

TERMS OF REFERENCE FOR CONSULTANTS FOR ENVIRONMENTAL IMPACT ASSESSMENT STUDIES

1. Background:

Tourism Corporation Khyber Pakhtunkhwa requires the services of experienced and competent environmental consultants / consultancy firm to conduct "Environmental Feasibility / Impact Assessment Studies as per the EPA-KP Environmental Protection Act, - 2014 and the IEE/EIA Regulation-2000 and Guidelines issued by Pak-EPA for the following Tourism Development Projects for Environmental Assessment in different areas of the province:

S# Name of Projects

1. TOURIST RECREATIONAL ACTIVITIES AT BIR GALI, DISTRICT SWABI.
2. CABLE CAR & TOURISM ACTIVITIES AT SHOGRAN TO SIRI PAYE.
3. WATER SPORTS & RECREATIONAL RESORT AT CHAKDARA
4. RESORT & SULPHUR SPA IN GARAM CHASMA, CHITRAL
5. RECREATIONAL ADVENTURE RESORT AT MORO, PALAS
6. TOURIST RECREATIONAL HILL RESORT AT BAHRAIN, DISTRICT SWAT
7. SPORTS CITY & TRAINING ACADEMY IN SWABI
8. WATER SPORTS & RECREATIONAL ACTIVITIES AT HARNOI, ABBOTTABAD.
9. WORLD CLASS POLO GROUND & MINI GOLF CLUB AT SHANDUR, CHITRAL
10. KUMRAT VALLEY TOURIST VILLAGE: THE HIDDEN PARADISE TOURIST SPOT
11. CHAIRLIFT SCHEME AT JAZZ BANDA KUMRAT

The consultant / consultancy firm must be registered with Income Tax and relevant technical forums and shall have the technical and management capacity to successfully deliver the task.

2. Objective of the assignment:

The objectives of the project are as follow:

- Updating, comparison of the previous and current state of environment related to these projects.
- Updating of the previous data (primary & secondary) regarding forest, agriculture, solid waste, ambient air, air pollution, water pollution, soil pollution, noise etc through surveys and analysis with special reference to Tourism projects mentioned in para-1 above.
- Analyzing and consolidation of the primary and secondary data collected from the field and comparing to find out previous and current trends in the status/degree of pollution, highlighting the worst scenarios for general awareness in respect of the above mentioned 11-Projects.
- Highlighting of the major causes of environmental issues and its impact on the general public, health, social and economics in the area of above Tourism projects.

3. Scope of Work:

The consultant shall / will conduct environmental feasibility/impact assessment studies as per the EPA-KP Environmental Protection Act-2014 and the IEE/EIA Regulation-2000 and Guidelines issued by Pak-EPA for the above mentioned 11 tourism development projects for environmental assessment.

The experts would deliberate on the possibilities and options within the framework of KP Environmental Protection Act-2014 as amended from time to time and justifiably qualify if the assessment so indicate.

a) Primary Data Collection:

Parameter for primary data required should be consulted with EPA-KP. The analysis shall be done from a certified environmental laboratory in Khyber Pakhtunkhwa or any other recommended by the Agency in this regards.

S#	Types of Samples	No. of Samples	Priority Parameters	Sampling Districts/Points
1	Air quality	502	COx, NOx, SOx, SPM, Ozone (O3), H2S and others	To be specified by EPA
2	Drinking water quality	415	DO, BOD, COD, TSS, TDS, Turbidity, TOC, Total Coliforms, Temperature, Iron, Lead, Zinc, Chromium, Arsenic, Magnesium, Manganese, and other heavy metals	To be specified by EPA
3	Surface water quality	170	DO, BOD, COD, TSS, TDS, Turbidity, TOC, Total Coliforms, Temperature, Iron, Lead, Zinc, Chromium, Arsenic, Calcium, Magnesium, Manganese, and other heavy metals	To be specified by EPA
4	Soil quality	160	All parameters and essential heavy metals required for assessment of soil potential for agriculture production.	To be specified by EPA
5	Noise	205	Noise in dB as per NEQS criteria.	Major urban centers and industrial areas to be specified by EPA.

b) Secondary Data Collection:

The consultants would collect all relevant secondary data as per requirement of Initial Environmental Examination (IEE) or Environmental Impact Assessment (EIA) report. This will include but not limited:

- Land Area and Land Use Data
- Topography data & GIS mapping
- Population data & dynamics
- Industries including Brick kilns, Poultry Farms etc
- Education Statistics
- Health Statistics
- Water Resources
- Transportation & Communication Networks
- Agriculture & Livestock's.
- Irrigation & dams/barrages
- Forestation/deforestation
- Biodiversity including Wildlife Sanctuaries, Protected Areas, National Parks, Game Reserves and others
- Culture and Heritage
- Environmental Sensitive Areas
- Climate /weather, rain fall etc.
- Abnormal Climate Changes
- Disasters Prone Areas & Management
- Solid waste collection and disposal practices
- Waste water discharges and treatment facilities
- Hazardous wastes & disposal practices.
- Livelihood and income of peoples
- Other development and statistical data regarding environment.

- Etc. etc.

c) Analysis and Presentation of Data:

The data collected regarding a specific project shall be presented in IEE or EIA which-ever is required.

d) Stakeholders Consultation:

The consultants will be responsible for stakeholder's consultation in case of EIA as per standard procedure. The feedback from stakeholders shall be incorporated in the final report to be presented by the consultant to the Client (TCKP).

e) Designing & Printing of Report:

The consultants/firm has to submit 12 hard copies and three soft copies.

4. Confidentiality of Findings

All interview notes, documents and information obtained as a result of this study are to be considered the property (ownership) of the Tourism Department / TCKP, Govt. of Khyber Pakhtunkhwa and should be handed over to TCKP in original and the same should not be discussed or shared with others without the express consent of the Tourism Department / TCKP. Similarly findings and recommendations of the study should not be discussed with any third party without the expressed, written permission of TCKP. The TCKP shall reserves the copy rights of the Final Environmental Profiles Report and the consultants shall not disclose the information and or use the same for any other purpose without prior approval of TCKP.

5. Reporting

The consultancy firm will be contracted by the Managing Director, TCKP who may ask for technical help of EPA-KPK.

6. Timing of Work

The full and final report is expected to be presented not later than 2 months following the signing of the contract. A draft report should be presented before completion of the project, so it can be reviewed by the Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa and comments provided to the firm. The firm will meet with EPA's officials for legal and technical advice / requirement preparation of IEE / EIA report.

7. Contractual Matters

Matters of payment for work done and contractual responsibilities of the TCKP and the consultant will be detailed in the contract as assignment is being carried out for the tourism projects mentioned in para 1, wherein Tourism Corporation Khyber Pakhtunkhwa has advertised the EIA for its projects which shall be paid out from their fund.

8. Qualification and experience of consulting firm.

The desired consultancy firm must possess the following qualification and experience:

- The firm must be registered as consulting firm/corporate entity having national tax number and paid all applicable Government taxes (proof required).
- The firm has not been declared and or recommended for declaring black-listed by any Government or Private Organization.
- The firm must have sufficient paid human resources and expertise to carry out the assignment. Detailed CVs of all the professional team and employees with contact numbers must be provided to conduct the proposed study.

- The firm must have at least ten years of relevant experience on environmental issues particularly in the acquisition of primary and secondary data, development of environmental reports, policies and documents similar in nature.
- The firm having demonstrated experience of work on national / international projects of similar nature should be preferred.
- Demonstrated knowledge of relevant environment, climate, development, natural resources land management and project management aspects.
- In-depth knowledge and experience with the government agencies and departments and acquaintance of their allied rules and procedures
- Knowledge of the private sector and NGOs will be desirable as it may relate to the probable sub-contracting of study.
- The Team must have ability to collect and analyze air, water, noise, and particulate matters data and should be able to communicate and report writing in English.
- The firm must have demonstrated experience of conducting research and studies, writing papers, developing reports for similar assignments.
- The team should have ability to work with, hold meetings, and obtain information from government officials, NGOs, Civil Society, private sector organizations and other stakeholders.

The consultant / consultancy firm must be registered with Income Tax and relevant technical forums and shall have the technical and management capacity to successfully deliver the task. The technical & financial proposals in sealed envelopes alongwith call deposit @ 2% of the total cost, on basis of '**Single Stage two envelope system**' shall reach the undersigned on 10/4/2017 at 11:00am. The technical proposals will be opened on the same date at 2:00pm, which will be evaluated as per the KPPRA Rules -2014 and consultant selection guidelines issued by Govt of Khyber Pakhtunkhwa.



MANAGING DIRECTOR

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