

State of Assam, India

**Water Resources Department
Flood and River Erosion Management Agency of
Assam, and
Assam State Disaster Management Authority**

**Assam Integrated River Basin Management
Program – Phase 1 (P174593)**

**ENVIRONMENTAL AND SOCIAL
COMMITMENT PLAN (ESCP)**

February 9, 2023

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The State of Assam (the Project Implementing Entity or PIE) will implement Phase 1 of the Assam Integrated River Basin Management Program (the Project), with the involvement of the Water Resources Department (WRD), Flood and River Erosion Management Agency of Assam (FREMAA), and the Assam State Disaster Management Authority (ASDMA), as set out in the Loan Agreement between India (the Borrower) and the International Bank for Reconstruction and Development (the Bank) and the Project Agreement between the Bank and the State of Assam (collectively the Legal Agreements). The Bank has agreed to provide financing for the Project, as set out in the referred Legal Agreements.
2. The PIE shall ensure that the Project is carried out in accordance with the Environmental and Social Standards (ESSs) and this Environmental and Social Commitment Plan (ESCP), in a manner acceptable to the Bank. The ESCP is a part of the Legal Agreements. Unless otherwise defined in this ESCP, capitalized terms used in this ESCP have the meanings ascribed to them in the referred Legal Agreements.
3. Without limitation to the foregoing, this ESCP sets out material measures and actions that the PIE shall carry out or cause to be carried out, including, as applicable, the timeframes of the actions and measures, institutional, staffing, training, monitoring and reporting arrangements, and grievance management. The ESCP also sets out the environmental and social (E&S) instruments that shall be adopted and implemented under the Project, all of which shall be subject to prior consultation and disclosure, consistent with the ESS, and in form and substance, and in a manner acceptable to the Bank. Once adopted, said E&S instruments may be revised from time to time with prior written agreement by the Bank.
4. As agreed by the Bank and the PIE, this ESCP will be revised from time to time if necessary, during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to Project performance. In such circumstances, the PIE and the Bank agree to update the ESCP to reflect these changes through an exchange of letters signed between the Bank and the PIE. The PIE shall promptly disclose the updated ESCP.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
MONITORING AND REPORTING			
A	<p>REGULAR REPORTING</p> <p>Prepare and submit to the Bank regular monitoring reports on the environmental, social, health and safety (ESHS) performance of the Project, including but not limited to the implementation of the ESCP, status of preparation and implementation of E&S instruments required under the ESCP, stakeholder engagement activities, functioning of the grievance mechanisms and capacity building activities.</p>	Submit quarterly reports to the Bank throughout Project implementation, commencing three months after the signing of the Legal Agreements. Submit each report to the Bank no later than 30 days after the end of each reporting period.	FREMAA
B	<p>INCIDENTS AND ACCIDENTS</p> <p>Promptly notify the Bank of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers, including, inter alia, cases of sexual exploitation and abuse (SEA), sexual harassment (SH), and accidents that result in death, serious or multiple injury. Provide sufficient detail regarding the scope, severity, and possible causes of the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor and/or supervising firm, as appropriate. Subsequently, at the Bank’s request, prepare a report on the incident or accident and propose any measures to address it and prevent its recurrence.</p>	<p>Notify the Bank no later than 48 hours after learning of the incident or accident.</p> <p>Provide subsequent investigation report to the Bank within a timeframe acceptable to the Bank.</p>	FREMAA, WRD, ASDMA
C	<p>CONTRACTORS’ MONTHLY REPORTS</p> <p>Require contractors and supervising firms to provide monthly monitoring reports on ESHS performance in accordance with the metrics specified in the respective bidding documents and contracts, and submit such reports to the Bank.</p>	Submit Monthly Progress Reports (MPR) to FREMAA. FREMAA shall summarize the key progress and issues to Bank on an agreed Quarterly Progress Reports QPR	FREMAA, WRD, ASDMA
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS			
1.1	<p>ORGANIZATIONAL STRUCTURE</p> <p>Establish and maintain a Project Management Unit (PMU) in FREMAA and Project Implementing Units (PIUs) in WRD and ASDMA with qualified staff and resources to support management of ESHS risks and impacts of the Project including an environmental specialist, a social specialist, and a communication specialist.</p>	PMU (FREMAA), WRD and ASDMA already have E&S specialists and communication specialists and should maintain throughout Project Implementation.	FREMAA, WRD, ASDMA
1.2	<p>ENVIRONMENTAL AND SOCIAL INSTRUMENTS</p> <p>1. Adopt and implement an Environmental and Social Impact Assessment (ESIA), and corresponding Environmental and Social Management Plan (ESMP) for Beki and Buridehing River Works, consistent with the relevant ESSs.</p>	<p>1. Throughout Project Implementation</p> <p>2. Throughout Project Implementation</p>	1. FREMAA and WRD

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY
<p>2. Adopt and implement the Project Environmental and Social Management Framework (ESMF) for the Project, consistent with the relevant ESSs. This includes screening of proposed subprojects and preparation of subproject specific ESIA and ESMPs as required</p> <p>3. Conduct cumulative impact, and social and environmental, assessments for Buridehing, Beki and Jiadhah Subbasins under the Integrated Flood Risk Management Plans (IFRMP) of respective Subbasins.</p> <p>4. Adopt and implement subproject Environmental and Social Impact Assessments (ESIA) and/or Environmental and Social Management Plans (ESMP), as set out in the ESMF.</p> <p>5. Contract and maintain, an Independent Environmental and Social Evaluation consultant for external Monitoring and Evaluation (M&E) of the implementation of ESMF, SEP, ESMPs and RAPs.</p>	<p>3. During Preparation of IFRMPs</p> <p>4. Throughout Project Implementation</p> <p>5. Consultant contracted by FREMAA at mid-term and end-term..</p>	<p>2. FREMAA, WRD, and ASDMA</p> <p>3. FREMAA and WRD</p> <p>4. FREMAA, WRD, and ASDMA</p> <p>5. FREMAA</p>
<p>1.3 MANAGEMENT OF CONTRACTORS</p> <p>Incorporate the relevant aspects of the ESCP, including, inter alia, the relevant E&S instruments, the Labor Management Procedures, and code of conduct, into the ESHS specifications of the procurement documents and contracts with contractors and supervising firms. Thereafter ensure that the contractors and supervising firms comply and cause subcontractors to comply with the ESHS specifications of their respective contracts. Ensure that Contractors submit C-ESMPs prior to the start of the construction works for the approval of the respective PIUs/PMU, and thereafter implement the C-ESMPs.</p>	<p>Throughout Project Implementation</p>	<p>FREMAA, WRD and ASDMA</p>
<p>1.4 TECHNICAL ASSISTANCE</p> <p>Ensure that the consultancies, studies, activities, capacity building, training, and any other technical assistance activities under the Project, are carried out in accordance with terms of reference acceptable to the Bank and consistent with the ESSs. This includes investment preparation studies and IFRMPs under Component 2.</p>	<p>Throughout Project Implementation.</p>	<p>FREMAA, WRD, and ASDMA</p>
<p>1.5 CONTINGENT [EMERGENCY] [EARLY] RESPONSE FINANCING</p> <p>Ensure that the Contingent Emergency Response (CER) Implementation Plan includes a description of the ESHS assessment and management for the implementation of Component 4 Contingency Emergency Response, in accordance with the ESSs.</p> <p>Adopt any environmental and social (E&S) instruments which may be required for activities under Component 4 of the Project, in accordance with the Contingent Emergency Response (CER) Implementation Plan and CERC-ESMF and the ESSs, and</p>	<p>Throughout Project Implementation.</p>	<p>FREMAA, WRD and ASDMA</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	thereafter implement the measures and actions required under said E&S instruments, within the timeframes specified in said E&S instruments.		
1.6	Prepare adopt and implement a Corporate Framework for Management of Environment and Social Risks	At end of year 3 of project implementation.	FREMAA, WRD and ASDMA
ESS 2: LABOR AND WORKING CONDITIONS			
2.1	LABOR MANAGEMENT PROCEDURES Adopt and implement the Labor Management Procedures (LMP) for the Project, including, inter alia, provisions on working conditions, management of workers relationships, provisions and reporting on primary supply workers, occupational health and safety (including personal protective equipment, and emergency preparedness and response), code of conduct (including relating to SEA and SH), forced labor, child labor, grievance arrangements for Project workers, and applicable requirements for contractors, subcontractors, and supervising firms.	Throughout Project Implementation	FREMAA, WRD and ASDMA
2.2	For all relevant Project activities involving primary supply workers, include provisions with respect to safety, avoidance of forced and child labor, in in Bid and Contract documents and monitor their implementation as per LMP	During preparation of bidding documents and maintained throughout Project Implementation.	FREMAA, WRD, ASDMA
2.3	GRIEVANCE MECHANISM FOR PROJECT WORKERS Establish and operate a grievance mechanism for Project workers as described in the LMP and consistent with ESS2.	The GRM will be operationalized prior to engaging Project workers and thereafter maintained throughout Project implementation.	FREMAA, WRD and ASDMA
2.3	OHS MEASURES Prepare, adopt, and implement occupational, health and safety (OHS) measures specified in the LMP for all contracts and require contractors to include OHS measures in the C-ESMPs.	During preparation of C-ESMPs and maintained throughout Project Implementation	FREMAA, WRD and ASDMA
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT			
3.1	WASTE MANAGEMENT PLAN Prepare, adopt and implement a Waste Management Plan as part of B&B ESMP and subproject ESMPs, as set out in the ESMF, to manage hazardous and non-hazardous wastes, consistent with ESS3.	During preparation of C-ESMPs and maintained throughout Project Implementation	FREMAA, WRD and ASDMA
3.2	RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT Incorporate resource efficiency and pollution prevention and management measures as part of the B&B ESMP, and subproject ESMPs as set out in the ESMF, consistent with ESS3.	Throughout Project Implementation	FREMAA, WRD and ASDMA
ESS 4: COMMUNITY HEALTH AND SAFETY			

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4.1	<p>TRAFFIC AND ROAD SAFETY</p> <p>Prepare, adopt and implement a Traffic Management Plan as part of the B&B ESMP, and subproject ESMPs as set out in the ESMF, consistent with ESS4.</p>	During preparation of C-ESMPs and maintained throughout Project Implementation	FREMAA, WRD and ASDMA
4.2	<p>COMMUNITY HEALTH AND SAFETY</p> <p>Assess and manage specific risks and impacts to the community arising from Project activities including, inter alia, behavior of Project workers and risks of labor influx, and include mitigation measures in the B&B ESMP, and subproject ESMPs as set out in the ESMF, and consistent with ESS4.</p>	During preparation of C-ESMPs and maintained throughout Project Implementation	FREMAA, WRD and ASDMA
4.3	<p>SEA AND SH RISKS</p> <p>Adopt and implement a SEA/SH Framework, as part of the ESMF, to assess and manage the risks of SEA and SH.</p>	Throughout Project Implementation	FREMAA, WRD and ASDMA
ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT			
5.1	<p>RESETTLEMENT POLICY FRAMEWORK</p> <p>Adopt and implement a Resettlement Policy Framework (RPF) for the Project, consistent with ESS5.</p>	Throughout Project Implementation	FREMAA, WRD and ASDMA
5.2	<p>RESETTLEMENT PLANS</p> <p>Update RAP on a seasonal basis through an Addendum to RAP, for Buridiheng (AE and Embankment works) and Beki River (AE) Works by undertaking necessary surveys and holding consultations with those physically and economically displaced households and develop measures for their resettlement and rehabilitation. Submit RAP Addendum for World Bank review and approval and re-disclose.</p>	For stretches designated for 2023 works that involve physical or economic displacement, and thereafter for each post-monsoon construction season, before construction commences.	WRD, FREMAA
5.3	<p>Make all efforts to trace and inform absentee Titleholders in Buridiheng and Beki project areas of their entitlements under the B&B RAP. Submit revised RAP for World Bank review and approval and re-disclose.</p> <p>Establish an Escrow Account for compensation of unaccounted for absentee Title Holders before commencement of land compensation payments.</p>	Within 6 months of signing Legal Agreements	WRD, FREMAA
5.4	<p>Undertake Social Impact Assessment (as part of ESIA) and prepare and implement a Resettlement Action Plan (RAP) for Beki embankment works (L/B: Ch. 2780m to 6780m) consistent with RPF</p>	Before construction commences and throughout implementation.	1. FREMAA, WRD

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
5.5	For all River works identified during implementation, conduct ESIA, prepare and implement subprojects Resettlement Action Plans (RAP) as set out in the RPF, and consistent with ESS5.	Approve before invitation of bids and pay compensation and resettlement assistances before commencement of construction	FREMAA and WRD
6.1	<p>BIODIVERSITY RISKS AND IMPACTS</p> <p>1. Obtain No Objection Certificate (NOC) from the Wildlife Department for the Beki River Works to be carried out within the buffer areas the Manas National Park and Tiger Reserve.</p> <p>2. Adopt and implement measures to address biodiversity risks, as part of the B&B ESMP and subproject ESMPs, as set out in the ESMF, and consistent with ESS6.</p>	<p>1. Before construction commences close to the buffer area.</p> <p>2. Throughout Project Implementation</p>	<p>1. FREMAA and WRD</p> <p>2. FREMAA and WRD</p>
ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES			
7.1	<p>INDIGENOUS PEOPLES PLANNING FRAMEWORK</p> <p>Adopt and implement a Tribal Development Framework (TDF) for the Project, consistent with ESS7.</p>	Throughout Project Implementation	FREMAA, WRD and ASDMA
7.2	<p>INDIGENOUS PEOPLES PLAN</p> <p>Prepare and implement an Tribal Development Plan (TDP) for each activity under the Project for which the TDF requires such TDP, consistent with ESS7. If any tribals/Indigenous Peoples (IPs) are affected by the Project activities, the TDP will describe agreements reached between the PIE and affected Tribal groups and will include and actions necessary to accomplish agreements.</p>	Prior to commencement of works; and throughout Project implementation.	FREMAA, WRD and ASDMA
ESS 8: CULTURAL HERITAGE			
8.1	<p>CHANCE FINDS</p> <p>Describe and implement the chance finds procedures in the B&B ESMF and subproject ESMPs, as set out in the ESMF, consistent with ESS8.</p>	Throughout Project Implementation.	FREMAA, WRD and ASDMA
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE			
10.1.	<p>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</p> <p>Adopt and implement a Stakeholder Engagement Plan (SEP) for the Project, consistent with ESS10, which shall include measures to, inter alia, provide stakeholders with timely, relevant, understandable and accessible information, and consult with them in a culturally appropriate manner, which is free of manipulation, interference, coercion, discrimination and intimidation.</p>	Throughout Project Implementation	FREMAA, WRD and ASDMA
10.2	PROJECT GRIEVANCE MECHANISM	Throughout Project Implementation	FREMAA WRD and ASDMA

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	<p>Publicize, maintain, and operate an accessible multi-layered grievance mechanism as described in SEP and established at the FREMAA, WRD and ASDMA, to receive and facilitate resolution of concerns and grievances (including those relating to Resettlement) in relation to the Project, promptly and effectively, in a transparent manner that is culturally appropriate and readily accessible to all Project-affected parties, at no cost and without retribution, including concerns and grievances filed anonymously, in a manner consistent with ESS10.</p> <p>The grievance mechanism shall be equipped to receive, register, and facilitate the resolution of SEA/SH complaints, including through the referral of survivors to relevant gender-based violence service providers, all in a safe, confidential, and survivor-centered manner.</p>		
CAPACITY SUPPORT			
CS1	<p>Based on E&S Capacity Assessment, the following types of training will be provided to the relevant target groups, such as PMU and PIU staff, stakeholder community, Project workers, consultants, contractors, sub-contractors. The trainings will be delivered by qualified consultants/specialists/trainers to be hired by the Project:</p> <ul style="list-style-type: none"> • E & S Screening • Preparation and implementation of ESIA and ESMP • Stakeholder engagement • Environmental and social Management of construction impacts • Environmental and social Management of labour camps • Implementation of LMP • Assessment and management of GBV/SEA/SH • Code of Conduct, Occupational, Community Health and Safety • emergency preparedness and response 	Throughout Project implementation	FREMAA, WRD and ASDMA