

Ministry of Local Development
Department of Local Infrastructure Development and Agricultural Roads (DoLIDAR)
Rural Reconstruction and Rehabilitation Sector Development Program (RRRSDP)
Project Coordination Unit (PCU)

**Terms of Reference for Environmental Management Specialist (14.5 person-months,
domestic)**

1. Background:

The Government of Nepal has received a grant from the Asian Development Bank (ADB Grant No. 0093-NEP), grant from Department for International Development (DFID)-Grant 2008 and loan from the OPEC fund for International Development (OFID)-Loan No. 1185P towards the cost of **Rural Reconstruction and Rehabilitation Sector Development Program (RRRSDP)**. The project components include (i) improved rural roads; (ii) developed and improved community-based supplementary rural infrastructures; (iii) enhanced equity, employment and income opportunities for the poor and disadvantaged; (iv) strengthened institutional capacity of the Ministry of Local Development (MLD), the Department of Local Infrastructure Development and Agricultural Roads (DoLIDAR), and District Development Committees (DDCs) of project districts; and (v) improved project management.

The project will focus on 20 districts (Panchthar, Ilam, Jhapa, Morang, Sunsari, Dhankuta, Sindhuli, Dolakha, Sindhupalchowk, Kavrepalanchowk, Lalitpur, Bhaktapur, Kathmandu, Chitawan, Manang, Mustang, Parbat, Rolpa, Rukum and Dadeldhura); not yet covered by major donor funded rural road infrastructure projects. It will additionally support for components (ii) to (v) to the existing 18 Decentralized Rural Infrastructure and Livelihood Project (DRILP) districts (Taplejung, Sankhuwasabha, Okhaldhunga, Ramechhap, Gorakha, Lamjung, Myagdi, Baglung, Humla, Mugu, Kalikot, Jumla, Dolpa, Jajarkot, Bajhang, Bajura, Baitadi, Darchula).

The project has been started from 14 January 2008 and will be completed by 31 December 2011.

The Environment Management Specialist is expected to facilitate and expedite the project preparation and implementation activities.

2. Key qualifications:

- i. At least masters in relevant field with B.E. (civil/environmental engineering) background with at least 10 years of experience.
- ii. Familiar with environmental protection guideline, EPA (1996), and EPR (1997) of the GoN, ADB environmental requirements including ADB's priorities in environmental considerations.
- iii. Experienced in both ADB and GoN environmental policies and procedures.
- iv. Experienced in report writing with good communication skills in English as well as in Nepali.

3. Duty station:

Kathmandu with frequent field visits.

4. Inputs:

Environment Management specialist will be recruited for 14.5 person-months. The assignment is expected to start from October 2009. The input of the Environment Management specialist will be utilized over the remaining project period as required.

Scope:

The Specialist will work with legal, administrative framework of GoN and ADB. The specialist will be responsible for the technical aspects of environmental measures to be adopted under the project including projects requiring IEE. He/she must have relevant experience in IEE process for the projects being implemented by DDCs/DTOs. The Specialist is also expected to be experienced in both ADB and any other GoN environmental policies and procedures.

5. Duties and responsibilities:

The Environmental Management Specialist will undertake the following tasks:

- (i) Review the Environmental Assessment and Review Procedures (EARP) prepared for RRRSDP and assist the concerned to apply in line with the EARP
- (ii) Develop an institutional mechanism for speedy and efficient delivery of all aspects of environmental management in the project cycle of subprojects including IEE process.
- (iii) Liaise closely with the environment management section (EMS) of MLD and communicate closely with monitoring and environment section of DoLIDAR for technical support and monitoring mechanisms.
- (iv) Provide training for DDCs/DTOs staffs and District implementation Support Team (DIST) for capacity building in IEE process. Review the DRILP project procedural manuals already available in DoLIDAR for the construction of rural infrastructures, and elaborate and update the manual, in both English and Nepali, with new requirements in context of environmental aspects for subprojects. In particular, prepare guidelines and procedures for environmental tasks; screening, drafting of TOR for IEEs, review and approval of IEEs, public consultation, and managing environmental consulting services; and support and facilitate their adoption and practice.
- (v) Develop standard IEE formats for subprojects, especially rural roads, which are to be strictly followed by the consultants. These standard formats should be endorsed by MLD, DoLIDAR and DDCs. Simplifying and speeding up the IEE procedures without compromising the quality will be the major objective of the formats.
- (vi) Provide simple guidance on the tasks and responsibilities involved in the IEE process and ensure that the staffs of DDC and DTO understand their responsibilities in actually meeting environmental targets and implementation of EMP recommendations of the subproject.

- (vii) Prepare district environmental brief for each of the participating districts with appropriate consultations, using the model developed by the Rural Access Program (RAP) and endorsed by DoLIDAR.
- (viii) Support the DDCs and DTOs in undertaking environmental appraisal of sub-projects that are required by national legislation and ADB procedures. This will comprise: (a) environmental screening of all sub-projects; (b) initial environmental examinations if necessary; and (c) the processing the completion of all approvals by the appropriate authorities.
- (ix) Facilitate and support the DDCs, DTOs and District Implementation Support Team (DIST) to undertake and report on regular environmental monitoring of ongoing sub-projects, to check compliance with project guidelines and implementation of mitigation measures defined in the IEEs. Reporting mechanisms should be actually verifiable at any time during the project period.
- (x) Where appropriate, highlight to concerned agencies: (a) situations of significant deviation from project environmental requirements; (b) proposed remedial actions; and (c) proposed modifications to existing procedures or to project standards, for consideration by the PCU.
- (xi) Support the EMS of MLD, DoLIDAR and DDCs/DTOs in managing independent environmental monitoring at project level.
- (xii) Prepare and organize environmental awareness raising and training activities, particularly for stakeholders in the districts.
- (xiii) Liaise with other programs and agencies to explore the potential for collaboration in strengthening the environmental capacities of the DDCs, DoLIDAR and the EMS.
- (xiv) Develop sustainable local mechanisms for the maintenance and repair of the environmental engineering mitigation measures such as bio-engineering measures, local level erosion control measures, various measures adopted for minimizing air, water and noise pollution etc.
- (xv) Undertake additional tasks as required by the PCU.

6. Output:

In addition to the regular tasks, the consultant should be responsible for providing/preparing following documents and reports during assigned period.

- i. Inception report
- ii. EARP review report
- iii. Guidelines and procedures for environmental tasks
- iv. Standard IEE formats for subprojects
- v. Proceedings of workshops and trainings
- vi. Districts environment of the projects districts
- vii. Development of mechanism for the maintenance of environmental, engineering measures
- viii. Final report

7. Reporting relationship:

The consultant will report to the Project coordinator or his/her designate. The consultant will work as a team member in Central Implementation Support Consultants (CISC) after its establishment and report to team leader or his/her designate as well.

8. Logistics:

The consultant will be provided office space with in the premises of PCU/CISC.

9. Evaluation of EOI:

The consultants will be evaluated on the basis of general qualification (education and training) and experiences considering general, specific and regional in the relevant field.

10. Agreement:

The consultant will enter into an agreement after negotiation with PCU.

11. Taxation:

The consultant will be fully responsible for all taxes imposed by GoN, Nepal.