

Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
Bridge Branch
Second Bridges Improvement and Maintenance Program (BIMP II)
Updating of Environmental and Social Management Framework (ESMF)
Contract Identification Number: NP-DOR-163013-CS-QCBS-ESMF-01
Notice No. BBPCU/02/020-21
REQUEST FOR EXPRESSION OF INTEREST (REOI)

Date of first publication: **Oct 13, 2020**

Name of project: **Second Bridges Improvement and Maintenance Program (BIMP II)**

IDA Credit No.: 6317-NP

The Government of Nepal has received financing from the World Bank toward the cost of the **Second Bridges Improvement and Maintenance Program (BIMP II)** and intends to apply part of the proceeds for consulting services. The main objective of the consulting services is to update Environmental and Social Management Framework (ESMF) prepared in 2007 and updated in 2013 by Geo-Environment and Social Unit (GESU). The major objective of the this consulting services is to updated in 2013 by GESU-DoR. The specific objectives of updating ESMF are as follows.

- To update the procedural set up of environmental assessment of roads and bridge projects as per prevailing national and international legislations related to managing environment and social issues in project settings,
- To update the institutional arrangement and information flow mechanism of DoR with the federal structure,
- To update ESMF in line with the requirements and procedures spelt in the national legislation and institutional settings new policy requirements by international donor's instruments,
- To define environmental and social management arrangements for road and bridge projects,
- To integrate the occupational health and safety (OHS) guidelines, FPIC procedures, stakeholder engagement guidelines, labor management procedures, manuals and guidelines of national and international practices for road and bridge projects,
- To integrate project specific updated environmental and social management guidelines practiced by DoR

Terms of Reference (ToR) is available in the website of the Department of Roads: www.dor.gov.np/notice.

Anticipated date for commencement of the services is December 2020 and the tentative duration of the assignment is about **9 months**.

Second Bridges Improvement and Maintenance Program (BIMP II), Bridge Branch, Department of Roads under the Ministry of Physical Infrastructure and Transport now invites eligible Consulting firms ("Consultants") to indicate their interest in providing the services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the services. The short listing criteria are:

- Business objective and years in business (minimum 5 years).

Organizational capability of the firm for the assignment

- General Experience of the Firm.

The attention of interested Consultants is drawn to paragraphs 3.14, 3.16- 3.171.9 of the World Bank's Procurement Regulations for IPF Borrowers, dated July 2016, revised August 2018 ("Procurement Regulations") setting forth the World Bank's policy on conflict of interest.

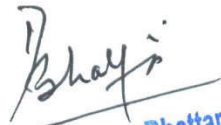
A consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Procurement Regulations. It is intended that short listed consultants will be invited to submit their technical and financial proposal as per the Request for Proposal document to be issued to them.

Consultant may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualification. Consultant shall clearly state their association if any whether in the form of joint venture or sub consultancy in the Expression.

Interested Consultant may obtain further information about the service from the address given below during office hour.

Expression of interest must be delivered in written form to the address below (in person, or by mail, or by e-mail) by **Nov 3, 2020** within office working hour.

Second Bridges Improvement and Maintenance Program (BIMP II),
Bridge Branch, Department of Roads,
Chakupat, Lalitpur, Nepal
Tel: +977-1-5528771
Email: infobbpcu@gmail.com


Deepak Kumar Bhattarai
Deputy Director General

Terms of Reference
For
Updating Environmental and Social Management
Framework (ESMF)

Department of Roads
Geo- Environment and Social Unit (GESU)
Chakupat, Lalitpur, Nepal

September, 2020

1. Introduction

Geo-Environment and Social Unit (GESU), under the Planning and Monitoring Branch, Department of Roads, has played advisory role in most of the government projects for strengthening the environmental and social safeguards through Geotechnical studies and studies on various aspects of bioengineering, impact assessment of roads and bridge projects, visioning for sustainable approaches on wildlife friendly roads to achieve the sustainable development goals.

In 2007, GESU-DoR prepared an Environmental and Social Management Framework (ESMF) which has since become crucial guiding framework for managing the environmental and social safeguards in roads and bridge projects of the DoR. The document provides guidance for mainstreaming environmental and social issues in project plans and programs. In the context of the 'new' Federalism system of Nepal with new policy instruments and practices, there is the need to review and update the existing ESMF in line with such political changes and harmonize the various social and environmental safeguard requirements of various donor agencies active in Nepal so that updated ESMF could address safeguard requirements of donor agencies too. This ToR will inform the recruitment of a consultant to undertake the review and update of the ESMF so as to make it consistent with the new federalism policy and regulatory environment.

2. Objectives

The major objective of this consulting service is to update ESMF prepared in 2007 and updated in 2013 by GESU-DoR. The specific objectives of updating ESMF are as follows:

- To update the procedural set up of environmental assessment of roads and bridge projects as per prevailing national and international legislations related to managing environment and social issues in project settings,
- To update the institutional arrangement and information flow mechanism of DoR with the federal structure,
- To update ESMF in line with the requirements and procedures spelt in the national legislation and institutional settings new policy requirements by international donor's instruments,
- To define environmental and social management arrangements for road and bridge projects,
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- To integrate project specific updated environmental and social management guidelines practiced by DoR

3. Consultant's Scope of Works

The consultant will work closely with the GESU for updating ESMF. In specific terms, it will include:

- Update the ESMF published by GESU in 2007 and updated in 2013.
- Review and incorporate the existing national plan and policies, Acts & Rules, Guidelines, manual and directives, environmental standards, and international policies and conventions and instruments,
- Carry out consultation with Ministry of Physical Infrastructure and Transport (MoPIT), DoR- Bridge Branch(BB), Development Cooperation Implementation Division (DCID), Quality Research and Development Center (QRDC), Asian Development Bank (ADB)-Directorate, GESU, World Bank (WB), ADB, JICA etc,
- Review and incorporate 'Gate Review' mechanism for environmental and social issues in line with stages of project cycle and public procurement process.

- Identify and Integrate the environmental and social issues and safeguard mechanism including procedures of obtaining of Free Prior Informed Consent (FPIC) of affected Indigenous Peoples communities when needed in the project cycle for road and bridge projects
- Review, adapt and include the 10 Environmental and Social Standards (ESS) identified in the Environmental and Social Framework (ESF) published by the World Bank Group (effective from 1 October 2018), as well as the World Bank Group's Environmental Health and Safety (EHS) Guidelines, and E & S policies used by other intentional partners, applicable to road and bridge sector. In doing so, the consultant shall ensure that the revised ESMF includes key procedures that are consistent with the objectives of the ESSs.
- Review and consolidate field E&S management practices/experiences in different terrains,
- Incorporate relevant suggestions and comments received from DoR and other stakeholders,
- Organize a workshop to present the draft ESMF to the GESU, WB, MoPIT and relevant international partners as required and suggested by GESU,
- Develop a Capacity Building Plan and training materials for implementation of updated ESMF in all Road Divisions, and Projects under DoR.
- Piloting four training deliveries in each Federal Road Supervision and Monitoring Office of DoR

4.0 Reports

4.1 Inception Report

Inception Report shall be submitted within 1 (one) month time from the date of agreement. Overall understanding of the ToR, and the content shall be discussed with DOR **before proceeding to detailed works**. The report shall contain information on the general approach (particularly details of Methodology which is proposed for carrying out the consultancy for services) including such detailed information as the Consultant deems relevant (various formats to be used during the study period), together with a bar chart that would indicate the Consultant's estimate of the duration (separately in the office and in the field), and the probable timing of the assignment of each professional staff member to be used, and the consultant's estimate of the total man-months required to complete the work and services. **The Consultant is required to present the Inception Report to the DOR/GESU/BB and representatives from the World Bank for review and comments.** The cost of such presentation shall be borne by the Consultants.

4.2 Monthly Progress Report

Monthly Progress Report shall be submitted every month interval of time. The report shall be in the format that is approved by DOR/GESU/BB. The Monthly reports shall contain the progress of work accompanied by a briefing session to GESU.

4.3 Draft Report

Draft report shall be submitted not later than Five (5) months from the date of contract agreement. This report shall in all respect be complete. This shall have a report on works accomplishment and a draft version of "Updated ESMF" both in English and Nepali Version.

4.4 Presentation of the Draft Report

The Consultants shall present the draft report to the DOR audience and representatives from the World Bank prior to the submission of the final report. They shall review the issues / comments raised during the presentation while finalizing the report and make necessary amendments/corrections if needed. The date and venue of the presentation shall be determined by mutual agreement between DOR/GESU and the consultant. The cost of such presentation shall be borne by the consultant.

4.5 Final Report

Apart from the presentation, the DOR/GESU/BB and the World Bank will verify the contents against the Terms of Reference. The DOR may also discuss upon the technical content of the report and may suggest some changes if thought necessary. Final report shall be submitted within one (1) month after receiving compiled from all stakeholders comments and suggestions from DOR/GESU. While preparing the Final Report the consultants shall consider the comments/suggestions and make corrections or amendments if required. It does not, however, relieve the consultants from their responsibility over the technical content of the study report and the Updated ESMF.

4.6 Capacity Building Plan and Pilot Trainings

4.6.1 Capacity Building Plan and Training Materials:

Within Two months after Government approval of the report, the consultant shall prepare a detailed capacity development plan and the relevant training materials including power point presentation of all training sessions both in hard and soft copies.

4.6.2 Training Deliveries

Within one month after the approval of training plans and materials, the consultant shall conduct Four (4) training deliveries that is one each training delivery to Federal Road Supervision and Monitoring Offices of DoR. Date and venues will be finalized in consent with BB and GESU/DOR.

5.0 Deliverables

Reports

- **Inception Report in five (5) copies;**
- **Monthly Progress Report in five (2) copies;**
- **Draft Report in five (5) copies;**
- **Draft “Updated ESMF” both in Nepali and English languages – five (5) copies each**
- **Final Report in Five (5) numbers of hard copies of each report, updated ESMF in Nepali and English versions;**
- Softcopies of Final Reports including updated ESMF documents in PDF and Word format in Pen Drive and Portable Hard Disk.

Training Material and Delivery

- Training Plan and Training Materials shall be submitted in Five (5) numbers of Hard Copies and a soft copy.

- One each dissemination training in each Federal Road Supervision and Monitoring Office of DoR

6.0 Key Experts

The consulting firm should propose following manpower and their role is given as follows.

Team leader/Environmental Expert (International)

The Team Leader should have Master's degree in Environmental Science/Environmental Engineering/Environmental Management or other subjects related to Environmental Study. The Team Leader should have minimum 8 years of international experience (i.e. experience outside the expert's home country) in the field of Environmental assessment, preparation of environmental mitigation plans, execution of environment mitigation plans, supervision, monitoring etc. of roads, bridges and other relevant fields.

Deputy Team Leader / Sociologist/Social Development Expert (National)

The Sociologist/ Social Development Expert should have minimum of Master's degree in Sociology/Anthropology and other social science disciplines. He/she should have minimum 8 years of specific experience in road /bridge works projects or other relevant works.

Environmental Expert (National)

The Environmental expert should have Master's degree in Environmental Science/Environmental Engineering/Environmental Management or other subjects related to Environmental study. The Environmental Expert should have minimum 8 years of experience in the field of Environmental assessment, preparation of environmental mitigation plans, execution of environment mitigation plans, supervision, monitoring etc. of roads, bridges and other relevant fields.

Highway Engineer

The Highway Engineer should have a Master degree in Highway Engineering with strong experience on road and bridge engineering. He/she should have minimum 8 years of specific experience in the field of detailed survey and design, implementation and construction supervision of road and bridge works.

Geotechnical Expert

The Expert will have the overall responsibility for geotechnical assessment of the alignment and the slope stability analysis to be incorporated in ESMF document. He/she shall identify and recommend sector specific mitigation techniques for the projects and to be incorporated in the report. He/she will be responsible for providing the geotechnical data of the alignment as required by other key staffs. The Geotechnical Expert should have minimum a Master degree in Geo-Technical Engineering/Engineering Geology. He/she should have minimum 8 years of specific experience in road and bridge works.

Hydrologist

The Hydrologist should have minimum Master's degree in Hydrology/Water Resource Engineering. He/she should have minimum 8 years of specific experience in roads/ bridge works and other relevant works.

Labor Management Expert

The Expert should have a Master degree in Occupational Health and Safety/Civil Engineering / Sociology / Anthropology / Environmental Science / Environmental Engineering and other relevant disciplines and possesses a very good knowledge of the labor laws in Nepal and international labor laws and standards such as ILO's. He/she should have minimum 8 years of experience on labor management.

Health & Safety Specialist

The Expert should have a Master's degree Occupational Health and Safety/Civil Engineering/Sociology/Anthropology/Environmental Science/Environmental Engineering and other relevant disciplines and possesses a very good knowledge and experiences of the health and safety issues of road, bridge and other relevant construction projects in Nepal. Exposure to international good practices is preferable.. He/she should have minimum 8 years of national and/or international experience on occupational health and safety issues.

Forestry, Wildlife and Biodiversity Expert

The Expert should have a Master's degree in Environmental Science/Natural Resource Management/Forestry/Zoology/Botany and other relevant disciplines and be familiar with the GoN's and donor's provisions and practices of respective fields. He/she should have minimum 5 years of experience in preparation and implementation of mitigation measures with respect to forest, wildlife and biodiversity in infrastructure development projects.

Curriculum Development and Communication Expert

The Expert should have Master's degree or equivalent in engineering, management, technical education or other related field. He/she should have minimum 5 years of experience in the capacity building / training field especially in the field of curriculum development and shall have good communication / facilitation skill.

Gender Expert

The Expert should have Master's degree Sociology/Anthropology and other relevant disciplines and be familiar with the GoN legislative requirements and international good practices including donor's provisions and practices. He/she should have minimum 5 years of experience on respective field and /or even as gender activist.

Climate Expert

The Expert should have a Master's degree in Climate Science/Hydrology/Meteorology/Environmental Science/Environmental Engineering and other relevant disciplines and be familiar with the Government policies and guidelines related climate change and donor's provisions and practices of respective field. He/she should have minimum 5 years of general experience on respective field.

7. Estimated Team Composition

The estimated consulting staff team composition requirements for performance of the services specified in the scope of work for the report are indicated below:

Staffs	Number of Staff	Estimated person input (person-months)			Remarks
		phase 1	Phase 2	Total	
Update of existing ESMF					
A. International					
Team Leader / Environmental Expert	1	1.5	0.5	2	Key personnel
B. National					
Deputy Team Leader / Sociologist / Social Development Expert	1	6	3	9	Key personnel
Environmental Engineer / Environmental Expert	1	6	3	9	Key personnel
Highway Engineer	1	1	0	1	Key personnel
Geotechnical Expert	1	1	0	1	Key personnel
Hydrologist	1	1	0	1	Key personnel
Labor Management Expert	1	2	2	4	Key personnel
Health & Safety Specialist	1	2	2	4	Key personnel
Forestry/Wild Life and Biodiversity Expert	1	2	1	3	Key personnel
Curriculum Development and Communication Expert	1	2	3	5	Key personnel
Gender Expert	1	2	1	3	Key personnel
Climate Expert	1	2	0	2	Key personnel
Total	12	28.5	15.5	44	
Assistants					
Technical (draft person)	1	6	3	9	
Account/Admin cum communication Staff	1	6	3	9	
Admin/Telephone operator etc.	1	6	3	9	
Total	3	18	9	27	

Important Notes:

All key Experts and Specialist must be fully proficient in English language, written and spoken.

Adequate number of non-key staff and support staffs must be included if/as necessary (non-key staff proficient in Nepali language will be preferably considered), such as for example:

- Technical Assistances
- Account/Admin Staff
- Computer Operator
- Others (as required)

The consultants are advised to propose their own staff composition and staff input requirements for efficient performance of their job as per the Terms of Reference. However, minimum key professional staff to be provided by the consultant should not be less than the numbers mentioned above.

A Technical Proposal shall be considered unsuitable and shall be rejected for further evaluation if it does not respond to important aspect of TOR.

Data and Assistance to be provided by the client

The following shall be provided to the consultant by DoR-GESU:

- Related or previous safeguards reports available in DoR
- Access to all other necessary documents and data available in DoR required for the performance of the consultant's services.
- Consultations, training and dissemination events will be organized with support from DoR-GESU.

8. Consultant's Obligation

The consultant is required to manage all the logistic and support that is necessary to complete the scope of works as defined above.

Any relevant DOR documentation for the project shall be obtained from DOR offices and reproduced with the permission of DOR at the expense of the consultant itself. The consultant shall obtain relevant information from the concerned DoR head office, Regional offices, Roads Division Offices, Road Projects or any other agencies such as World Bank, Asian Development Bank and other development partners of Nepal.

9. DoR to Have Complete Access to all Information

DOR shall have complete access to all information including any software used by the Consultant and DOR shall have the rights to distribute this within the Department or modify it accordingly. DoR will have the copy right of all the materials produced under this contract agreement.