Environmental Assessment Report

Environmental Assessment and Review Framework Project Number: 47282-006 October 2017

AFG: Energy Supply Improvement Investment Program

Prepared by the project preparatory consultant, on behalf of Da Afghanistan Breshna Sherkat of the Government of Afghanistan, for the Asian Development Bank.

The Environmental Assessment and Review Framework is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

CURRENCY EQUIVALENTS

(as of 20 October 2017)

Currency unit	_	afghani (AF)
AF1.00	=	\$0.0146
\$1.00	=	AF68.49

ABBREVIATIONS

ADB SC	_	Asian Development Bank supervision consultant
DABS		DA Afghanistan Breshna Sherkat
EA	—	environmental assessment
EARF		environmental assessment and review framework
EIA		environmental impact assessment
EMP	_	environmental management plan
GFP	_	grievance focal point
IEE	_	initial environmental examination
MEW	_	Ministry of Energy and Water
MFF		multitranche financing facility
NGO		non-government organization
PMU		project management unit
SPS		Safeguard Policy Statement
WHC	_	World Heritage Convention
MFF NGO PMU SPS	 	multitranche financing facility non-government organization project management unit Safeguard Policy Statement

NOTES

- (i) The fiscal year (FY) of the Government of the Islamic Republic of Afghanistan and its agencies ends on 20 December. "FY" before a calendar year denotes the year in which the fiscal year ends, e.g., FY2017 ends on 20 December 201.
- (ii) "\$" refers to US dollars

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I. INTRODUCTION

1. Investment Program. Afghanistan is globally among the lowest 10% in per capita energy consumption and is a net energy importer. In 2014, more than 80% of its total power demand was met from Iran (17%), Tajikistan (25%), Turkmenistan (12%), and Uzbekistan (27%), with remaining 19% met through indigenous sources. Although significant renewable energy and fossil fuel resources exist, these need to be developed through public and private investments. In 2014, nearly 97% of country's oil needs were imported. Infrastructure deficit in gas sector restricts identified reserves of 75 billion cubic meters within 150 square kilometers area only. Power remains a growing portion of total energy consumption and connection rates have increased from 7% in 2003 to 30% in 2014 when demand was 750 megawatts (MW) and power consumption was 3,700 gigawatt-hours (GWh). Energy demand in major cities is growing by 25% every year and by 2032, demand is forecast to reach 3,500 MW and electric consumption at 18,400 GWh. Meeting this exponential increase in demand requires boosting all viable import options in parallel to harnessing domestic resources. The key challenges are: (i) lack of generation capacity, (ii) increasing constraints in transmission and distribution systems, (iii) weak financial management and sustainability of sector entities, and (iv) inadequate corporate governance structures.

2. In this context, the MFF investment program will augment energy trade and regional cooperation, strengthen country's energy infrastructure, increase energy supply to accelerate electrification rate, and improve operational efficiency in the sector. In the power subsector, generation (conventional and renewable), transmission (domestic and regional), and distribution (on- and off-grid) projects are proposed; while wells rehabilitation and gas to power conversion projects are proposed in gas subsector. Current lack of energy supply and demand-supply imbalance in Afghanistan constrains economic growth and opportunities; creates disparities in economic development; and fuels ethnic and regional tensions, insecurity, and discontent. An MFF instead of a stand-alone project is proposed for investment because (i) tranches will be programmatically aligned and sequenced with government's National Energy Supply Program (NESP), (ii) program will be showcased to explore and confirm cofinancing options, (iii) continuity in combining investments in energy infrastructure and nonphysical components for integrated energy sector development will be ensured, and (iii) to allow neighboring countries to develop regional projects for transit and trade into Afghanistan and beyond.

3. To adequately screen, assess, review, and monitor the environmental impacts of candidate subprojects under tranches of the proposed MFF, an Environmental Assessment and Review Framework is presented below. It includes assessment of legal framework and institutional capacity, anticipated environmental impacts, environmental assessment of subprojects and components, consultation, information disclosure, and grievance redress, institutional responsibilities, and monitoring and reporting.

II. ASSESSMENT OF LEGAL FRAMEWORK AND INSTITUTIONAL CAPACITY

1. Environmental Legislation of Afghanistan

4. The environmental assessment of the sub-projects under various tranches of the MFF Investment Program will be undertaken with in compliance with the ADB's and the national policies, legislation and requirements. This also includes complying with international agreements which Afghanistan is party to.

5. The following national environmental acts, laws, regulations, guidelines and policies are relevant to the project:

• Environmental Act, 2007. This act has been promulgated to give effect to Article 15 of the Constitution of Afghanistan and provide for the management of issues relating to

rehabilitation of the environment and the conservation and sustainable use of natural resources, living organisms and non-living organisms.

- Minerals Law, 2010. The Minerals Law of 2010 governs the ownership, control, prospecting, exploration, exploitation, extraction, marketing, sale, and export of minerals in the territory of Afghanistan. The law provides that all deposits of minerals on or under Afghanistan or in its water courses are the exclusive property of the state. A surface land interest does not include right to minerals. The Ministry of Mines is authorized to grant mineral rights in accordance with the provisions of the law.
- Water Law, 2009. Afghanistan's new Water Law became effective in April 2009 and is one component of the country's strategy to integrate its water systems and institutions. The Water Law adopted a river basin approach under which natural river basin boundaries (versus administrative boundaries) govern all aspects of natural resources management and planning. Customary law tends to govern the use of water on private land and in private systems, the resolution of conflicts over water, and water resource conservation. Customary law generally governs allocation of water through the kaerez system, which is constructed and maintained on a community basis.
- Law on Managing Land Affairs, 2008. The Law on Managing Land Affairs sets out definitions for various land types and classifications, requirements for land deeds, and principles governing allocations of state land, land leasing, land expropriation, settlement of land rights, and restoration of lands.
- Draft Rangeland Management Law, 2009. The Rangeland Law is currently under development. Its purpose is to create a framework for community custodianship and management of rangeland resources to provide for sustainable use and management of the rangeland resources, to maximize productivity of rangeland resources and to maintain ecological functions and evolutionary processes of Afghan rangelands, conserve soil and water resources, maintain biological diversity, and combat desertification.
- Forest Law, 2009. The Draft Forest Law reflects the principles of community based natural resource management enshrined in the Cabinet-endorsed National Strategy for Forests and Rangeland.
- Environmental Impact Assessment Regulations (Official Gazette No. 939, dated 10 March 2008). These regulations are issued in accordance with Article 22 of the Environmental Law to govern the process of environmental impact assessment. These regulations describe screening (Regulation 5) and environmental assessment (Regulation 7).
- Administrative Guidelines for the Preparation of Environmental Impact Assessments, June 2008. These guidelines have been prepared as a companion to the Environmental Impact Assessment Regulations (Official Gazette No. 939, dated 10 March 2008). The guidelines are provided to assist those undertaking development projects that may have a potential impact on the environment, and will guide proponents on the various aspects of dealing with the National Environmental Protection Agency as the competent environmental authority in Afghanistan. It will also provide guidance on how the public should be consulted and the roles and responsibilities of the various stakeholders in the process.
- Environmental Impact Assessment Policy "An Integrated Approach to Environmental Impact Assessment in Afghanistan", November 2007. NEPA with the assistance from UNEP has developed the EIA Policy of Afghanistan. The policy stipulates energy sector guidelines to the project proponents to integrate EIA in the process of development and

the procedures to address environmental consequences and involve necessary institutions in the process of project implementation.

- National Environment Strategic Documents. These include (i) The Millennium Development Goals: Vision 2020; (ii) The Afghanistan Compact; (iii) The Afghanistan National Development Strategy (ANDS 2008-2013), and (iv) The National Environment Strategy.
 - 2. ADB's Safeguard Policy Statement (SPS) and other relevant policies

6. The goal of the ADB's Safeguard Policy Statement (SPS) is to promote the sustainability of project outcomes by protecting the environment and people from projects' potential adverse impacts. Among the objectives of ADB's safeguards are:

(i) avoidance of adverse impacts of projects on the environment and affected people, where possible;

(ii) minimizing, mitigating, and/or compensating for adverse project impacts on the environment and affected people when avoidance is not possible.

7. ADB's SPS sets out the policy objectives, scope and triggers, and principles for three key safeguard areas:

(i) environmental safeguards,

(ii) involuntary resettlement safeguards, and

(iii) Indigenous Peoples safeguards.

8. ADB's Safeguard Policy Principles are summarized in a table below:

	Policy Principle	Summary
1	Screening and categorization	Initiate screening process early to determine the appropriate extent and type of environmental assessment.
2	Environmental assessment	Conduct an environmental assessment to identify potential impacts and risks in the context of the project's area of influence.
3	Alternatives	Examine alternatives to the project's location, design, technology, and components and their potential environmental and social impacts, including no project alternative.
4	Impact mitigation	Avoid, and where avoidance is not possible, minimize, mitigate, and/or offset adverse impacts and enhance positive impacts. Prepare an environmental management plan (EMP).
5	Public consultations	Carry out meaningful consultation with affected people and facilitate their informed participation. Involve stakeholders early in the project preparation process and ensure that their views and concerns are made known to and understood by decision makers and taken into account. Continue consultations with stakeholders throughout project implementation. Establish a grievance redress mechanism.
6	Disclosure of environmental assessment	Disclose a draft environmental assessment in a timely manner, in an accessible place and in a form and language(s) understandable to stakeholders. Disclose the final environmental assessment to stakeholders.
7	Environmental management plan	Implement the EMP and monitor its effectiveness. Document monitoring results, and disclose monitoring reports.
8	Biodiversity	Do not implement project activities in areas of critical habitats.
9	Pollution prevention	Apply pollution prevention and control technologies and practices consistent with international good practices. Adopt cleaner production processes and good energy efficiency practices. Avoid pollution, or, when avoidance is not possible, minimize or control the intensity or load of pollutant emissions and discharges. Avoid the use of hazardous materials subject to international bans or phaseouts.
10	Occupational health and safety. Community safety.	Provide workers with safe and healthy working conditions and prevent accidents, injuries, and disease. Establish preventive and emergency preparedness and response measures to avoid, and where avoidance is not possible, to minimize, adverse impacts and risks to the health and safety of local communities
11	Physical cultural resources	Conserve physical cultural resources and avoid destroying or damaging them. Provide for the use of "chance find" procedures.

9. ADB's Public Communication Policy (2011) aims to enhance stakeholders' trust in and ability to engage with ADB, and thereby increase the development impact of ADB operations. The

policy promotes transparency, accountability, and participatory development. It establishes the disclosure requirements for documents ADB produces or requires to be produced.

10. ADB's Accountability Mechanism Policy's (2012) objectives is to provide an independent and effective forum for people adversely affected by ADB-assisted projects to voice their concerns and seek solutions to their problems, and to request compliance review of the alleged noncompliance by ADB with its operational policies and procedures that may have caused, or is likely to cause, them direct and material harm. The Accountability Mechanism a "last resort" mechanism.

III. DESCRIPTION OF THE PROGRAM

11. The Investment Programs subproject's planned under each tranche and their cost estimates are summarized in Table 1.

Tranche	Project's description	Estimated Cost (\$ million)		
T1	500-kV transmission line (306 kilometers) between Sheberghan and Dashte Alwan	\$60 million. Contract Approved		
	220-kV transmission line (66 kilometers) between Sheberghan and Andkhoy	\$50 million		
	300-MW High Voltage Direct Current Back to Back Convertor Station at Dashte Alwan	\$240 million		
T2	220-kV transmission line (150 kilometers) between Charikar and Bamyan including 16 MVA 220/20-kV substation and power distribution network for 10,000 connections			
тз	20-MW Surobi Solar Power project (Surobi District, Kabul Province)	\$45 million		
T4	190 kilometer 220-kilovolt (kV) transmission line between capital city Kabul and Nangarhar provincial capital Jalalabad	\$50 million		
	Total			

 Table 1: Tranches of the Investment Program

IV. ANTICIPATED ENVIRONMENTAL IMPACTS

12. It is anticipated that the Investment Program will have environmental impacts characteristic of construction of transmission lines and substations, solar plants, and natural gas extraction. The magnitude of those impacts will vary depending on sensitivity of the environment including ecological environment or availability of archeological or historical sites in project area. The potential environmental impacts can include:

• *Physical Environment.* Potential impacts to area topography are likely to occur in the construction stage due to the possibilities of cut and fill. Earth-moving operations can cause soil erosion. Potential air quality impacts of the subprojects during the construction phase can be anticipated due to fugitive dust generation in and around construction activities and related activities such as plants for crushing rocks, hot-mix and asphalt

plants. Water extraction for construction purposes and camps can affect the availability of water for domestic or agricultural use. Fuel and lubricants construction machinery can contaminate groundwater and surface water if they are not properly stored and disposed. Potential impacts are also related to wastewater from construction camps. Noise and vibration impacts, generated by construction activities can affect noise-sensitive receptors such as hospitals, schools in settlements and wildlife in specially protected areas;

• *Biological Resources.* Potential impacts related to biological resources include a risk of habitat fragmentation and loss, improved accessibility and increase in poaching, physical disturbance of wildlife, removal of vegetation in the OHL RoW. The OHL under subprojects can run in vicinity of existing or proposed protected areas;

• Socio-Economic Environment. Potential impacts to the social environment can include both adverse impacts such as resettlement, transmission of diseases, and positive impacts on income and unemployment trends. The subprojects can impact existing infrastructure. Potential impacts on archaeological, historical and cultural assets located within RoW can occur due to construction activities.

V. ENVIRONMENTAL ASSESSMENT FOR SUBPROJECTS AND/OR COMPONENTS

13. The following general criteria will be adopted for selection of the subprojects for the Investment Program:

(i) The subprojects shall only be selected from DABS priority list.

(ii) The subprojects shall only involve activities that follow all the government regulations.

(iii) Subprojects including activities listed in ADB's Prohibited Investment Activities List (ADB SPS's Appendix 5) do not qualify for ADB's financing.

(iv) The subprojects that can have considerable adverse impacts on the environment (Category A) or located in environmentally sensitive areas are subject to mandatory environmental assessment as detailed below.

14. A final check on conformity with the selection criteria will be the submission of selected subprojects for ADB's clearance. Any subproject, which does not meet the general criteria listed above may be rejected.

15. All subprojects will be subject to environmental assessment process (Initial Environmental Examination (IEE) or Environmental Impact Assessment (EIA)). Depending on the significance of project impacts and risks, the assessment may comprise a full-scale environmental impact assessment (EIA) for category A projects, an initial environmental examination (IEE) or equivalent process for category B projects, or a desk review.

A. Requirements to Environmental Screening and Classification

16. All subprojects to be included in Investment Program will be screened to determine their environmental category. Categorization is to be undertaken using Rapid Environmental Assessment (REA) checklists (template of the REA is given in Appendix 1), consisting of screening questions relating to (i) the sensitivity and vulnerability of environmental resources in project area, and (ii) the potential for the project to cause significant adverse environmental impacts. Projects are classified into one of the following environmental categories:

a. Category A: A proposed project is classified as category A if it is likely to have significant adverse environmental impacts that are irreversible, diverse or

unprecedented. These impacts may affect an area lager than the sites or facilities subject to physical works. An environmental impact assessment (EIA) is required.

- b. Category B: A proposed project is classified as category B if its potential adverse environmental impacts are less adverse than those of category A projects. These impacts are site-specific, few if any of them are irreversible, and in most cases mitigation measures can be designed more readily than for category A projects. An initial environmental examination (IEE) is required.
- c. Category C: A proposed project is classified as category C if it is likely to have minimal or no adverse environmental impacts. No environmental assessment is required although environmental implications need to be reviewed.

17. Categorization is to be based on the most environmental sensitive component, which means that if one part of the project is with potential for significant adverse environmental impacts, then the project is to be classified as Category A regardless of potential environmental impacts of other aspects of the project. In general, a project will be classified as 'Category A' if the project:

(i) is a new hydropower plant, thermal plant, or large wind park;

(ii) requires a complex mitigation measure needing to be prepared through an in-depth assessment of the impacts and detailed study for preparing mitigation measures;

(iii) will generate impact on an ecologically sensitive area, particularly if the project is in buffer or core zone of any designated specially protected areas, or area of international significance (such as Ramsar site) or cultural heritage and archaeological sites designated by UNESCO and Ministry of Information and Culture.

18. Other energy generation or energy transmission subprojects that do not fall into the above category will likely be classified as B.

B. Requirements to Environmental Assessments and Environmental Management Plans

19. At an early stage of each sub-project preparation, the DABS will identify potential direct, indirect, cumulative and induced environmental impacts on and risks to physical, biological, socioeconomic, and physical cultural resources and determine their significance and scope, in consultation with stakeholders, including affected people, women, and concerned NGOs. If potentially adverse environmental impacts and risks are identified, the DABS will undertake an environmental assessment as early as possible in the project cycle. For subprojects with potentially significant adverse impacts that are diverse, irreversible, or unprecedented, the DABS will examine alternatives to the project's location, design, technology, and components that would avoid, and, if avoidance is not possible, minimize adverse environmental impacts and risks. The rationale for selecting the subproject location, design, technology, and components will be properly documented, including, cost-benefit analysis, taking environmental costs and benefits of the various alternatives considered into account. The "no action" alternative will be also considered.

20. Impacts and risks will be analyzed in the context of each subproject's area that encompasses:

(i) the primary subproject site(s) and related facilities;

(ii) associated facilities that are not funded as part of the Investment Program, and whose viability and existence depend exclusively on the sub-project and whose goods or services are essential for successful operation of the sub-project;

(iii) areas and communities potentially affected by cumulative impacts of the Investment Program, and other sources of similar impacts in the geographical area; and

(iv) areas and communities potentially affected by impacts from unplanned but predictable developments caused by the subproject that may occur later or at a different location.

21. Environmental impacts and risks will also be analyzed for all relevant stages of the project cycle, including preconstruction, construction, operations, decommissioning, and post closure activities such as rehabilitation or restoration.

22. The DABS will prepare an environmental management plan (EMP) that addresses the potential impacts and risks identified by the environmental assessment. The EMP will include the proposed mitigation measures, environmental monitoring and reporting requirements, emergency response procedures, related institutional or organizational arrangements, capacity development and training measures, implementation schedule, cost estimates, and performance indicators. The structure and composition of the typical EMP is provided in Appendix 2.

23. The DABS should ensure that ADB be given access to undertake environmental due diligence for all subprojects. However, DABS has the main responsibility for undertaking environmental due diligence and monitoring the implementation of environmental mitigation measures for all subprojects. The due diligence report as well as monitoring reports on implementation of the environmental management plan needs to be documented systematically and be available to the public, if requested.

VI. CONSULTATION, INFORMATION DISCLOSURE, AND GRIEVANCE REDRESS MECHANISM

A. Public Consultation

24. For each of the subprojects the DABS will organize consultations with project affected people and other stakeholders. Consultation will be based on the following principles:

(i) Early start in the subproject preparation stage and continuation throughout the subproject cycle;

(ii) Timely disclosure of relevant information in a comprehensible and readily accessible to affected people format;

(iii) Ensuring the absence of intimidation or coercion during public consultation;

(iv) Gender inclusive and responsive with focus on disadvantaged and vulnerable groups, and

(v) Enabling the integration of all relevant views of affected people and stakeholders into decision-making.

B. Information Disclosure

25. DABS and ADB agree that in disclosing environmental information for each of the subproject to the public:

(i) DABS is responsible for ensuring that all environmental assessment documentation, including the environmental due diligence and monitoring reports, are properly and systematically kept as part of an DABS project-specific record;

(ii) all environmental documents are subject to public disclosure, and therefore be made available to public;

(iii) for ADB's category-A subprojects, the draft EIAs will be disclosed to the public through ADB's websites 120 days prior ADB board consideration. The EIA/IEE should be reviewed by ADB before it is disclosed to the public; and

(iv) DABS will ensure that meaningful public consultations, particularly with project affected persons, are undertaken during the IEE/EIA preparation process for the future subprojects.

C. Grievance Redress Mechanism

26. A mechanism to receive and facilitate resolution of affected peoples' concerns, complaints, and grievances about the project's environmental performance will be established for each of subprojects. The grievance mechanism should be scaled to the risks and adverse impacts of the project. It should address affected people's concerns and complaints promptly, using an understandable and transparent process that is gender responsive, culturally appropriate, and readily accessible to all segments of the affected people at no costs and without retribution. The mechanism should not impede access to the Afghanistan's judicial or administrative remedies. DABS will appropriately inform the affected people about the mechanism.

VII. INSTITUTIONAL ARRANGEMENT AND RESPONSIBILITIES

27. To prepare the follow-up subprojects and to comply with ADB's Safeguard Policy Statement (2009) and the Afghanistan environmental legislation, DABS and ADB agreed on the following:

(i) DABS will take the following responsibilities:

a. Prepare environmental screening checklists and classify potential subprojects;

b. Based on the environmental classification of the subprojects, prepare the terms of reference to conduct an IEE or an EIA study (outline of an environmental assessment report is shown in Appendix 2);

c. Hire an environmental consultant or firm to prepare an IEE or EIA report, including an EMP for disclosure;

d. Undertake an initial review of the IEE or EIA;

e. Submit the IEE or EIA report and the review form to ADB as part of the approval of subproject;

f. Ensure that all regulatory clearances are obtained before starting civil works for the subproject.

g. Submit to ADB all the required clearances/certificates obtained from the relevant Government authorities.

h. Ensure that all the mitigation measures required to be implemented during construction are included in the bidding document;

i. Establish/Maintain an Environment and Social Unit within PMU to monitor the contractors and the implementation of the environmental management measures required for each sub-project; j. Require the contractor to prepare site-specific EMPs for operations that includes a sub-plan for each of the work areas.

k. Ensure that no land will be released to the contractor until the SS EMP for that area has been prepared and approved.

I. Require that the contractor employ a suitably qualified or experienced environment specialist on a full-time basis to supervise the implementation of the EMP.

m. Require that the contractor provide awareness training in environmental management for all employees working on the project.

n. Ensure that an environmental management plan, including all proposed mitigation measures and monitoring programs, are properly implemented.

o. Monitor the implementation of environmental management plan and prepare an environmental monitoring report every six months, to be delivered to the ADB.

p. In the case of unpredicted environmental impacts occurring during project implementation, require the contractor to provide and implement a corrective action plan.

q. In case a subproject needs to have its alignment changed or its environmental classification reconfirmed, review it to determine whether a supplementary IEE or EIA study is required. If it is required, prepare the terms of reference for undertaking a supplementary IEE or EIA and hire an environment consultant to carry out the study.

r. Ensure that meaningful public consultation be undertaken with affected groups, women, and NGOs.

(ii) ADB will take the following responsibilities:

a. Review the IEE or EIA reports as a basis for the approval of each sub-project.

b. Disclose the final IEE or draft full EIA (at least 120 days prior to ADB Board consideration) and Final EIA, and/or environmental assessment and review framework before project appraisal, a new or updated EIA/IEE and corrective action plan prepared during project implementation, if any, as well as environmental monitoring reports on the ADB website

c. Monitor the implementation of the EMP and due diligence as part of overall project review mission.

d. Assist DABS, if required, in carrying out its responsibilities and safeguard capacity building.

e. Facilitate the required consultations with project affected groups and local NGOs, and to ensure that the borrower or project sponsor provides relevant information on the project's environmental issues in a form and language(s) accessible to those being consulted.

A. Staffing Requirements and Budget

28. DABS will recruit environmental consultant(s) or firm as part of engineering design team to prepare Initial Environmental Examination / Environmental Impact Assessment reports for each subproject associated with this Investment Program.

29. The subprojects' environmental costs need to incorporate a budget and resources to (i) implement the environmental review and screening procedure, (ii) undertake the IEE/EIA studies

for the follow-up subprojects, (iii) conduct stakeholder's consultations, (iv) monitor the implementation of EMPs, and (v) undertake environmental mitigation measures as required. The estimated budget in shown in the Appendix 3.

30. The costs of conducting training, undertaking monitoring, procuring laboratory equipment for instrumental monitoring, hiring environmental consultants, and implementing the environmental impact assessment and review framework needs also to be incorporated in the subprojects' budgets.

VIII. MONITORING AND REPORTING

31. The extent of monitoring activities, including their scope and periodicity, will be commensurate with the project's risks and impacts. DABS is required to implement safeguard measures and relevant safeguard plans, as provided in the legal agreements, and to submit periodic monitoring reports (see the template in Appendix 4) on their implementation performance. ADB will require DABS to:

(i) establish and maintain procedures to monitor the progress of implementation of EMPs;

(ii) verify the compliance with environmental measures and their progress toward intended outcomes;

(iii) document and disclose monitoring results and identify necessary corrective and preventive actions in the periodic monitoring reports;

(iv) follow up on these actions to ensure progress toward the desired outcomes,

(v) retain qualified and experienced external experts or qualified NGOs to verify monitoring information for projects with significant impacts and risks;

(vi) use independent advisory panels to monitor project implementation for highly complex and sensitive projects, and

(vii) submit periodic monitoring reports on safeguard measures as agreed with ADB.

32. ADB will carry out the following monitoring actions to supervise subprojects implementation:

(i) conduct periodic site visits for projects with adverse environmental or social impacts;

(ii) conduct supervision missions with detailed review by ADB's safeguard specialists/officers or consultants for sub-projects with significant adverse social or environmental impacts;

(iii) review the periodic monitoring reports submitted by DABS to ensure that adverse impacts and risks are mitigated as planned and as agreed with ADB;

(iv) work with DABS to rectify to the extent possible any failures to comply with their safeguard commitments, as covenanted in the legal agreements, and exercise remedies to reestablish compliance as appropriate; and

(v) prepare project completion reports that assesses whether the objective and desired outcomes of the EMPs have been achieved, considering the baseline conditions and the results of monitoring.

APPENDIX 1. REA CHECKLISTS

RAPID ENVIRONMENTAL ASSESSMENT (REA) CHECKLIST FOR POWER TRANSMISSION

Instructions:

- (i) The project team completes this checklist to support the environmental classification of a project. It is to be attached to the environmental categorization form and submitted to Environment and Safeguards Division (SDES) for endorsement by Director, SDES and for approval by the Chief Compliance Officer.
- (ii) This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB's (a) checklists on involuntary resettlement and Indigenous Peoples; (b) poverty reduction handbook; (c) staff guide to consultation and participation; and (d) gender checklists.
- (iii) Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts. Use the "remarks" section to discuss any anticipated mitigation measures.

Country/Project Title:

Sector Division:

Screening Questions	Yes	No	Remarks
A. Project Siting Is the Project area adjacent to or within any of the following environmentally sensitive areas?			
Cultural heritage site			
Protected Area			
Wetland			
Mangrove			
Estuarine			
Buffer zone of protected area			
Special area for protecting biodiversity			
B. Potential Environmental Impacts Will the Project cause			
 encroachment on historical/cultural areas, disfiguration of landscape and increased waste generation? 			
 encroachment on precious ecosystem (e.g. sensitive or protected areas)? 			
 alteration of surface water hydrology of waterways crossed by roads and resulting in increased sediment in streams affected by increased soil erosion at the construction site? 			

Screening Questions	Yes	No	Remarks
 damage to sensitive coastal/marine habitats by 			
construction of submarine cables?			
- deterior the of conference to confide the to city one of			
 deterioration of surface water quality due to silt runoff, sanitary wastes from worker-based camps and 			
chemicals used in construction?			
 increased local air pollution due to rock crushing, 			
cutting and filling?			
 risks and vulnerabilities related to occupational health 			
and safety due to physical, chemical, biological, and			
radiological hazards during project construction and			
operation?			
 chemical pollution resulting from chemical clearing of vagatation for construction site? 			
vegetation for construction site?			
 noise and vibration due to blasting and other civil 			
works?			
 dislocation or involuntary resettlement of people? 			
 disproportionate impacts on the poor, women and 			
children, Indigenous Peoples or other vulnerable			
groups?			
 social conflicts relating to inconveniences in living 			
conditions where construction interferes with pre- existing roads?			
hazardous driving conditions where construction			
interferes with pre-existing roads?			
 creation of temporary breeding habitats for vectors of 			
disease such as mosquitoes and rodents?			
 dislocation and compulsory resettlement of people living 			
in right-of-way of the power transmission lines?			
 environmental disturbances associated with the maintenance of lines (e.g. routine control of vegetative 			
height under the lines)?			
 facilitation of access to protected areas in case 			
corridors traverse protected areas?			
 disturbances (e.g. noise and chemical pollutants) if 			
herbicides are used to control vegetative height?			
 large population influx during project construction and 			
operation that cause increased burden on social infrastructure and services (such as water supply and			
sanitation systems)?			
 social conflicts if workers from other regions or 			
countries are hired?			

Screening Questions	Yes	No	Remarks
 poor sanitation and solid waste disposal in construction camps and work sites, and possible transmission of communicable diseases from workers to local populations? 			
 risks to community safety associated with maintenance of lines and related facilities? 			
 community health hazards due to electromagnetic fields, land subsidence, lowered groundwater table, and salinization? 			
 risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation? 			
 community safety risks due to both accidental and natural hazards, especially where the structural elements or components of the project (e.g., high voltage wires, and transmission towers and lines) are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning? 			

A Checklist for Preliminary Climate Risk Screening

Country/Project Title:

Sector :

Subsector:

Division/Department:

	Screening Questions	Score	Remarks ¹
Location and Design of project	Is siting and/or routing of the project (or its components) likely to be affected by climate conditions including extreme weather related events such as floods, droughts, storms, landslides? Would the project design (e.g. the clearance for bridges) need to consider any hydro-meteorological parameters (e.g., sea-level, peak river flow, reliable water level, peak wind speed etc)?		
Materials and Maintenance			
	Would weather, current and likely future climate conditions, and related extreme events likely affect the maintenance (scheduling and cost) of project output(s) ?		
Performance of project outputs	Would weather/climate conditions, and related extreme events likely affect the performance (e.g. annual power production) of project output(s) (e.g. hydro-power generation facilities) throughout their design life time?		

Options for answers and corresponding score are provided below:

Response	Score
Not Likely	0
Likely	1
Very Likely	2

Responses when added that provide a score of 0 will be considered <u>low risk</u> project. If adding all responses will result to a score of 1-4 and that no score of 2 was given to any single response, the project will be assigned a <u>medium risk</u> category.

¹ If possible, provide details on the sensitivity of project components to climate conditions, such as how climate parameters are considered in design standards for infrastructure components, how changes in key climate parameters and sea level might affect the siting/routing of project, the selection of construction material and/or scheduling, performances and/or the maintenance cost/scheduling of project outputs.

A total score of 5 or more (which include providing a score of 1 in all responses) or a 2 in any single response, will be categorized as <u>high risk</u> project.

Result of Initial Screening (Low, Medium, High):_____

Other Comments:_____

Prepared by: _____

Rapid Environmental Assessment (REA) Checklist for Wind Energy

Instructions:

- (i) The project team completes this checklist to support the environmental classification of a project. It is to be attached to the environmental categorization form and submitted to the Environment and Safeguards Division (SDES) for endorsement by the Director, SDES and for approval by the Chief Compliance Officer.
- (ii) This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB's (a) checklists on involuntary resettlement and Indigenous Peoples; (b) poverty reduction handbook; (c) staff guide to consultation and participation; and (d) gender checklists.
- (iii) Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts. Use the "remarks" section to discuss any anticipated mitigation measures.

Country/Project Title: Sector Division:

Screening Questions	Yes	No	Remarks
A. Project Siting Is the Project area adjacent to or within any of the following environmentally sensitive areas?			
Cultural heritage site			
Protected Area			
Wetland			
 Mangrove 			
 Estuarine 			
• Offshore (marine)			
 Buffer zone of protected area 			
 Special area for protecting biodiversity 			
B. Potential Environmental Impacts Will the Project cause			
 encroachment on precious ecology resulting in loss or damage to terrestrial or aquatic habitats (e.g., wetlands or sensitive or protected areas) or species of conservation significance? 			
 encroachment on historical/cultural monuments or areas? 			

Screening Questions	Yes	No	Remarks
 dislocation or involuntary resettlement of people? 			
 disproportionate impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups? 			
 risks and vulnerabilities related to occupational health and safety due to physical, chemical and biological hazards during project construction and operation? 			
noise and vibration due to blasting and other civil works?			
an increase in local traffic during construction?			
 decrease in value of land in the area due to noise, the degradation of environmental aesthetics or other nuisances? 			
 short-term ecological disturbances such as soil erosion, water quality deterioration (surface and groundwater), air pollution, noise and vibrations from construction equipment? 			
 alteration of surface water flows by towers, roads or other facilities, resulting in erosion and stream sedimentation? 			
 disturbance of sensitive marine ecosystems from the installation of offshore towers and submarine cables? 			
 a threat to bird or bat life from turbine and tower collision (particularly waterbirds)? 			
 noise disturbance during operation due to the proximity of settlements or other features? 			
 disruption of radar or telecommunications from electromagnetic interference? 			
• aviation or navigation hazard from turbines?			
 hazards to traffic on major roads near the wind farm due to the location of turbines causing driver distraction? 			
 facilitation of access to protected areas by roads or the transmission line corridor? 			
 shadow flicker in nearby settlements or at other important local sites? 			
 large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)? 			

Screening Questions	Yes	No	Remarks
 social conflicts if workers from other regions or countries are hired? 			
 risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation? 			
 community safety risks due to both accidental and natural hazards, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning? 			

A Checklist for Preliminary Climate Risk Screening

Country/Project Title:

Sector :

Subsector:

Division/Department:

	Screening Questions	Score	Remarks ²
Location and Design of project	be affected by climate conditions including extreme weather related events such as floods, droughts, storms, landslides? Would the project design (e.g. the clearance for bridges) need to consider any hydro-meteorological parameters (e.g., sea-level,		
Materials and Maintenance	peak river flow, reliable water level, peak wind speed etc)? Would weather, current and likely future climate conditions (e.g. prevailing humidity level, temperature contrast between hot summer days and cold winter days, exposure to wind and humidity hydro-meteorological parameters likely affect the selection of project inputs over the life of project outputs (e.g. construction material)?		
	Would weather, current and likely future climate conditions, and related extreme events likely affect the maintenance (scheduling and cost) of project output(s) ?		
Performance of project outputs	Would weather/climate conditions, and related extreme events likely affect the performance (e.g. annual power production) of project output(s) (e.g. hydro-power generation facilities) throughout their design life time?		

Options for answers and corresponding score are provided below:

Response	Score
Not Likely	0
Likely	1
Very Likely	2

Responses when added that provide a score of 0 will be considered <u>low risk</u> project. If adding all responses will result to a score of 1-4 and that no score of 2 was given to any single response, the project will be assigned a <u>medium risk</u> category.

² If possible, provide details on the sensitivity of project components to climate conditions, such as how climate parameters are considered in design standards for infrastructure components, how changes in key climate parameters and sea level might affect the siting/routing of project, the selection of construction material and/or scheduling, performances and/or the maintenance cost/scheduling of project outputs.

A total score of 5 or more (which include providing a score of 1 in all responses) or a 2 in any single response, will be categorized as <u>high risk</u> project.

Result of Initial Screening (Low, Medium, High):_____

Other Comments:_____

Prepared by: _____

APPENDIX 2. OUTLINE OF AN ENVIRONMENTAL ASSESSMENT REPORT

This outline is part of the Safeguard Requirements 1. An environmental assessment report is required for all environment category A and B projects. Its level of detail and comprehensiveness is commensurate with the significance of potential environmental impacts and risks. A typical EIA report contains the following major elements, and an IEE may have a narrower scope depending on the nature of the project. The substantive aspects of this outline will guide the preparation of environmental impact assessment reports, although not necessarily in the order shown.

A. Executive Summary

This section describes concisely the critical facts, significant findings, and recommended actions.

B. Policy, Legal, and Administrative Framework

This section discusses the national and local legal and institutional framework within which the environmental assessment is carried out. It also identifies project-relevant international environmental agreements to which the country is a party.

C. Description of the Project

This section describes the proposed project; its major components; and its geographic, ecological, social, and temporal context, including any associated facility required by and for the project (for example, access roads, power plants, water supply, quarries and borrow pits, and spoil disposal). It normally includes drawings and maps showing the project's layout and components, the project site, and the project's area of influence.

D. Description of the Environment (Baseline Data)

This section describes relevant physical, biological, and socioeconomic conditions within the study area. It also looks at current and proposed development activities within the project's area of influence, including those not directly connected to the project. It indicates the accuracy, reliability, and sources of the data.

E. Anticipated Environmental Impacts and Mitigation Measures

This section predicts and assesses the project's likely positive and negative direct and indirect impacts to physical, biological, socioeconomic (including occupational health and safety, community health and safety, vulnerable groups and gender issues, and impacts on livelihoods through environmental media), and physical cultural resources in the project's area of influence, in quantitative terms to the extent possible; identifies mitigation measures and any residual negative impacts that cannot be mitigated; explores opportunities for enhancement; identifies and estimates the extent and quality of available data, key data gaps, and uncertainties associated with predictions and specifies topics that do not require further attention; and examines global, transboundary, and cumulative impacts as appropriate.

F. Analysis of Alternatives

This section examines alternatives to the proposed project site, technology, design, and operation - including the no project alternative - in terms of their potential environmental impacts; the feasibility of mitigating these impacts; their capital and recurrent costs; their suitability under local conditions; and their institutional, training, and monitoring requirements. It also states the basis for selecting the particular project design proposed and, justifies recommended emission levels and approaches to pollution prevention and abatement.

G. Information Disclosure, Consultation, and Participation

This section:

(i) describes the process undertaken during project design and preparation for engaging stakeholders, including information disclosure and consultation with affected people and other stakeholders;

(ii) summarizes comments and concerns received from affected people and other stakeholders and how these comments have been addressed in project design and mitigation measures, with special attention paid to the needs and concerns of vulnerable groups, including women, the poor, and Indigenous Peoples; and (iii) describes the planned information disclosure measures (including the type of information to be disseminated and the method of dissemination) and the process for carrying out consultation with affected people and facilitating their participation during project implementation.

H. Grievance Redress Mechanism

This section describes the grievance redress framework (both informal and formal channels), setting out the time frame and mechanisms for resolving complaints about environmental performance.

I. Environmental Management Plan

This section deals with the set of mitigation and management measures to be taken during project implementation to avoid, reduce, mitigate, or compensate for adverse environmental impacts (in that order of priority). It may include multiple management plans and actions. It includes the following key components (with the level of detail commensurate with the project's impacts and risks):

(i) Mitigation:

(a) identifies and summarizes anticipated significant adverse environmental impacts and risks;

(b) describes each mitigation measure with technical details, including the type of impact to which it relates and the conditions under which it is required (for instance, continuously or in the event of contingencies), together with designs, equipment descriptions, and operating procedures, as appropriate; and

(c) provides links to any other mitigation plans (for example, for involuntary resettlement, Indigenous Peoples, or emergency response) required for the project.

(ii) Monitoring:

(a) describes monitoring measures with technical details, including parameters to be measured, methods to be used, sampling locations, frequency of measurements, detection limits and definition of thresholds that will signal the need for corrective actions; and

(b) describes monitoring and reporting procedures to ensure early detection of conditions that necessitate particular mitigation measures and document the progress and results of mitigation. (iii) Implementation arrangements:

(a) specifies the implementation schedule showing phasing and coordination with overall project implementation;

(b) describes institutional or organizational arrangements, namely, who is responsible for carrying out the mitigation and monitoring measures, which may include one or more of the following additional topics to strengthen environmental management capability: technical assistance programs, training programs, procurement of equipment and supplies related to environmental management and monitoring, and organizational changes; and

(c) estimates capital and recurrent costs and describes sources of funds for implementing the environmental management plan.

(iv) Performance indicators: describes the desired outcomes as measurable events to the extent possible, such as performance indicators, targets, or acceptance criteria that can be tracked over defined time periods.

J. Conclusion and Recommendation

This section provides the conclusions drawn from the assessment and provides recommendations.

APPENDIX 3. OUTLINE TERMS OF REFERENCE FOR CONSULTING SERVICES FOR ENVIRONMENTAL ASSESSMENT

A. Objectives

The objective of the consulting services is to ensure the environmental soundness and sustainability of the project and to support the integration of environmental considerations into the project-making process. This will be achieved by conducting environmental impact assessment (EIA) or initial environmental examination (IEE) of the proposed subproject to identify potential environmental impacts on physical, ecological, socioeconomic, and physical cultural resources, and preparing EIA/IEE report with environmental management plan in accordance with the ADB's Safeguard Policy Statement (2009). The indicative duration of an EIA study is 4-6 months and an IEE study - 1.5 - 3 months.

B. Scope of Work

The consultant's scope of work will include the following tasks:

• <u>Analysis of the background materials.</u> Background materials of the earlier studies including ecological, geotechnical, hydrogeologic, and other relevant studies for each sub-project will be collected from the relevant organizations and analyzed;

• <u>Assessment of Environmental Impacts and Development of Mitigation Measures.</u> An EIA or IEE study to assess potential direct, indirect, cumulative, induced, as well as transboundary and global impacts of the project to physical, biological, socioeconomic, and physical cultural resources during design, construction and operation stages will be conducted. Adverse environmental impacts will be avoided, or where it is not possible

• <u>Examination of Alternatives</u>. Alternatives to the project's location, design, technology, as well as "no project" alternative will be assessed;

• <u>Public consultations.</u> Meaningful public consultations with affected people (at least two rounds consultations for EIA and one consultation for IEE) ensuring participation of all stakeholders including non-governmental organizations, women will be conducted. The list of people attended the consultation, time and locations, subjects discussed during consultation will be recorded in systematic manner and attached in the EIA/IEE report as an appendix;

• Grievance Redress Mechanism will be established;

• <u>Preparation of IEE/EIA report.</u> An EIA/IEE report including executive summary, policy, legal, and environmental framework, description of the project, baseline data, expected environmental impacts and mitigation measures, analysis of alternatives, information disclosure, consultation and participation, grievance redress mechanism, in accordance with ADB's Safeguard Policy Statement (2009);

• <u>Preparation of EMP</u>. Site-specific environmental management plan will be prepared within the framework of this activity.

C. Team Composition and Organization

Composition of an environmental assessment team will depend on the level of environmental assessment required (IEE or EIA), as well as location, type and magnitude of the project. In general, it will be based on the following requirements:

• both international and domestic specialists will be involved in environmental assessment process;

• in case of an IEE, the team will by composed of, in most cases, environmental specialists;

• in case of an EIA, sub-specialists such as biologists, hydrologists, botanists, etc will be brought into the process depending on the subproject sensitive field;

• the Team Leader (International Environmental Specialist) will have 10-15 years of experience in environmental assessment, environmental management and monitoring, construction supervision of projects including transmission line/substation construction, team management skills, experience working in teams of multi-discipline experts and leading a national team of consultants, understanding of administrative, procedural, and technical requirements of environmental assessment;

• Domestic Specialists will be graduates in environmental science, environmental engineering, geological science, engineering hydrology, biology or related discipline with significant experience in environmental management and monitoring of projects, environmental assessment and/or design and implementation of environmental mitigation measures.

D. Budget

The estimated costs for preparation of IEE and EIA are provided in Tables below. A team of International and national specialists are recommended for these studies.

	Months	per month	Amount
Remuneration, accomodation, per diem			
Environmental Specialist, International	2	25000	\$50,000
Environmental Specialist, Domestic	2	4000	\$8,000
		Sub-total	\$58,000
			-
Out of pocket expenses			
Land transport			\$5,000
Report preparation, transmission			\$2,000
Public consultations			\$2,000
Administrative and support cost			\$3,000
		Sub-total	\$12,000
Contingency (10%)			\$7,000
		Total:	77,000

Estimate of the Pre	paration of the IEE	E report for a subproject

	<u> </u>	-
Months	per month	Amount
4	25000	\$100,000
4	4000	\$16,000
3	4000	\$12,000
6	3000	18000
	Sub-total	\$146,000
		\$10,000
		\$7,000
		\$2,000
		\$4,000
		\$5,000
	Sub-total	\$28,000
		\$17,400
	Total:	191,400
	4 4 3	4 25000 4 4000 3 4000 6 3000 5ub-total

Estimate of the Preparation of the EIA report for a subproject

APPENDIX 4. OUTLINE OF ENVIRONMENTAL MONITORING REPORT

{Environmental and/or Social} Monitoring Report

{Annual/Semestral/Quarterly} Report {Month Year}

{Short Country Name}: {Project Title-Subproject}

Prepared by {complete and accurate name of implementing agency or external monitoring agency} for the {complete name of the borrower} and the Asian Development Bank.

CURRENCY EQUIVALENTS

(as of {Day Month Year})

{The date of the currency equivalents must be within 2 months from the date on the cover.}

Currency unit – {currency name in lowercase (Symbol)}

{Symbol}1.00 = \${ } \$1.00 = {Symbol_}

ABBREVIATIONS

{AAA}	-	{spell out (capitalize only proper names)}
{BBB}	_	{spell out}
{CCC}	-	{spell out}

{WEIGHTS AND MEASURES}

{symbol 1 (full name 1)}	-	{Definition 1}
{symbol 2 (full name 2)}	_	{Definition 2}
{symbol 3 (full name 3)}	-	{Definition 3}

{GLOSSARY}

{Term 1}	-	{Definition 1}
{Term 2}	-	{Definition 2}
{Term 3}	-	{Definition 3}

NOTE{S}

- (i) The fiscal year (FY) of the Government of {name of borrower} {and its agencies} ends on {day month}. FY before a calendar year denotes the year in which the fiscal year ends, e.g., FY2011 ends on {day month} 2011. {Note: If FYs are not referred to within the text, delete the entire note and change NOTES to NOTE.}
- (ii) In this report, "\$" refers to US dollars. {Note: If a second \$ currency is referred to in the text, e.g., NZ\$ or S\$, add: unless otherwise stated. In the text, use "\$" for US dollars and the appropriate modifier, e.g., NZ\$ or S\$, for other currencies that use the "\$" symbol.}

This {environmental and/or social} monitoring report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

{Read and delete:

(i) Guidelines: Following requirements of the ADB Safeguard Policy Statement (2009) and the Operations Manual section on safeguard policy (OM F1), borrowers/clients are required to establish and maintain procedures to monitor the status of implementation of safeguard plans and ensure progress is made toward the desired outcomes. Borrowers/clients are required to submit the following monitoring reports for ADB review:

Project Category	Frequency of Reports
Environment category A	 Semi-annual monitoring reports during project construction
	 Annual monitoring reports during project operation
Environment category B	 Periodic monitoring reports as deemed appropriate
Involuntary resettlement	 Semiannual monitoring reports
category A and B	
Indigenous peoples	 Semiannual monitoring reports
category A and B	
Highly complex and	 Quarterly monitoring reports
sensitive deemed by	
ADB	

The level of detail and comprehensiveness of a monitoring report is commensurate with the complexity and significance of social and environmental impacts. A safeguard monitoring report may include the following elements:

- (a) Background/context of the monitoring report (adequate information on the project, including physical progress of project activities, scope of monitoring report, reporting period, and the monitoring requirements including frequency of submission as agreed upon);
- (b) Changes in project scope and adjusted safeguard measures, if applicable;
- (c) Qualitative and quantitative monitoring data;
- (d) Monitoring parameters/indicators and methods based on the monitoring plan/program previously agreed upon with ADB;
- (e) Monitoring results compared against previously established benchmarks and compliance status (e.g., national environmental emission and ambient standards and/or standards set out in the WB's EHS guidelines; timeliness and adequacy of environmental mitigation measures; IR compensation rates and timeliness of payments, adequacy and timeliness of IR rehabilitation measures including serviced housing sites, house reconstruction, livelihood support measures, and training; budget for implementing EMP, RP, or IPP, timeliness and adequacy of capacity building, etc.);
- (f) Monitoring results compared against the objectives of safeguards or desired outcomes documented (e.g. IR impacts avoided or minimized; livelihood restored or enhanced; IP's identity, human right, livelihood systems and cultural uniqueness fully respected; IP not suffer adverse impacts, environmental impacts avoided or minimized, etc.);
- (g) If noncompliance or any major gaps identified, include a corrective action plan;
- (h) Records on disclosure of monitoring information to affected communities;
- (i) Identification of key issues, or complaints from affected people, or recommendations for improvement;
- (j) Monitoring adjustment measures recommended based on monitoring experience/trends and stakeholders response;
- (k) Information about actual institutional arrangement for implementing the monitoring program/plan provided or adjusted, as may be required;
- (I) Proposed items of focus for the next report and due date.
- (ii) **Page limit:** Not applicable.