

Terms of Reference

Consultancy Services for Monitoring of Environmental and Social Impact (MESI) of LDDP Field Activities (Package No. LDDP/S-5)

1.0 Project Background

Agriculture including livestock is the backbone of Bangladesh economy and still a lion share of GDP is coming from agricultural sector. Despite a relatively lower contribution to the national GDP, importance of livestock sub-sector is still very critical from the point of its role to ensure food security, balanced nutrition, cognitive capacity development, employment generation, poverty reduction, improvement of soil fertility, gender development and supplementation of fuel/energy by biogas prepared from cow dung. Besides, this sub-sector could be one of the major suppliers of raw materials for agro-based industries and could contribute significantly to export earnings of the country, about 80% workers are engaged in livestock activities particularly in the rural areas of the country for their livelihood and 70% of them are unpaid family members. The country is having experience of highest cattle density in the world (145 large ruminants/sq.km 2010) with the possibility of yield improvement which is an opportunity to further increase in terms of production through improving livestock productivity. Other opportunities are the country is blessed with rising demand for milk and milk products and meat; low input cost, competitive value chain, etc.

The Livestock and Dairy Development Project (LDDP) will take up certain infrastructure works as well as certain beneficiaries support interventions in the target communities, which possess the possibility of inducing adverse and unintended environmental and social impacts, though the activities included in the project through a comprehensive feasibility study recommendation. The number, type and locations of sub-component interventions will be decided over the project implementation stage. Beneficiary groups and sites for any small infrastructures will be known in the implementation level and therefore, social-ecological issues and impacts could not be identified and specified for mitigation at the preparation stage. Besides, DLS is screening sites for project interventions and identifying the target group beneficiaries at the implementation level for preparation and implementation of any social action plans. Hence, there is a need for procedural guidance for social preparation and management. DLS has therefore prepared Environmental and Social Management Framework (ESMF) including Small Ethnic Community Development Framework (SECDF) and Resettlement Policy Framework (RPF), a standalone Pest Management Plan (PMP) as constituent parts for guidance in the implementation stage to ensure environmental and social compliance following WB's guidelines and safeguards policy and ECR'97, which are public in both World Bank and DLS websites.

2. Policy Framework and Guiding Principle

All of the regulations are aimed at the conservation and protection of the environment and human health. The major GoB and WB environmental policies, rules, regulations and standards are as follows: National Environment Policy-2013 (Amended 2018), National Livestock Development Policy (2007), Sustainable Environmental Management Plan, 1998, National Environmental Management Action Plan, 1995-2005, National Poultry Development Policy, 2008, Animal Breeding Policy (in the NLDP 2007), Animal and Animal Products Quarantine Acts-2005, Labour Laws, 2006 (Amended in 2013), Environmental Court Act, 2000 (Amended in 2010), National Livestock Extension Policy 2013 (Final Draft), Diseases of Animal Act- 2005, Fish Feed and Animal Feed Act-2010, National Land Use Policy-2001, National Water Policy-1999, National Water Management Plan-2001, National Food Policy, 2006, Industrial Policy 2005 of Bangladesh, Environment Policy 1992 (Amended 2018) and Implementation Programme, National Rural Development Policy, 2001, World Bank Safeguard Policy, Applicable National/International Standards: There are environmental standards in operation in Bangladesh also promulgated under ECR of 1997 and these are for: water; ambient air; noise; odour; industrial effluent and emission discharges; and vehicular emissions, etc. The standards, commonly known as Environmental Quality Standards (EQS), are legally binding. As per ECR'97, most the



components/sub-components and associated activities of LDDP are likely to fall under Green Category as has no significant impact on the environment.

3. Environmental and Social Impact Assessments.

Overall, the proposed project is targeting to intervene a wide range of environmental elements covering almost the country except hill tracts, with construction of large quantity of small to medium scale infrastructures, which include construction of slaughterhouses (3 large ones in Chattogram, Khulna and Rajshahi City Corporations, 20 smaller ones in district headquarters) of 'Orange-A or B Category'. Therefore, LDDP falls under the '**Orange B**' Category. Moreover, the World Bank's environmental safeguards policies by the project includes Environmental Assessment (OP/BP 4.01), Natural Habitats (OP/BP 4.04) and Pest Management (OP/BP 4.09) thus classified as **Category B**, full environmental and Social Impact Assessments (ESIA) will be carried out in accordance with the OP/BP 4.01. The PMU/DLS secured the Environmental Clearance Certificate (ECC) of the DoE for implementing LDDP development activities in the field with appropriate IEE and EIA/SIA (if applicable). Moreover, the LDDP will be establishing Village Milk Collection Centre (VMCC), Dairy Hubs, climate smart small and medium animal sheds, small to medium feed processing units too.

To this end, the 'Livestock and Dairy Development Project (LDDP)' DLS is soliciting the services for a competent Consulting Firm/Institution for conducting Compliance Monitoring of Environmental and Social Safeguards considering Environmental and Social Management Plan (ESMP) and other applicable action plans under a framework agreement over the project period following the ESIA activity guideline included in the ESMF.

4.0 Objective of the assignment

The objective of the assignment is to carry out periodic monitoring of environmental and social impacts of project interventions are being implemented or to be implemented under different components/sub-components of LDDP and to prepare periodic monitoring report on environmental and social compliance as per the conditions of the Environmental Clearance Certificate from DoE (Department of Environment), and Environmental and Social Management Framework (ESMF) including Small Ethnic Community Development Framework (SECDF), Resettlement Policy Framework (RPF), and Pest Management Plan (PMP) as prepared during the preparation stage following WB's policies and ECR'97. The consultant (firm) has to consider relevant IEE reports, if applicable, Environmental and Social Impact Assessment (ESIA) Reports and Environmental and Social Management Plans (ESMP).

5.0 Scope of services

LDDP has already carried out Initial Environmental Examination (IEE), Environmental and Social Impact Assessments (ESIAs) and prepared Environmental and Social Management Plans (ESMPs) for the project interventions.

The consultant has to carry out

- Review project environmental and social management framework (ESMF), small ethnic community development framework (SECDF), resettlement policy framework (RPF), and pest management plan (PMP) to assess the requirement of environmental and social compliance.
- Review the project design documents for site-specific infrastructure activities and assess the relevant environmental and social impact and prepare environmental and social management plans to identify actions for addressing environmental and social risks and impacts in infrastructure construction management including citizen participation and grievance response.
- Design and conduct environmental and social monitoring surveys including consultation to engage with communities and stakeholders.
- Design and conduct bio-physical and social surveys at field or site level for the specified activities/sites at the projected activities/sites.
- Carry out monitoring of E&S activities to prepare case by case report as per environmental and social management plan or any other compliances LDDP commit for.



- Sit with the PMU members and consultants to determine best way of conducting environmental and social impacts assessment and reporting activities.
- Consult the PMU members and DLS core staff assigned for data security, information sharing and grievance management to understand the efficacy of the Central GRS hosted by the Cabinet Division mandatory for DLS like any other government agencies.
- Identify additional actions required to mainstream project GRM with the Central GRS.
- To prepare a guideline for assessment and monitoring of environmental and social impact for future use of DLS.

6.0 Methodologies and Approaches

The PMU/LDDP-DLS has already completed IEEs and ESIAAs (if applicable) of the project activities and received Environmental Clearance Certificate from DoE. The MESI Consultant will follow the guidelines of IEEs and ESIAAs (if applicable) reports, ESMF-LDDP, during each and every step of developing the approach and methodologies for surveys and analytical framework. The Department of Environment (DoE), the technical arm of the Ministry of Environment, Forest and Climate Change is the regulatory body and the enforcement agency of all environmental related activities. Like all other projects, this project also needs to meet the requirement of the DoE.

Guideline for conducting Compliance Monitoring of Environmental and Social Safeguards in three Category-I Metro-level slaughterhouse sites submitted Category-II slaughterhouse sites and Category-III slaughter slabs/wet market renovation sites. These will require prior consultation with the PMU/LDDP. The consultant will follow the methods and approaches as per cleared documents by the DoE and as per the standard documents of World Bank.

7.0 Project Area

All Unions under 466 Upazila and included metro areas under 61 districts (other than Rangamati, Khagrachori and Banderban) out of total 64 districts of Bangladesh.

8.0 Duration of Assignment

The total duration of the consultancy service will be 12 months from the date of commencement of the assignment.

6.0 Study team composition and qualifications

In order to complete the assignment, the Consultant will assemble a multi-disciplinary team of technical experts with substantial experience and adequate educational backgrounds to ensure the services are carried out in a professional and timely manner.

The team will include, but may not be limited to:

Position	Educational Qualifications and Experiences	Description of Input (list only core responsibilities)	Input (man-month)
Key Positions			
Environment Expert (also act as Team Leader)-01 Nos	PhD in Animal Science/Environmental Science/Development Studies/Environmental Engineering/ Ecology/ Zoology or	The team comprise one Team Leader (TL) to Lead and coordinate/ manage inputs of consultant team; responsible for overall product delivery and for timely and quality execution of services; Technical	12

Position	Educational Qualifications and Experiences	Description of Input (list only core responsibilities)	Input (man-month)
	<p>other relevant subject having 12 years of relevant experience.</p> <p>or</p> <p>MSc in Animal Science/Environmental Science/Development Studies/ Environmental Engineering/ Ecology/ Zoology or other relevant subject having 15 years of relevant experience.</p> <p>Experience of conducting environmental and social impact assessment, compliance monitoring of relevant GoB and World Bank environmental and social safeguard issues is essential. Previous experience of following ECC procedure from DoE is preferable.</p>	<p>capacity of environmental and social impact assessment, and project management cycle to setting up, baseline survey, impact assessment, ESMP, RAP and SECDP. S/He will lead the stakeholder's engagement process and getting ECC from DoE. S/He should have knowledge of marine and coastal wildlife, ecology and ecosystem. S/He will be the primary contact point for contract execution.</p>	
Livestock Specialist-01 Nos	<p>MSc in any subjects of Animal Husbandry/Veterinary Science having 10 years of experience in working in livestock sector. Experience of ESIA study of WB funded project is essential.</p>	<p>Responsible for carried out IEE, ESIA and ESMP as a part of the multi-disciplinary team and provide technical inputs in EA of the project interventions.</p>	12
Social Development Specialist-01 Nos	<p>M.Sc in Social Science/Sociology/ Anthropology/other relevant subjects having 10 years working experience with the community, social assessment, livelihood management and alternate income generating activities requirements for compliance to relevant GoB and World Bank social safeguard issues. Previous experience of preparing SIAs, RPF/RAP and SECDP is essential.</p>	<p>Responsible for design and carrying out ESIA and preparation of social management plans for ESMPs, GAPs, SIMPs, RAPs and SECDPs as a part of the multi-disciplinary team and provide technical inputs in SIA of the project interventions that would impact on social and economic components of the project influence area.</p>	12
Non-key Positions			
Research Assistant-06 Nos.	<p>B.Sc. (Hons) having 2 years' experience on collecting field data/conducting survey in remote coastal area of Bangladesh following structured questionnaire/checklist. Experience of data collection using PRA tools (FGD, KII) will be given preference.</p>	<p>Research Assistant will be deployed in the project field command Districts/Upazilas to collect data/information related to the IEE/ESIA baseline, scoping, and impact assessment related data/information.</p>	72

Position	Educational Qualifications and Experiences	Description of Input (list only core responsibilities)	Input (man-month)
Office/Accounts Manager-02	Bachelor degree from any discipline and having at least 2 years of experience on office management and computer using.	Will be deployed in the project office.	24

7.0 Deliverables and Schedule of Deliverables

The consultant will deliver as per following schedule:

Sl. no.	Deliverables description	Time line	Payment Schedule (All payments are subjected to the approval of deliverables by the PMU)
1	• Inception Report containing Approach, Methods and Work Plan--submitted	• Within 1 st month of signing the contract	20%
2	• <u>Monitoring progress report-01</u> will have to be submitted.	• end of 4 th month of signing the contract	15%
5	• <u>Monitoring progress report-02</u> will have to be submitted.	• end of 8 th month of signing the contract	15%
6	• <u>Monitoring progress report-03</u> will have to be submitted.	• end of 12 th month of signing the contract	15%
7	• <u>Monitoring progress report-04</u> as draft final report will have to be submitted.	• end of 16 th month of signing the contract	15%
8	• <u>Monitoring progress report-05</u> as Final Report will have to be submitted.	• Within end of 18 th month of signing the contract	20%

All files with data, maps, analytical reports, and toolkits used in this assignment will be submitted to PMU of the project along with submission of the reports. After commencement of the study the submission of the reports shall be both in hard (3 copies) and soft copy.

8.0 Institutional Arrangements

The Consulting Firm will work under the direct supervision of PMU, LDDP, DLS, Dhaka. Environmental and Social Safeguards Specialist of PMU/LDDP/DLS will assist the study team as and when required, particularly with regard to compliance of the Environmental and Social Safeguards compliance of the World Bank and ESMF guideline. The PMU, LDDP, DLS, Dhaka through Environmental and Social Safeguards will support to the Consultant firm that the objective of the study, as detailed in the ToR, would be achieved within the agreed time schedule, and the contents of the report are acceptable to the GoB and the World Bank.



9.0 Responsibilities of the Consulting Firm/Institution

Data, personnel, facilities and services will be provided by the the MESI Consulting Firm as detailed in this ToR. The consulting firm will mobilize the necessary expertise for the effective and timely delivery of the services as stipulated in the scope of works and ToR. The firm will carry out the services in the best interest of the Client, the GoB represented by PMU/LDDP/DLS, with reasonable care, skills and diligence in line with sound professional, administrative and financial practices. Field surveys and field data collection will be carried out in coordination with PMU at HQ and Regional officials and field officials of DLS (Regional Office-PMU and Divisional/District/UZ Livestock Officers). The firm will be responsible to the client for the execution of the contract according to the terms and conditions spelled out therein. The consulting firm will organize presentations and dissemination events to enable the monitoring of progress and findings to the PMU/LDDP.

10.0 Key Qualifications of the Organization

i.Overall Experience:

The firm shall have minimum 7 years of experience in carrying out the assignments related to collection of baseline social-ecological data, development and implementation of biodiversity, environmental management programs, and development and implementation of conservation programs in Bangladesh. The firm should have experience of carrying out baseline and impact survey in the livestock sector projects. Experience of carrying out compliance assessment and monitoring of environmental and social safeguards of donor funded large projects is essential. Experience of IEE/ESIA following the ECR'97 and World Bank Safeguards Policy will be preferable.

ii.Technical Capacity:

The firm should have in-house capacity of doing environmental and social safeguards baseline survey and IEE/ESIA. Preference will be given to the organization equipped with manpower and logistics to carry out the tasks in the livestock sector and have experience of carrying out environmental studies and project impact assessment and mitigation.

iii.Organizational and Legal:

The firm must have valid legal documents such as trade license, certificate of incorporation (where applicable), tax identification number, VAT registration certificate etc.

iv.Financial Capacity:

Audit reports done by the reputed audit firms for last 3 years have to be submitted along with the EOI showing the annual turnover.

11.0 Method of Selection

The consulting firm will be selected following quality and cost-based selection (QCBS) method as set forth in the World Bank Procurement Regulations for IPF Borrowers, July 2016 revised November 2017.

