

**Individual Consultant Contract**  
**For**  
**Consultancy Services**  
**To**  
**Support the Environmental component**  
**under Environment and Social Development**  
**Cell (ESDC)**

**UTTAR PRADESH PUBLIC WORKS DEPARTMENT (UPPWD)**

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# TERMS OF REFERENCE

## **INDEPENDENT CONSULTANT TO SUPPORT THE ENVIRONMENTAL COMPONENTS UNDER ENVIRONMENT AND SOCIAL DEVELOPMENT CELL (ESDC) OF UPPWD**

### **1.0 INTRODUCTION**

This term of reference is for qualified individual consultant with expertise in relevant environmental field, who will work as a member of ESDC of PMU to support the activities of ESDC. The UPPWD intend to improve approximately 600 Kms of State Highways under Uttar Pradesh Core Road Network Development Program (UPCRNDP).

### **2.0 BACKGROUND**

The Government of Uttar Pradesh has requested financial assistance from the World Bank for carrying out improvement of the Core Road Network of the state under UP Core Road Network Development Program (UPCRNDP). The objective of the project is to demonstrate innovative and scalable practices in road network management, safety management and enforcement on targeted project corridors and support institutional development of implementing agencies in these areas. The Civil work and Institutional Strengthening component will be implemented by Public Works Department, while Road Safety Initiatives component would be implemented by Home/Police, Transport and PWD.

The project will be prepared and implemented in two phases. Compliance with environmental and social safeguards during different stages of the project is among major components of the project. To ensure the compliances with the Social and environmental safeguards an Environmental and Social Development Cell (ESDC) has been formed in UPCRNDP under PMU, UPPWD. The broad objectives of the proposed ESDC are as follows:

- a) To give advice regarding the various laws and regulations that are applicable in the context of road related activities with respect to social and economic development of people affected through roads and environmental importance of regions where road development takes place.
- b) To suggest precautionary measures for safeguarding environment and social issues according to contract specifications and make responsible for implementation by the Contractor.
- c) To ensure the applicability of the operational acts and policies with respect to engineering interventions. The various interventions as deemed important should normally follow the respective Acts. The matrix gives a primary indication at the policy level. At the construction stage, the clearances, the contractor should get from concerned authorities with respect to each construction activity.

The existing ESDC is overloaded with activities for implementing Environmental and Social issues. Due to inadequate specialized staff, it has become difficult to ensure that all Social & Environmental issues are appropriately addressed.

In order to accomplish the objectives of the ESDC under UPCRNDP Project, the PMU UPPWD is seeking qualified individual consultant with expertise in relevant environmental field, who will work as a member of ESDC of PMU to support the activities of ESDC.

### **3.0 OBJECTIVE/PURPOSE OF THE ASSIGNMENT**

The main objective of hiring a Consultant is meant to support the PIU/ESDC at HQ in Lucknow. The Consultant will work in ESDC for PMU, which has been established to support the implementation of UPCRNDP Project.

### **4.0 SCOPE OF ASSIGNMENT AND DETAILED TASKS**

The Environmental Expert has to support ESDC and will be responsible for, but not limited to, the following duties:

- Provide overall environmental management oversight during the implementation of UPCRNDP project, supporting and advising the PWD in addressing a variety of environmental issues at all the stages of the implementation of the UPCRNDP and in environment related training/awareness raising and coordination activities.
- Ensuring implementation of environmental related activities as outlined in the Environmental and Social Management Framework (ESMF) of the project and in particular the respective approved EMPs for each project road.
- Prepare necessary documents, such as environmental guidelines and tools in consultation with stakeholders and help the client in commissioning and managing additional and/ or special studies/ assessment, if necessary.
- Maintain records pertaining to the environmental issues of UPCRNDP project at PIU Level.
- Scrutinise site reports submitted by contractor and Supervision Consultant and Facilitating approvals of documents/sites from PWD Officers
- Confirm deployment of professionals by PMC, Supervision Consultant and Contractors agreed in their technical proposal.
- Ensure compliance of projects with national policies on environment and resettlement and rehabilitation
- Ensure effective Management of Environmental Assessment Processes underway or to be undertaken during implementation
- To review monthly reports at PIU level and verify that the observations of CSC are complied by the contractors, prepare reports in this regard and update PIU regularly
- Review and finalize the Independent Review of Reports and Documents on Environmental safeguards and compilation of monthly/quarterly/ annual environmental monitoring reports of the entire project for onward submission to World Bank.
- Ensure that the World Bank's observations on environmental safeguards are addressed appropriately in timely manner.
- Undertake confirmatory field visits for verification of environmental issues
- Field-checking of the delivery of the (i) preparation and adequacy of EMP Implementation; (ii) various trainings, including process adopted for training needs assessment, selection of trainees, trades selected for training, selection process of master trainer or training agency; (iii) Field verifying of the grievance related to environmental issues
- Review environment implications of sub-project activities per the ESMF and help developing local environment solutions.
- Validate and sign off Environmental Monitoring Reports submitted by PMC/Supervision Consultant and PWD for disclosure of documents
- Update data/reports/documents on environmental safeguards on PMIS Website

- To maintain record of environmental grievance redressal as well as corrective action taken report in PMIS module.
- Finalize training modules for on-the-job training to relevant staff of the Contractor, Supervision Consultant and PWD project staff and guide them on EMP implementation
- Ensure that Contractor adheres to the agreed time-plan during implementation
- Facilitate proper documentation by PWD, which *inter alia* includes the following: (i) documentation of Environmental data; (ii) Quarterly and annual Reports on EMP Implementation; (iii) documentation of consultations; (iv) documentation of grievance redressal on Environmental Safeguards;
- Attend meeting and accompany World Bank mission at different project sites.
- Liaise with the regulatory authorities on various environmental issues.
- Advise PWD regarding possible improvements in EMP implementation.
- Undertake any other activities on environmental safeguards as directed by the PMU.

## **5.0 QUALIFICATION AND EXPERIENCE**

The qualification and experience for Consultant shall be as follows:

### ***Minimum Educational Qualifications:***

Master's Degree or equivalent in Environment Sciences/Environmental Engineering or related field with experience of working in World Bank funded projects.

### ***General Experience:***

Minimum total work experience after post-graduation – 15 years

### ***Relevant Experience:***

- Minimum 5 years of total work experience on implementation of EMP in Road Development Projects
- Desirable - Environmental Expert in at least one World Bank funded projects

### ***ESSENTIAL KNOWLEDGE AND EXPERIENCE:***

- The candidate must have knowledge of the World Bank's guidelines, procedures and operational policies/directives.
- The candidate should be conversant with all the activities expected to be undertaken for Environmental / Forest / Wild life clearance procedures and pertinent guidelines of Ministry of Environment & forests (MoEF), Government of India.
- The candidate must have the experience of preparing environmental management plans and supervising & monitoring implementation of the plans.

## **6.0 PERIOD OF ASSIGNMENT**

Consultant will be contracted for a period of 36 (thirty six months) from the date of their appointment. The services of the Consultant would be initially required for a period of 12 months starting from date of LOA and may be renewed after assessing the pace of project implementation, performance on mutual consent.

## **7.0 PLACE OF ASSIGNMENT**

The Consultant will be placed in Project Director's Office, UPPWD, Lucknow. However he has to make visits to different project sites as and when required basis.

## **8.0 DATA, SERVICES AND FACILITIES TO BE PROVIDED BY THE UPPWD**

All facilities and support required in the performance of the assignment shall be extended to the consultant during his tenure of service. The facilities will include:

- Office space with computer and furniture
- Email and internet access
- Required office stationary
- Photocopying/ printing facilities

UPPWD will also provide the copies of the ESMF, Environmental assessment report and any other relevant reports/data document prepared by the Design Consultant/ PMC/ Contractor.

## **9.0 REPORTING REQUIREMENTS**

The consultant will report time to time to the Project Director/Head, ESDC/ and other concerned regarding the accomplishment of his/her assignment.

## **10.0 PAYMENTS**

- a. The consultant shall be paid remuneration on monthly basis based on the inputs of the consultant in the month, which should include all his overheads, social charges and other associated costs including local transportation.
- b. The consultant shall be responsible for all taxes and duties including income tax applicable as per Government of India rules and regulations.
- c. Travel and other logistic expenses for field visits will be provided by the PWD as per TA/DA norms of GoUP. The travel will be pre-approved by PIU.

## **11.0 SELECTION CRITERIA**

The consultant shall be selected based on the individual consultant selection method of the World Bank's consultant selection guidelines. Main criteria for the selection will be relevant qualification and work experience.