Terms of Reference

Introduction

This document contains Terms of Reference (TOR) for the Consultant, to be engaged by WWF-Pakistan (hereinafter called the Employer), for preparation of business case report on Smart Environmental Management Practices (SEMPs) for Progressive Textile and Leather Enterprises to facilitate the implementation of SEMPs.

This study is a part of the WWF-Pakistan’ project entitled ‘International Labor and Environmental Standards Application in Pakistan’, funded by European Union, and implemented in collaboration with International Labour Organization (ILO). The objective of the project is to promote sustainable and inclusive growth in Pakistan by supporting economic integration of Pakistan into the global and regional economy by improving compliance with labour and environmental standards and increased competitiveness.

Objective

The objective is to develop a business case which will provide a technical and economic reference for the implementation of SEMPs in textile and leather sectors of Pakistan. The case will be built on the validated performance data from 25 ILES progressive partner units. The business case will be used as authoritative reference for dissemination and promotion of SEMPs in Textile and Leather sector and may be used as decision support guideline for the enterprises in Textile and Leather

Specific Tasks

a) Conduct a comprehensive review of post audit data of ILES regarding implemented SEMPs by the ILES partner units.
b) Outlining of all the implemented SEMPs in Textile and Leather under ILES
c) Details of investment on implementation of SEMPs by the ILES partner units i.e. BOQs
d) Evaluating the economic indicators like payback period, NPV and IRR for each SEMPs
e) Benchmarking of SEMPs based on level of effort, economics, resource conservation and associated environmental benefits for both Textile and Leather enterprises
f) Categorization of SEMPs for basic level and advanced level implementation on the basis of benchmarking
g) Operation and Maintenance required for sustainability of SEMPs needs to be outlined along with key parameter log sheets
h) In case of any malfunctioning of the interventions the reasons should be outlined as lesson learnt

**Deliverables**

- Comprehensive report with executive summary
- Business Case scenarios for basic level and advance level
- Validated performance analysis data in the form of excel
- Feedback from enterprises implemented the SEMPs along with picture
- Presentation based on findings of the report

**Time period**

The time period of assignment is 4 months

**Required Qualification and Skills**

Must have an engineering background (Electrical, Mechanical, Chemical), having an experience of more than 15 years on different textile and leather related projects and case studies.

**Report Guidelines**

- Pictorial illustrations are required for SEMPs otherwise diagram representing the best practice needs to be incorporated
- The citation of reference is must for secondary information
- The references used in the report should not be before 2010 otherwise needs justification.
- The report should be plagiarism free.
- The report should be according WWF communication guidelines shared by WWF-Pakistan
- Specimen Report / Sample write is required along with the proposal
– All the figures, pictures, graphs, maps need to be provided separately also in high resolution along the report
– Tables should not be in picture form.
– Multiple revisions will be required for mutual consent of author and ILES team