Terms of Reference

Coordinator, Technical (Full Time / Part Time)

Grade : C1
Reports to : Senior Manager, Freshwater
Project/Programme : Decarbonizing the Textile Manufacturing Sector of Pakistan
Location : Karachi / Lahore / Islamabad
Duration : 6 months (with the possibility of renewal)
Work Hours : Flexible Hours (with the option to work remotely)

ROLE AND RESPONSIBILITIES:

The Coordinator, Technical will work closely with the project team and financial implementation partner in order to assess the feasibility to evaluate mitigation potential and conduct country wide market assessments for green technologies pertinent to textile sector, with a focus on creating more accessible and affordable clean energy financing solutions for the textile SMEs in Pakistan.

1. Mapping of stakeholders on textile landscape relevant to resource consumption and defining their roles
2. Formulate verifiable resource consumption profile of the local textile manufacturing sector of Pakistan which will include baseline assessment of resource consumption (primary energy, secondary energy, water, priority chemicals like caustic) in textile spinning, weaving, processing, and garmenting mills of Pakistan.
3. Oversee Energy / Resource Efficiency Audits conducted through consultant to determine eligibility and viability of replacing existing equipment with energy efficient alternatives
4. Shortlisting, prioritization for the textile segment in consultation with identified stakeholders (as per 1) to establish readiness for switching to green technologies
5. Map the renewable energy (PV, Solar Thermal & Biomass) potential specific to the textile clusters of Pakistan. The baseline assessment will highlight actual potential and existing utilization of renewables in the textile spinning, weaving, processing and garmenting mill of Pakistan
6. Identify suitable technical implementation partners for the project
7. Work closely with the project team in assisting to conduct baseline assessment and formulation of special purpose vehicle for access to finance for green technologies.
8. Assist the project team in preparation of templates for bankable applications of green technologies including key performance indicators, preparation of performance contracting mechanisms and templates, loan proposal documentation and a standardized credit checklist to process any loan application.
9. Perform detailed bankable feasibility assessment of green technologies including development of technology packages for textile SMEs
10. Work closely with the project team to identify and assess potential for existing funding schemes for renewable energy that can be tapped for technologies proposed in the NSP

11. Conduct country wide analysis of existing green and renewable technology suppliers to access the maturity level, expertise, skills along with technoeconomic features.

12. Devise and expansion strategy to broaden the scope of the project to progressive SMEs and export-oriented textile manufacturing sector based on potential for scale up and replication.

13. Explore the possibility of setting up secondary market for green technologies with an over-arching goal to incorporate buy-back clause with green technology vendors for the formulation of financial instrument.

14. Draft a detailed project proposal and coordinate with the Program Development Team (including but not limited to proposals, log frames, work plans, and budgets) with WWF-Pakistan’s various teams, global WWF Network, and other partners and stakeholders.

15. Liaise with the government institutions, trade associations and other related stakeholders and conduct dissemination workshops on financing the greenhouse gas mitigation interventions.

SELECTION CRITERIA:

**Education and Experience**
- Masters in energy and/or environmental engineering or related discipline from a reputable international or Pakistani institution. Certificate or degree in alternative energy will be given preference.
- At least 7-8 years of experience in industrial energy efficiency and renewable energy projects or other relevant projects.
- Preference will be given to candidates having experience with solar/renewable project; energy/environmental audits either directly or through consultants;
- Professional exposure of working in Pakistan
- Experience working in a multicultural environment preferred

**Skills and Abilities**
- Excellent writing and communication skills in English
- Ability to work both independently and in coordination with teams to effectively meet deadlines
- Excellent research and analysis skills, along with initiative for keeping up to date on environment and development issues, priorities, and trends
- Proficiency in MS Office applications and google workspace (experience using, Google applications, and data analysis software preferred)
- A personal commitment to nature conservation and sustainable development
- Adheres to WWF’s values, which are: Passionate & Optimistic, Challenging & Inspiring, Credible & Accountable, and Persevering & Delivering Results.

WWF - Pakistan is an equal opportunity employer.

WWF - Pakistan reserves the right to amend and upgrade these TORs, as may be required in the interests of the organization. Applications are received through WWF - Pakistan’s website www.wwfpak.org