ISA).

1. Job Description

Under the supervision of the Chief, PPIC the Largescale Generation Specialist will:

- Conduct comprehensive feasibility studies for solar parks/ projects, evaluating site suitability, technical feasibility, and economic viability
- Assess environmental impact assessments and ensure regulatory compliance throughout the project lifecycle
- Develop strategies for Power Purchase Agreements (PPA), including negotiation frameworks, pricing models, and risk management
- Perform due diligence on potential solar park projects, reviewing financial projections, legal agreements, and technical specifications

- Identify risks associated with project implementation and propose mitigation strategies.
- Support project planning, budget formulation, scheduling, and resource coordination
- Engage with stakeholders such as government agencies, investors, developers, and local communities to build consensus and support for solar park projects, including facilitating public consultations and community engagement activities
- Provide technical advisory services to optimise solar park design, layout, and integration of renewable energy technologies, recommending innovative solutions to enhance project performance and maximise energy output
- Develop and evaluate business models for solar park projects, considering financing options, revenue streams, and investment attractiveness
- Manage tender processes transparently and fairly, including preparing Terms of Reference (TOR) and procurement documents, coordinating evaluations, and recommending award decisions
- Collaborate with agencies, organisations, and stakeholders to leverage resources and support successful project outcomes
- Provide Project Management Consultancy (PMC) support services, overseeing project execution, monitoring progress against milestones, and ensuring adherence to timelines and budgets
- Promote a success fee model to incentivise project success and align stakeholder interests with objectives
- Prepare comprehensive reports, feasibility studies, and project documentation, presenting findings to support decision-making and approvals
- Identify training needs and develop capacity-building programs for project teams and stakeholders, conducting workshops and training sessions on solar park development, PPA negotiations, business model, and project management
- Monitor policy developments and regulatory changes impacting solar park projects, providing recommendations to enhance policy frameworks and facilitate implementation
- Implement quality assurance measures to uphold technical standards and project objectives, identifying opportunities for innovation and improvement in project management practices
- Foster a culture of continuous learning and improvement within the project team and stakeholders, collaborating effectively with internal teams, external consultants, and partners to leverage expertise and resources for successful outcomes
- Communicate project progress, updates, and challenges through meetings, presentations, and written communications
- Perform any other task as assigned

2. Deliverables

- **Comprehensive Feasibility Studies for Solar Projects/ Parks:** Conduct thorough assessments evaluating site suitability, technical feasibility, and economic viability of solar park projects across diverse regions

- **Development of Power Purchase Agreement (PPA) Strategies:** Formulate negotiation frameworks, pricing models, and risk management strategies for effective PPA implementation in solar park projects
- **Strategic Project Planning and Coordination:** Support project planning, budget formulation, scheduling, and resource coordination to ensure seamless execution of solar park initiatives
- **Innovative Business Models for Solar Park Projects:** Develop and evaluate business models tailored to solar park projects, considering financing options, revenue streams, and investment attractiveness
- **Policy Advocacy and Stakeholder Engagement:** Monitor policy developments and regulatory changes, provide recommendations to enhance policy frameworks, and engage stakeholders to build consensus and support for solar park projects.

3. Competencies:

Professionalism: Shows pride in work and in achievements; demonstrates professional competence and mastery of subject matter; is conscientious and efficient in meeting commitments, observing deadlines and achieving results; is motivated by professional rather than personal concerns; shows persistence when faced with complex problems or challenges; remains calm in stressful situations.

Communication: Speaks and writes clearly and effectively; able to interact with senior government and private sector leadership; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify, and exhibits interest in having two-way communication; tailors language, tone, style and format to match audience; demonstrates openness in sharing information and keeping people informed; ability to disseminate information through online platforms, social media and traditional methods.

Teamwork: Works collaboratively with colleagues to achieve organisational goals; solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others; places team agenda before personal agenda; supports and acts in accordance with final group decision, even when such decisions may not entirely reflect own position; shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

Planning & Organizing: Develops clear goals that are consistent with agreed strategies; identifies priority activities and assignments; adjusts priorities as required; allocates appropriate amount of time and resources for completing work; foresees risks and allows for contingencies when planning; monitors and adjusts plans and actions as necessary; uses time efficiently.

4. Relevant Experience & Requirements:

Only those individuals who fulfil the following qualifying criteria are eligible to respond.

Essential:

1. Advanced degree in renewable energy, electrical/mechanical engineering, or a related field with ten (10) years of relevant experience. A first class University degree in the above mentioned disciplines with 12 years of relevant experience will also be considered.
2. Substantial experience in implementation of large-scale energy projects, and renewable energy applications and adequate knowledge of solar solutions.
3. Strong analytical, writing and communication skills.

Desirable:

1. Experience in implementation of large-scale solar projects including tender/bidding process and negotiations on power purchase agreements are highly desirable
2. Proven track record of designing and implementing successful renewable/solar energy projects.
3. Working experience in an international organisation and government would be an added advantage.

5. Remuneration

The ISA offers a competitive remuneration package (salary and benefits) guided by the UN Common System; the ISA aims to become an employer of choice. Consequently, ISA offers competitive salaries and benefits.

At ISA, we value a diverse, inclusive workforce and provide an equal employment opportunity for all our employees and applicants. We will consider all qualified applicants without regard to an individual's race, colour, gender/gender expression/orientation, and religion.

The ISA seeks to obtain and retain staff that reflects its geographical representation and diversity and primarily prefers and recruits staff from its member countries. The ISA maintains a retirement age of 65 years.

6. Applying for the role

Please **apply** in confidence by emailing careers.isa@talenttribeconsulting.com Your application should include a cover letter of no more than two (2) pages and your CV. Further information on the recruitment process, the guidelines, etc, can be found under the weblink: <https://isolaralliance.org/careersatisa/vacancies>

Closing Date: 21st of August 2024

7. Languages & IT skills

The role demands a very high level of writing and verbal communication skills. As English is the official and working language of the Organization, excellent command of both written and spoken English is required. Knowledge of other languages (i.e., French, Spanish, and Arabic) would be advantageous. The role demands substantial writing and verbal communication skills.

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8. Place of Work

This role will be based out of the Secretariat of the ISA, Gurgaon, Haryana State, or at the ISA's facility in Delhi, India, or any other facility deemed necessary by the ISA.