

**Tajikistan  
OSHC Barqi Tojik  
Nurek Hydropower Rehabilitation Project  
Phase 2  
P173804**

**Final  
ENVIRONMENTAL and SOCIAL  
COMMITMENT PLAN (ESCP)**

**June 2, 2020**

## ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The Republic of Tajikistan (the Recipient) is planning to implement Phase 2 of the Nurek Hydropower Rehabilitation Project (the Project) through Open Joint Stock Holding Company Barqi Tojik (BT), with the involvement of the Ministry of Finance and the Ministry of Energy and Water Resources. The International Development Association (the Association) has agreed to provide financing for the Project.
2. The Recipient will implement material measures and actions so that the Project is implemented in accordance with the World Bank Environmental and Social Standards (**ESSs**). This Environmental and Social Commitment Plan (**ESCP**) sets out a summary of the material measures and actions, any specific documents or plans, as well as the timing for each of these.
3. The Recipient will also comply with the provisions of any other Environmental and Social documents required under the ESF and referred to in this ESCP, such as Environmental and Social Impact Assessment (ESIA), Environmental and Social Management Plans (ESMP), Labor Management Procedures (LMP), and Stakeholder Engagement Plans (SEP), and the timelines specified in those Environmental and Social documents.
4. The Recipient is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the Ministry, agency or unit referenced in paragraph 1, above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the Association by the Recipient as required by the ESCP and the conditions of the legal agreement, and the Association will monitor and assess progress and completion of the material measures and actions throughout implementation of the Project.
6. As agreed by the Association and the Recipient, this ESCP may be revised from time to time during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to assessment of Project performance conducted under the ESCP itself. In such circumstances, the Recipient will agree to the changes with the Association and will update the ESCP to reflect such changes. Agreement on changes to the ESCP will be documented through the exchange of letters signed between the Association and the Recipient. The Recipient will promptly disclose the updated ESCP.
7. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during Project implementation, the Recipient shall provide additional funds as needed to implement actions and measures to address such risks and impacts, which may include environmental and social risks and impacts.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<b>MONITORING AND REPORTING</b>			
A	<b>REGULAR REPORTING:</b> Prepare and submit regular status update reports on the environmental, social, health and safety performance of the Project, including implementation of the ESCP.	Quarterly throughout Project life	Barqi Tojik
B	<b>INCIDENTS AND ACCIDENTS NOTIFICATION:</b> Notify about occurrence of any incident or accident related to the Project or that has an impact on it, and that has or could have a significant adverse effect on the environment, the affected communities, the public, or the workers included, for example, occupational accidents that could result in serious injury, minors, injuries, falls, vehicle accidents, larger spills of chemicals, oils, fuels, major environmental contamination, loss of biodiversity or critical habitat etc.	Promptly after taking notice of the incident or accident, but no later than two calendar days from its occurrence	Barqi Tojik
	Investigate any incident or accident that has been reported to the Bank to identify root causes and submit a report that provides details of the circumstances and causes that led to the incident or accident and the actions taken to prevent any recurrence.	Within 10 calendar days after the initial report	Barqi Tojik
<b>ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS</b>			
1.1	<b>ORGANIZATIONAL STRUCTURE:</b> Maintain Environmental and Social (E&S) staff/consultants with clear accountabilities to implement all commitments stated in the project ESIA, ESMP, SEP, and LMP satisfactory to the Bank.	Maintenance of ESMS - throughout Project life.	Barqi Tojik
1.2	Ensure the Project Management Consultant (PMC) has at least one full-time specialist responsible for supervising contractor environmental, social, and health and safety performance. Specialist must have training and expertise in occupational health and safety. (Note: specialist may be employed by Barqi Tojik and seconded to PMC, or employed by PMC.)	Prior to Contractor mobilization	Barqi Tojik

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
1.3	<p><b>MANAGEMENT TOOLS AND INSTRUMENTS:</b>                      Include into bidding documents for civil works requirement for bidders to submit their Management Strategies and Implementation Plans (MSIP) as required by Nurek HPP ESIA and Nurek bridge ESMP. Include environmental, social, health and safety (ESHS) specialist on proposal evaluation team and include ESHS past performance and information in proposal as evaluation factors for award.</p>	Throughout contractor selection process	Barqi Tojik
1.4	<p><b>MANAGEMENT OF CONTRACTORS:</b>                      Ensure that the existing civil works contractor for rehabilitation of nine generating units updates its existing C-ESMP, including Materials and Waste Management Plan, Hazardous Waste Management Plan, Occupational and Safety Plan and the Labor Management Procedure (LMP). The works for rehabilitation of six units under the Project can commence only after the update was completed to the satisfaction of the Bank.</p> <p>Ensure that the civil works contractors for rehabilitation of Nurek bridge and buildings at Nurek HPP site develop C-ESMP, including a detailed Materials and Waste Management Plan, hazardous waste management plan, Occupational Health and Safety (OHS) Plan, Traffic Management Plan, and Contractor's Labor Management Procedure (C-LMP) to the satisfaction of the Bank.</p>	<p>Prior to commencement of civil works for rehabilitation of six units</p> <p>Prior to commencement of civil works</p>	Barqi Tojik
<b>ESS 2: LABOR AND WORKING CONDITIONS</b>			

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>2.1 <b>LABOR MANAGEMENT PROCEDURES:</b>                      Submit to the Bank’s approval the Labor Management Procedure (C-LMP) of the existing civil works contractor for rehabilitation of nine generating units, including six under the Project. The C-LMP shall cover all nine generating units, including the three units under Phase 1.</p> <p>No activities requiring LMP will be conducted in relation to rehabilitation of six units under the Project (Phase 2) until the updated LMP is approved. Until approval of updated LMP, the rehabilitation of three units under Phase 1 will be carried out under existing C-LMP of the civil works contractor.</p> <p>PMC to monitor and enforce Contractors’ and subcontractors’ adherence to the requirements of the C-LMP.</p>	<p>Prior to commencement of civil works for rehabilitation of six units</p> <p>Throughout the Project life</p>	<p>Barqi Tojik</p>
<p>2.2 <b>GRIEVANCE MECHANISM FOR PROJECT WORKERS:</b>                      Implement the workers’ grievance redress mechanism that is part of Barqi Tojik’s Labor Management Procedure.</p> <p>Ensure that the existing contractor for rehabilitation of nine units under the Project (Phase 2) updates the GRM for its employees as per updated C-LMP, or implements the Barqi Tojik GRM, and that it requires the same of its subcontractors. The existing GRM of Barqi Tojik will continue to be used by the contractor while rehabilitating the three units under Phase 1.</p> <p>Ensure that the contractors for rehabilitation of Nurek bridge and buildings at Nurek HPP site develop and implement their GRM for their employees as per C-LMP, or implement the Barqi Tojik GRM, and that contractors require the same of their subcontractors.</p> <p>Barqi Tojik to enforce with support from PMC.</p>	<p>Prior to Project Effectiveness</p> <p>Prior to commencement of civil works for rehabilitation of six units</p> <p>Prior to commencement of civil works</p> <p>Throughout Project life</p>	<p>Barqi Tojik</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
2.3	<p><b>OHS MEASURES:</b> Require the existing contractor for rehabilitation of nine units to update and submit for PMC review and approval OHS Plan that covers all nine units and meets applicable OHS requirements of the updated Nurek HPP ESIA. The existing OHS Plan of the contractor would continue to be used for rehabilitation of three units under Phase 1.</p> <p>Require contractors for rehabilitation of Nurek bridge and buildings at Nurek HPP site to develop and submit for Project Management Consultant’s review and approval OHS Plan that meets applicable occupational, health and safety (OHS) requirements of the Nurek bridge ESMP and relevant requirements of Barqi Tojik, ESS2, and World Bank Group’s Environmental Health and Safety Guidelines (EHSGs).</p>	<p>Prior to commencement of civil works for rehabilitation of six units</p> <p>Prior to commencement of civil works for rehabilitation</p>	Barqi Tojik
	<p>Require Nurek HPP to update OHS Plan to include provisions for working alongside civil works contractors during the construction period, and monitoring implementation of the Plan.</p> <p>Barqi Tojik to enforce with support from PMC.</p>	<p>Prior to signing of the amendment to include the rehabilitation of six units into the scope of the existing contract</p> <p>Throughout Project life</p>	Barqi Tojik
2.4	<p><b>PROJECT WORKERS TRAINING:</b> Require the contractors to deliver training of Contract Workers to raise awareness about their contractual rights and obligations, the Code of Conduct, and how to do their jobs safely.</p>	<p>At minimum once every quarter, throughout Project life</p>	Barqi Tojik
<b>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b>			

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
3.1	<p><b>MANAGEMENT OF WASTE AND HAZARDOUS MATERIALS:</b> Require Barqi Tojik to review and approve the Materials and Hazardous Waste Management Plans of the contractors for rehabilitation of Nurek bridge and other buildings at Nurek HPP site and enforce the compliance.</p> <p>Enforce compliance of the existing contractor for rehabilitation of nine generating units with its Materials and Hazardous Waste Management Plans, including the Asbestos Management Plan that was approved in Phase 1.</p>	<p>Prior to mobilization</p> <p>Throughout the Project life</p>	Barqi Tojik
<b>ESS 4: COMMUNITY HEALTH AND SAFETY</b>			
4.1	<p><b>TRAFFIC AND ROAD SAFETY:</b> Require the bridge rehabilitation contractor to submit for Barqi Tojik review and approval a Traffic Management Plan and to enforce compliance. Plan by bridge contractor to include requirements for notifying public of closures and restrictions on use during construction.</p>	<p>Prior to contractor mobilization</p> <p>Enforce: throughout Project life</p>	Barqi Tojik
4.2	<p><b>COMMUNITY HEALTH AND SAFETY:</b> Require training of all workers in Code of Conduct requirements concerning interactions with communities, consult with community leaders as needed to identify issues associated with worker interactions with community members, and take appropriate actions to intervene to address issues</p>	<p>Training: at induction and annually thereafter</p>	Barqi Tojik
	<p>Ensure Nurek bridge construction does not interfere with water line that crosses the bridge. If temporary interruption is necessary, ensure Nurek authorities are notified in advance</p>	<p>Throughout the Project life</p>	Barqi Tojik

4.3	<p><b>DAM SAFETY:</b> Adoption of Emergency Preparedness Plan (EPP), Dam Operation and Maintenance (O&amp;M) Plan, and the Instrumentation Plan.</p> <p>Installation of dam safety monitoring equipment and completion of repair works to improve dam safety.</p> <p>Maintaining a dam safety panel as may be needed by the Project.</p> <p>Implementation of EPP and O&amp;M Plan.</p>	<p>By March 31, 2023</p> <p>By December 31, 2025</p> <p>Throughout the Project life</p> <p>Throughout the Project life</p>	Barqi Tojik
4.4	<p><b>SECURITY PERSONNEL:</b> The hiring and use of any security personnel by Nurek HPP or any other contractor for rehabilitation of Nurek HPP would need to be compliant with the requirements of ESS4.</p> <p>Ensure the Nurek bridge rehabilitation contractor develops and implements measures and actions to assess and manage risks to community and to workers from the use of security personnel. Those should include, but not limited to application of the principles of proportionality, the law, verification of contracted workers records to ensure they are not implicated in past abuses, investigate incidents, report unlawful acts to authorities.</p>	<p>Prior to engaging of security personnel</p> <p>Prior to engaging of security personnel</p> <p>Implement: throughout Project life</p>	Barqi Tojik
<p><b>ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES</b></p>			



6.1	<p><b>Sanitary Waste Management Plan</b></p> <p>BT and its PMC to review the existing Sanitary Waste Management Plan of the contractor for rehabilitation of nine generating units and require updates if necessary. Until the update is completed, the existing contractor will continue rehabilitation of three units under Phase 1 using the existing Plan.</p> <p>Ensure the contractors for rehabilitation of Nurek bridge and the buildings at Nurek HPP site prepare sanitary waste management plan to prevent leakage of sanitary waste from the work sites into river waters.</p> <p>Supervise implementation of the Sanitary Waste Management Plan with support from PMC.</p>	<p>Prior to commencement of civil works for rehabilitation of six units</p> <p>Prior to commencement of civil works</p> <p>Throughout the Project implementation</p>	Barqi Tojik
<b>ESS 8: CULTURAL HERITAGE</b>			
8.1	<p><b>CHANCE FINDS:</b></p> <p>Chance find procedures will be part of all civil contracts involving any works under the Project.</p>	Prior to issuance of the bidding documents for respective works contracts	Barqi Tojik
<b>ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE</b>			
10.1	<p><b>SEP PREPARATION</b></p> <p>Review SEP at least annually and update as needed, submit revisions to World Bank for review and approval.</p>	<p>Review: annually throughout Project life</p> <p>Submit: prior to adoption of revisions</p>	Barqi Tojik
10.2	<p><b>SEP IMPLEMENTATION</b></p> <p>Implement the SEP.</p>	Throughout Project life	Barqi Tojik
	<p>Announce and hold consultation meetings with local communities as per SEP.</p>	Annually throughout Project life	Barqi Tojik
	<p>Require bridge contractor/Project Management Consultant to consult with community leaders to communicate schedule of bridge closures/restrictions, require contractor to post signs ahead of closures/restrictions.</p>	Through bridge project life	Barqi Tojik

10.3	<b>PROJECT GRIEVANCE MECHANISM</b> Operate viable stakeholder GRM as per SEP.	Throughout Project life	Barqi Tojik
<b>CAPACITY SUPPORT (TRAINING)</b>			
CS1	<b>Training of PIU and BT staff on</b> specific aspects of environmental and social assessment and community health and safety.	Throughout the Project life	Barqi Tojik