Terms of reference (TOR)

Consultancy Services for Training and Implementation of Zero Discharge of Hazardous Chemicals (ZDHC) in Textile Enterprises of Pakistan

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 enterprises in “Training and Implementation of ZDHC Protocol” on the following objective and scope.

Objectives

The objective of this consultancy is to assist WWF-Pakistan to upgrade capacities of the private sector and local stakeholders on sustainable chemical management in the textile sector of Pakistan. Assessment and strengthening the capacity of the textile Sector with respect to ZDHC protocols. Delivering targeted trainings on how to manage their chemicals in line with the Zero Discharge of Hazardous Chemicals (ZDHC) requirements. The provision of training, advice, support and guidance is a key part of the consultancy services.

Scope of Consultancy:

The Consultant will be responsible for the delivery of the tasks assigned by WWF-Pakistan. The consultant will be bound for executing the duties as mentioned in the TORs.

1. Preparation of GAP analysis report of 05 Textile Enterprises (02 in KHI, 02 in LHE, 01 in FSD) to identify the shortcomings as per ZDHC Protocol and draft baseline chemical inventory.
2. Prepare and Submit action plan against the recommendations to comply with ZDHC protocol.
3. Present recommendations along with action plan to WWF-Pakistan and Partner Enterprises representatives and develop consensus.
4. Recommend changes in processes, chemicals and documentations to streamline as per guidelines of ZDHC

5. Wastewater testing/sampling protocols review for obtaining the certificate of conformity (Legal and/or ZDHC). The review will be based on existing ZDHC wastewater guidelines including a description of how wastewater should be sampled by operators and external laboratories.

6. Identify legal requirements pertaining to compliance of ZDHC

7. Preparation of 2-4 pages’ flyer on the ZDHC training program to be used in the communication to the companies targeted for the training programs

8. Sharing of all collected/raw data to WWF-Pakistan

9. ZDHC comprehensive Capacity building session to 05 Enterprises relevant Staff members.

Requirements:

- The consultant should have a degree in Textile/Environmental Engineering/Sciences with more than 10 years of working experience with the Textile Sector and with at least 5 reference projects implemented in the last 3 years related to ZDHC chemical management protocol in the textile industry.
- The consultant should have extensive knowledge of ZDHC protocol implementation
- Be a ZDHC accepted service providers and ZDHC contributor
- The consultant should have at least 10 years of experience with engagement of Industrial associations.
- Must be affiliated with ZDHC Academy