



Consultancy Ref No: 82/ILES/CENTRAL/23-24

RFP FOR CONSULTANCY SERVICES WWF-PAKISTAN

SUBJECT:

**Devising Solution for Solid Waste Management of
Gadoon Amazai Industrial Estate**

Application Submission:

Interested consultants should submit the Proposal on **Application Form Available Online** or can access through following Link:

<https://forms.gle/qazomXoWh7FSWcL29>

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1) INTRODUCTION & BACKGROUND

Contract type:	Consultancy and Services
Duration of assignment:	4 months
Type:	Firm & Individual

Background of Project & Assignment:

WWF Pakistan implementing the EU funded project namely “International Labour & Environmental Standards (ILES) Application in Pakistan's SMEs” aims at enhancing capacities of the manufacturing sector industries and SMEs to adopt (SEMPs) Smart Environmental Management Practices to reduce overall energy and water footprint of Leather & Textile manufacturing, in addition to addressing other relevant environmental issues such as air and noise pollution, and solid waste management.

2) GENERAL CONDITIONS

- 1) The WWF-PAKISTAN reserves the right to reject or accept any proposal. The WWF-PAKISTAN reserves the right to proceed with the implementation of any Service, in whole or in part, as described in the Proposal.
- 2) The WWF-PAKISTAN reserves the right to engage in discussions with any BIDDER to clarify responses or discuss certain issues with regards to the proposal or services requested. The WWF-PAKISTAN has no obligation to notify the other BIDDERS of the discussions, clarifications, or other information provided by a BIDDER. Any additional information required for preparation of the BID shall be distributed to all participants at the same time.
- 3) The WWF-PAKISTAN reserves the right to award the proposal based on experience, qualification, completion date, service cost and other criteria, and not necessarily the lowest cost.
- 4) Based on the RFP BID the WWF-PAKISTAN is entitled to change/replace or omit any clause/part of the preliminary defined scope of services of the proposal. The WWF-PAKISTAN shall conduct negotiations with WWF to achieve the full compliance to the requirements.
- 5) The WWF-PAKISTAN reserves the right in the event the successful CONSULTANT fails to comply with the terms and conditions as listed, to cancel this contract and award it to another CONSULTANT without penalty or action against the WWF-PAKISTAN. The RFP does not constitute an agreement or order.
- 6) The RFP is not a binding agreement between the parties, submission of a proposal or response by a proponent is voluntary.
- 7) By submitting a bid, the BIDDER is deemed to have acknowledged all of the undertakings, specifications, terms and conditions, **WWF Fraud and Corruption Prevention and Investigation Policy and WWF's Environment Social & Safeguard for consultant agreement** and to be bound by them if the BID is accepted. All expenses incurred by the Bidder in connection with the preparation of its proposal are to be borne by the RFP participant, and the WWF-PAKISTAN shall not incur any obligation whatsoever toward the Bidder regardless of whether such bid is accepted or rejected.

3) PURPOSE

a. Objective of the Consultancy:

The present terms of reference aim at practical to establish solution for solid waste management of industries in Gadoon Economic Zone. The consultancy intends to conduct techno-economic study to suggest economically feasible and environmentally safe option of solid waste management, segregation of useful by-products of different industries and possible solution for industrial processing solid waste including sludge from the industries.

The consultant/expert shall also be responsible for preparation of detailed plan, the equipment required and cost estimates, tender documents for procurement of various tools, equipment and technologies etc., for the proposed Solution for Solid Waste Management System.

b. Specific Tasks:

- Review of relevant project studies / primary data for understanding of project and to adopt best methodology for this assignment. This will include the review of Climate and Social Assessment Study, Environment Impact Assessment Study, Conceptual Report of Common Effluent Treatment Plant,
- Review & impart, existing norms & standards (national & international) applicable for Gadoon Economic Zone (GEZ) project, including Khyber Pakhtunkhwa EPD standards, UNIDO's Framework for Sustainable Manufacturing 2nd edition, LWG, EU BREF, etc.,
- Survey of industries for assessment of solid waste to determine the types and quantities of waste generated in industrial sector (*maximum 20 industries from different manufacturing sectors*).
- Identification & recommendation on segregation of useful by-products of industrial waste, for further use including like re-cycle products etc. The Waste utilization either as material should be preferred, energy generation should be as second option. The consultant should provide possible information on products which includes comparison, investment and market information (whether there is a market for such products). In case of the recommendations for waste to energy, the consultant must consider the gross & net calorific values of input collective waste.
- Comparatively discuss the financial, technical, and environmental, pros and cons of all available technologies of solid waste treatment & safe disposal that may be utilized for the project keeping in view the ground realities / site conditions. Proposed solution or technologies should be proven (not experimental) and should have references (at least three units already in use).
- Detailed Designing & Engineering Estimate of proposed solution for example Scientific Landfill/Waste to Energy etc, keeping in view the occupancy rate of zone, such as, initially for the next 5 years in GEZ. This will include the identification of suitable land within or outside GEZ and soil investigation.
- Detailed technical & financial proposal for waste collection, intermediate Storage, transfer & safe disposal of solid waste based on time-frame of occupancy of zone (ideally in four phases) and includes;
 - 1) Recommendation for Human Resource requirement.
 - 2) Identification and Recommendation for Equipment requirements i.e bins, containers, collection & transfer vehicles, etc, including placement plan.
 - 3) Proposed Operational & Monitoring plan which also includes digital weighing mechanism (individual or collective based) and allied facilities required.
- Preparation of Tender Documents on EPC basis, for the proposed solid waste management solution based on PPRA & PEC guidelines.

4) Deliverables

- Inception Report indicating detailed methodology and work plan (at the time of Kick-off/Preliminary Meeting) of award of the contract.
- Integrated Solid Waste Management Study Report including the solid waste test report & analysis. (Two Hard Copies and One Soft Copy in for of CD/DVD).
- Tender Documents & Engineering Estimates of selected technology. (Two Hard Copies and One Soft Copy in for of CD/DVD)
- Arranging two consultative session with Project stakeholders to present the findings of techno-economic study and to select the appropriate treatment technology.
- Arranging one workshop at project site to present the major findings of study to all project stakeholders.

5) REQUIREMENTS

- The consultant should have a one MSc/MS/M.phill in environmental sciences/ engineering having professional experience of 10-15 years and one MS/BE in Chemical Engineer /Civil Engineer, having professional experience of 10 years or more in field of environment / solid waste / renewable energy.
- The consultant should have a minimum of 10 years, in designing, feasibility studies developing policies, plans, engineering estimates related to solid waste management & treatment.
- The consultant should have affiliation with international agencies/councils.

6) CORRESPONDENCE & SUBMISSION OF PROPOSAL

1. **Application Submission:**

Interested consultants should submit the Proposal on **Application Form Available Online** or can access through following Link:

<https://forms.gle/gazomXoWh7FSWcL29>

2. If Any **Queries** may send through Email by attention to the Following:

To: Faiza khan (fakhan@wwf.org.pk)

Cc: Muzzammil Ahmed (mahmed@wwf.org.pk)

The RFP submission deadline mentioned on WWF-Website.

3. Any information and responses to enquiries will be made in writing and distributed by email to all proponents. Enquiries after the foregoing deadline will not receive a response.

7) FORMAT OF THE PROPOSAL

The BID submitted by the participant must be structured as per the below provided instructions:

- 1) **Application Form available at WWF-Website** - General information about the Bidder, covering qualification and experience, CV and all related Information.
- 2) **Experience:**
 - a) **Description of the complete projects:** the list and general information about the complete projects, description of the role in the project, other accomplishments of the Consultant.
- 3) **Proposal outlining scope consultancy service-** Description of scope and working process, stages, deliverables, exclusions, conditions;
- 4) **Provide template of already complete similar type of reports-** the WWF-PAKISTAN may request additionally;
- 5) **Service Provision Timeline** – Provide Detailed Work Plan as per Deliverable and TORs.
- 6) **Financial Proposal-** the prices shall be provided in Pak Rs, the total price shall include all costs related to service provision including applicable taxes.

Note:

Templates of all Information is provided on Application form available at WWF-Website. Any Additional Information related to the RFP can be attached along with application Form.

8) FINANCIAL PROPOSAL

The proposed prices shall be provided in PKR, the total price shall include all costs related to service provision including all Direct and Indirect taxes, Travel, Boarding & Lodging shall be based on actual receipt up to max Ceiling (If Any).

The consultant will submit the cost of the assignment in a lump sum, including all applicable taxes according to the Government of Pakistan and the Government of KP

The Payment Term: shall be defined by the contract to be concluded between WWF -Pakistan and the consultant.

9) EVALUATION PROCESS

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.

A) Technical Proposal (70%)

- Detailed workplan
- Expression of interest (EOI)
- Company's Profile
- Detailed methodology

B) Financial Proposal (30%)

- Detailed financial proposal which should be inclusive of all applicable taxes and out of pocket expenses. The financial proposal should follow a breakdown structure i.e., specifying cost(s) to each head and subhead
- Company's registration certificate
- NTN detail(s)
- Any legal or technical certification required for the task
- Audited Accounts Report (if available) of last FY

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

10) DOCUMENTATION AND CONFIDENTIALITY

All documents completed based on requirements of the present RFP shall be the property of the WWF-Pakistan, and shall not without the consent of the WWF-Pakistan be used, reproduced or made available to third parties beyond what is necessary in respect of the fulfillment of the Project. All documents issued and information given to the BIDDER shall be treated as confidential.

11) BUDGET

Total Budget for this activity inclusive of all taxes and Out of Pocket expenses are Budget is **PKR 3.0 million.**