

Terms of Reference

For Consulting Services of Individual Environmental and Social Safeguard Specialist

Contract: PPCR/DHM/S/IND-98			
Project	PPCR- BRCH (Building Resilience to Climate Related Hazards)		
Expertise:	Individual Expert for Environmental and Social Safeguard Specialist		
Source	National	Category	Independent
1. Background:			
<p>Government of Nepal (GoN) has prepared Strategic Program for Climate Resilience (SPCR), which was approved by Climate Investment Fund (CIF). SPCR has identified four projects for investment in Nepal. One of them the "Pilot Project for Climate Resilience (PPCR) - Building Resilience to Climate Related Hazards (BRCH). Components A, B and C under BRCH are being implemented by the Department of Hydrology and Meteorology (DHM), Ministry of Energy, Water Resources and Irrigation (MoEWRI). Component D of the BRCH is being implemented by the Ministry of Agriculture and Livestock Development (MoALD). A dedicated Project Management Unit (PMU) has been set up at DHM for the implementation of project components A, B, and C.</p> <p>The project aims at upgrading hydro-meteorological network, weather forecasting system and flood forecasting system. The process involves acquiring private and/or public land, construction of buildings and establishment and operation of telecommunication systems including radar. Assessment of social and environmental impacts considering the losses of agriculture products, deforestation, loss of natural habitats, impacts on indigenous population, electromagnetic radiation of telecom equipment, security of installations are some of the important social and environmental aspects of the project.</p> <p>PPCR-BRCH at DHM requires consulting services from an individual consultant with expertise in relevant environmental field, who will work as a member of PMU to accomplish the objectives of the project.</p>			
2. Objective/Purpose of the Assignment:			
<p>The consultant will work for PMU, which has been established to support the implementation of PPCR-BRCH. The consultant will report to the National Project Director (NPD) and Assistant Project Director (APD) on the following responsibilities.</p> <ol style="list-style-type: none">1. Provide overall environmental management oversight during the implementation of PPCR-BRCH, supporting and advising the client in addressing a variety of environmental issues at all the stages of the implementation of the PPCR-BRCH Project and in environment related training/awareness raising and coordination activities.2. Implement environmental related activities as outlined in the Environmental and Social Management Framework (ESMF) of the project.3. 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.			

4. Leading implementation of safeguards and social inclusion for the BRCH project and coordinating communications aspects relating to the BRCH project with communication related needs at the PPCR program level.

3. Scope of Work:

The incumbent will work closely with other members of Project Management Unit (PMU), System Integrator/General Consultant and DHM staff for attainment of the project's goal. The scope covers the whole project's environmental and social oversight responsibilities including those implemented by DHM and by Ministry of Agriculture, Land Management and Cooperatives. The consultant's main duties and responsibilities are as follow.

4. Duties and Responsibilities of Consultant:

Under the direct supervision of National Project Director, the incumbent will be responsible for, but not limited to, the following duties.

- a. Ensuring that each subproject and activity under the project is subjected to the Project ESMF process and procedures.
- b. Prepare guidelines, tools and notes for use in the project based on relevant environmental and socio-economic policies, acts and regulations/ directives of the Government of Nepal (GoN) and relevant safeguard policies of World Bank Group and the ESMF;
- c. Carry out environmental screening of subprojects and activities, and help prepare subproject or activity specific Environmental Management Plans (EMPs);
- d. Organize environmental orientation & awareness, and training
- e. Help commissioning and managing Initial Environmental Examination (IEE), if necessary and other special studies/ assessment such as hazardous & e-waste management. Prepare environmental information materials and help the client in disseminating the information to the relevant stakeholders.;
- f. Review subproject and activity plan, design, cost, and bid documents to ensure environmental factors and mitigations are incorporated, and subproject/ activity documents and environmental documents are in harmony. Larger or sensitive investments such as DHM building and Radar stations shall be reviewed from early on (starting from concept stage) ;
- g. Carry out site supervisions during implementation of subprojects and activities, and provide feedback to the PMU;
- h. Support the client in recruiting and managing independent consultant for mid-term and end-term evaluation of ESMF Compliance.
- i. Identify requirements of permission for setting up observation and measurement system in areas secured for conservation and protection;
- j. Coordinate with relevant agencies for obtaining permission;
- k. Communicate with vendors, contractors, and subcontractors for necessary environmental compliance;
- l. Evaluate environmental risks associated with floods, landslides, erosion, bank cutting and shifting channel as a result of project activities;
- m. Monitor potential collaboration with specific key stakeholders, such as Ministry of Energy,

Water Resources and Irrigation, Department of Wildlife and National Parks, Department of Forest, Department of Water Induced Disaster Prevention (WIDP), Nepal Red Cross Society (NRCS), Civil Aviation Authority, Telecommunication Authority, cultural agencies etc on important environmental issues;

- n. Organize local-level interaction programs on environmental screening and environmental awareness as well as Organize national level consultations with major stakeholders and academia, if necessary;
- o. Coordinate with hazardous waste and e-waste assessment works in evaluation of alternative technologies to replace hazardous wastes and to minimize pollution as well as in evaluating recycling options and developing waste disposal schedule or auction process;
- p. Evaluate the impact of new structures such as gauge house, cable way weir etc on aquatic environment and other environmental issues ;
- q. Identify necessary environmental requirement to clear site properly for DHM building Radar site meteorological station and hydrological station;
- r. Assess appropriate technologies suitable for construction activities at field sites and the headquarters considering low carbon foot print.
- s. Advise the involved designers of construction and building in the use of natural lighting, optimal use of solar energy, low GHG emission, rainwater harvesting, planting local species and waste management.
- t. Assess the impacts of electromagnetic radiation on health and other telecommunication installation in the project area and provide necessary advice;
- u. Assess baseline condition of project sites in Kathmandu and field locations;
- v. Produce report in a manner understood by non-technical people for effective dissemination purpose. Produce relevant summary documents in Nepali language for dissemination in local levels;
- w. Ensure the social performance of the project in line with World Bank's safeguards policies on involuntary resettlement and indigenous peoples;
- x. Carry out social screening and Conduct social impact assessment;
- y. Assess the vulnerability of social groups ;
- z. Prepare safeguard documents to address any adverse social issues such as involuntary resettlement as defined in the Bank's OP4.12; gender issues and citizen engagement;
- aa. Assist PMU in preparation of RAP; compensation and R&R assistance package for each sub project in line with the ESMF; VCDP and GAP
- bb. Assist PMU in establishing Grievance Redress Mechanism at basin and regional level accessible to communities for effective use of information, warnings and forecasts; and
- cc. Undertake other duties as per the requirements of the project or as directed by National Project Director/Assistant Project Director and Project Technical coordinator.

5. Competencies

- i. Must be able to work with multiple people of different background and be a good team member;

- ii. Strong interpersonal and communication skills, commitment to team work and to working across disciplines;
- iii. Consistently approaches work with energy and a positive, constructive attitude;
- iv. Demonstrates good oral and written communication skills in substantive and technical areas;
- v. Demonstrates openness to change and ability to manage complexities;
- vi. Excellent writing, editing and analytical skills and capability of working independently; and
- vii. An ability to work effectively, take initiative and deliver results, even under pressure, and willing to visit sites in remote areas.

6. Required Qualification and Experience:

- a. The consultant must have a minimum of Post-Graduate or Masters Degree in environmental sciences, environmental engineering, environmental studies, social science or equivalent;
- b. At least eight years of relevant experience;
- c. Proficiency in the usage of computers and office software packages (word processing, spreadsheet etc) and experience in handling of web-based data and information management systems;
- d. Work experience with climate related projects will be preferable.
- e. Work experience in GON, NGO's, INGO'S, donor funded projects and other relevant institutions will be an added advantage; work experience as environmental specialist in/ with World Bank or Asian Development Bank funded activities will be an asset, and
- f. Fluency in both oral and written Nepalese and English language.

7. Duration of Service:

The consultant will be assigned for 100 days intermittent input with 10 (Ten) months and possibilities of further extension in case of satisfactory performance, if required by the project. The consultant is expected to work full time office hours within Kathmandu valley with frequent travels outside Kathmandu valley within Nepal on project related matters.

8. Duty Station: Kathmandu, Nepal with field visit as per requirement.

9. Reporting Requirements:

The consultant will report time to time to the National Project Director (NPD)/Assistant Project Director(APD)/Project Technical Coordinator/ and other concerned regarding the accomplishment of his/her assignment.

10. Selection Criteria:

The consultant shall be selected based on the individual consultant selection method of the World Bank's consultant selection guidelines-2011 (revised 2014). Main criteria for the selection will be relevant work experience and qualifications.

11. Payments:

- a. The consultant shall be paid a lump sum amount of remuneration per month, which should include all his overheads, social charges and other associated costs including local

transportation within Kathmandu valley and insurance premium costs.

- b. The consultant shall be responsible for all taxes and duties including income tax and VAT applicable as per Government of Nepal rules and regulations.
- c. In case of travel requirement outside Kathmandu valley and within Nepal for project related assignments, consultant shall be paid travel expenses on actual basis and suitably determined subsistence allowance including hotel accommodation to cover all other costs.

12. Facilities to be Provided by DHM:

DHM shall provide following facilities to consultant during his tenure of service:

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

Places of Assignment: Kathmandu	Days Estimated Dates:	Contract period: 10 (Ten) months and possibilities of further extension in case of satisfactory performance.
TOTAL DAYS (state if Intermittent) 100 days intermittent input in 10(Ten) months		