



Consultancy Ref No: 97/ILES/Central/23-24

RFP FOR CONSULTANCY SERVICES WWF-PAKISTAN

SUBJECT: Situational Analysis of Air Quality in Lahore

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:	February-July 2024
Type:	Firm and Individual both

Background of Project & Assignment:

WWF-Pakistan is currently implementing an eight-year project, the International Labour and Environmental Standards Application in Pakistan's SMEs (ILES), in collaboration with the International Labour Organization (ILO), funded by the European Union (EU). The project employs a two-pronged approach, aiming to improve environmental governance and compliance in the leather and textile sector to leverage the economic benefits of the European Union's Generalized Scheme of Preferences (GSP+).

The air quality in Lahore has been deteriorating in recent years, reaching hazardous levels at times. This has had a significant negative impact on the health and well-being of the city's residents. The objective of this study is to conduct a thorough analysis of the air quality situation in Lahore, considering various factors contributing to pollution, understanding the recurring smog occurrences, and proposing strategies to address these issues. This analysis will inform the development of effective strategies and interventions to improve air quality and protect public health.

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:

•Data Acquisition and Analysis:

Gather and comprehensively analyze air quality data from diverse sources, including government records, monitoring stations, community-driven air quality monitors, published research literature, and Geographic Information System (GIS)

data.

- **Current State Assessment:**

Assess the current state of air quality in Lahore, identifying the prevailing major pollutants, their concentrations, and their sources.

- **Temporal Trends and Patterns:**

Analyze air quality trends over time, specifically focusing on significant changes or patterns in air quality parameters such as SO₂, CO₂, NO₂, CO, PM_{2.5}, and PM₁₀, along with the frequency and intensity of smog incidents.

- **Pollution Source Identification:**

Utilize mapping tools to visualize and comprehend the spread and intensity of pollution hotspots and pinpoint potential sources contributing to poor air quality and smog, such as industrial emissions, vehicular exhaust, crop burning, brick kilns, etc.

- **Monitoring Infrastructure Evaluation:**

Evaluate the adequacy and effectiveness of the existing air quality monitoring infrastructure and data collection systems in Lahore.

- **Health Impact Assessment:**

Examine the health impacts, particularly during smog episodes, of poor air quality on the population of Lahore.

- **Intervention Strategy Development:**

Based on the findings, develop robust and evidence-based recommendations for interventions and strategies to address the identified air quality challenges and improve air quality conditions in Lahore.

b. Specific Tasks:

The consultant will undertake the following tasks:

- Review of existing literature and data on air quality in Lahore.
- Collection and analysis of air quality data from various sources, including monitoring stations, satellite imagery etc.
- Identification and characterization of major air pollution sources in Lahore, including industrial emissions, vehicular traffic, waste burning, and construction activities etc.
- Evaluation of the effectiveness of existing air quality management programs and policies in Punjab.
- Identification of best practices and successful interventions for air quality improvement from other cities/countries.
- Development of a comprehensive set of recommendations for evidence-based interventions and strategies to address the identified challenges and improve air quality in Lahore.
- Preparation of a detailed report summarizing the findings of the analysis, including maps, charts, and graphs, and presenting the recommendations in a clear and concise manner.

4) Deliverables

The following deliverables will be provided by the consultant:

- Inception report outlining the proposed methodology, work plan, and timetable for the study.
- Draft and final situational analysis report, including all data analysis, modeling results, recommendations, and supporting materials.
- Presentation of the findings and recommendations to the WWF-Pakistan.
- An electronic copy of all data and models developed (if any) during the study.
- A research paper analyzing and discussing the key findings of the study.

5) REQUIREMENTS

The consultant/consultancy firm should have a proven track record of successfully conducting air quality situational analysis. The consultant/consultancy firm should be experienced professional(s) having an experience of more than 10 years and PhD in the relevant field.

Experience Areas:

- Air quality monitoring and data analysis
- Air pollution modeling and dispersion
- Environmental engineering and planning
- Public health

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/qazomXoWh7FSWcL29>

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 fulfilment 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 is **PKR 1.5 million**.