Terms of Reference (TOR) for Hiring Services of Training Body for Training on Zero Liquid Discharge (ZLD) for Leather & Textile Enterprises of Pakistan

1. General

This document contains terms of reference (TOR) for hiring services of training body to conduct training session on Zero Liquid Discharge (ZLD) (herein called the institute), to be engaged by WWF Pakistan (hereinafter called Employer).

WWF-Pakistan is implementing the European Union (EU) funded project namely “International Labour & Environmental Standards Application in Pakistan's SMEs (ILES)” aims at enhancing capacities of the textile and leather sectors to adopt Smart Environmental Management Practices (SEMPs) to reduce overall energy and water footprint of textile and leather manufacturing, in addition to addressing other relevant environmental issues such as air and noise pollution, and solid waste management. Under the umbrella project WWF-Pakistan intends to support textile & Leather enterprises in “Implementation of resource efficient technologies” on the following objective and scope.

2. Objectives

The objective of this consultancy is to hire services of a training institute to organize and conduct training session on Zero Liquid Discharge (ZLD) and strengthen the capacity of the textile & leather sector with respect to ZLD guidelines. The objective of this training is to introduce and promote the concept of recovering all wastewater within the facility in textile and leather sector in the country. The provision of advice, training, support and guidance is a key part of the consultancy services.

3. Scope of Consultancy:

The institute will be responsible for the delivery of the tasks assigned by WWF-Pakistan. The institute will be bound to execute the duties as mentioned in the TORs.
• Plan and execute one (1) training session: One (1) Day with 20 participants each on Zero Liquid Discharge (ZLD) guidelines

• The content of Training shall be finalized with the consent of the employer

• The training institute shall designate a liaison person for the time period of the consultancy to coordinate with employer (ILES project team) and participants for the training sessions

• The training institute shall be responsible for provision of all the related training materials, case studies, guidelines via email/courier before course commencement date.

• The training institute shall be responsible for looking after all logistics of the training

• The training institute shall be responsible for arranging and conducting exam to grant certificate to participants.

• Training content may include but not limited to:
  a. Basics of Zero Liquid Discharge (ZLD)
  b. ZLD related Laws & Standards
  c. Design Considerations
  d. Principals for an efficient & sustainable ZLD system
  e. Challenges for ZLD system implementation (Costs, technology)
  f. Cost benefit Analysis of ZLD system
  g. Reducing cost components of ZLD system
  h. Carbon foot print of ZLD
  i. Textile & Leather Industrial (Case Studies) one (1) for each sector

• The institute shall compile & submit a training report after completion of each training sessions

4. Requirements:

• The consultant should have a degree in Chemical / Textile / Environmental Engineering / Environmental Sciences with more than 10 years of working experience with the Textile & leather Sector and with at least 5 reference projects implemented in the last 3 years related to ZLD in the textile or leather industry.

• The consultant should have extensive knowledge of ZLD implementation

• The consultant should have at least 10 years of experience with engagement of Industrial associations
International/foreign trainer will be preferred
Affiliation with ZDHC Academy will be a plus

5. Time Frame

The time duration for completion of this training consultancy is 2 Months.

Criteria of Evaluation

Applicant’s proposal shall be evaluated based on Quality and Cost Based Selection (QCBS) method. Under QCBS both technical and financial proposals shall be evaluated as per following criteria against a maximum score of 100 points.

- Technical Proposal 70%
- Financial Proposal 30%

The following criteria shall be used as a basis for evaluation of technical proposals:

- Qualifications (maximum 30 points)
- Experience relevant to the assignment (maximum 30 points)
- Adequacy of the proposed methodology and work plan (maximum 20 points)
- Skills & Competencies for the assignment (maximum 10 points)
- Prior experience with WWF-Pakistan (maximum 10 points)

Budget

The tentative budget threshold for this specific assignment is PKR 1.2 million inclusive of all applicable taxes and out of pocket expenses. Evaluation process will be competitive; therefore, all the required documents should be submitted.

Deadline for the Proposal: May 05, 2022

Note: Late/ incomplete submissions will not be accepted. Only three (03) top ranked firms will be included in the comparative process.