



د کليو د بيارغونې او پراختيا وزارت  
وزارت احيا و انکشاف د ملت

د افغانستان اسلامي جمهوريت  
جمهوری اسلامی افغانستان



Islamic Republic of Afghanistan  
Ministry of Rural Rehabilitation and Development  
National Solidarity Program

## Environmental Management Plan

Province: -----  
District: -----  
Community: -----

Subproject ID #: -----  
FP: -----  
GPS: -----

### Available documents:

S/N	Topics	Annex	Remarks
1	Environmental Mitigation Plan	1	
2	Public awareness/consultations based on transect walk findings and purpose of subproject	2	
3	Strip Plan of the project site	3	
4	Grievance Redress Mechanism	4	
5	List of Project Affected People	5	
6	Environmental Monitoring Plan	6	
7	Site selection criteria checklist, Environmental screening checklist, Land documents, Mine clearance document, Land/asset compensation document and list of stake holders	7	

### Verified by:

PMU ESS Focal Point -----

Signature: -----

Date: -----



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# Site-specific Environmental Management Plan

For

Road/Bridge/Sanitation Project/Power ..etc

Prepared

September, 2013



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## Acronyms

<b>CDC</b>	Community Development Counsel
<b>EMP</b>	Environmental Management Plan
<b>EIA</b>	Environmental Impact Assessment
<b>ESMF</b>	Environmental and Social Management Plan
<b>FP</b>	Facilitating Partner
<b>GPS</b>	Global Positioning System
<b>GHU</b>	Grievance Handling Unit
<b>GRM</b>	Grievance Redresser Mechanism
<b>HQ</b>	Head Quarter
<b>IDA</b>	International Development Association
<b>MRRD</b>	Ministry of Rural Rehabilitation and Development
<b>NSP</b>	National Solidarity Program
<b>PMU</b>	Project Management Unit
<b>WB</b>	World Bank



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## Introduction

The NSP is a national priority programme of the Government of the Islamic Republic of Afghanistan (GoIRA), executed by the Ministry of Rural Rehabilitation and development (MRRD) and funded through multiple sources. Known in Dari as “Hambastagi Milli” and in Pashtu as “Milli Paiwastoon”, NSP is based on the Afghan traditions of “Ashar” (i.e. community members working together on a volunteer basis to improve community infrastructure) and “Jirga” – councils comprised of respected members of the community. Islamic values of unity, equity and justice are also encouraged.

The stated development objective of the NSP is to build, strengthen, and maintain Community Development Councils (CDCs) as effective institutions for local governance and social-economic development.

NSP implementation in a community involves various phases and sub-phases. Projects under negative list of NSP; is not funding by the program.

Safeguards is one of the priorities of NSP in the subproject; concern to this issue capacity building the and right implementation of the proposal is the main point of the program.

## Background

Activities envisaged under the project would not entail significant and negative environmental and social impacts, provided they are designed and implemented with due consideration of environmental and social issues. Rather, most subprojects envisaged under the project should contribute to improving environmental and social conditions in rural Afghanistan. Adverse impacts may arise due to depletion or degradation of natural resources such as stone, earth, water etc. used for construction of small-scale infrastructure. Construction activities may cause limited, temporary, and localized negative impacts. If the activities financed under IDA/WB are assessed by the relevant Facilitating Partners (FPs) and found to have potential large or medium scale environmental and social impacts, the relevant FPs shall prepare an Environmental Management Plan (EMP) acceptable to the Association before the sub-project work can be financed.

Compliance with Afghanistan Environmental Law, EIA regulations and WB Safeguards Policies the Environmental and Social Management Framework (ESMF) was developed to mainstream and incorporate the Environmental and social consideration into overall NSP project cycle. Therefore based on environmental screening (transect walk & environmental screening checklist) and technical feasibility study, the site-specific EMP was developed to mitigate the foreseen potential adverse impact of the subproject on environment and human health.

This site-specific EMP includes the purpose of EMP, , sub-project description, environmental setting of the sub-project area, construction camp, potential environmental adverse impact, Environmental Mitigation Plan **Annex 1**, public awareness/consultation **Annex 2**, Implementation of mitigation measures, Strip Plan of the



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subproject site **Annex 3**, Grievance Redress Mechanism **Annex 4**, List of sub-project Affected People **Annex 5**, Environmental Monitoring Plan **Annex 6**, Site selection criteria checklist, Environmental screening checklist, Land documents, Mine clearance document, Land/asset compensation document and list of stake holders **Annex 7**.

The site-specific EMP is part of the sub-project proposal and shall be including to the bidding document for tender. The implementer (contractor/CDC) is responsible for implementation of measures outlined in this EMP. The contractor should implement this document and make sure the site supervisor/foreman is familiar with its content.

### Purpose of Site-specific EMP

The objective of this site-specific EMP is to provide consistent information and guidance for implementing and monitoring of the mitigated measure to help achieve the goals. On the other side it is to ensure continuous improvement of environmental performance, reducing negative impacts and enhancing positive effects during the construction and operation phase of the sub-project.

The purpose of the Site-specific EMP is to help

- To provide an implementation mechanism to address the raised environmental and social adverse impact in the sub-project affected area and intended to manage and mitigate the potential adverse.
- To comply with National Environmental Laws and regulations and WB Operational Policy for environmental and social safeguards.

### Public awareness/consultations

There are two main levels of community participation and consultation with regards to safeguards: a) during the environmental impact assessment study, and (b) in implementation of the sub-projects, particularly when using the sub-project screening checklists and preparing the sub-project EMPs.

Based on findings of transect walk & Environmental Screening Checklists, public announcement and consultation conducted and the following points considered with regards to community participation and consultation in the preparation of environmental mitigation plan: **Annex 2**

Consultation will initiated as early at the start of needs prioritized by CDCs, and it is an ongoing process throughout the design and implementation of the project.

As NSP sub-projects implementation is designed to be a demand-driven process, communities have to build ownership of their subprojects and accept responsibility to ensure that the safeguard requirements are fulfilled.



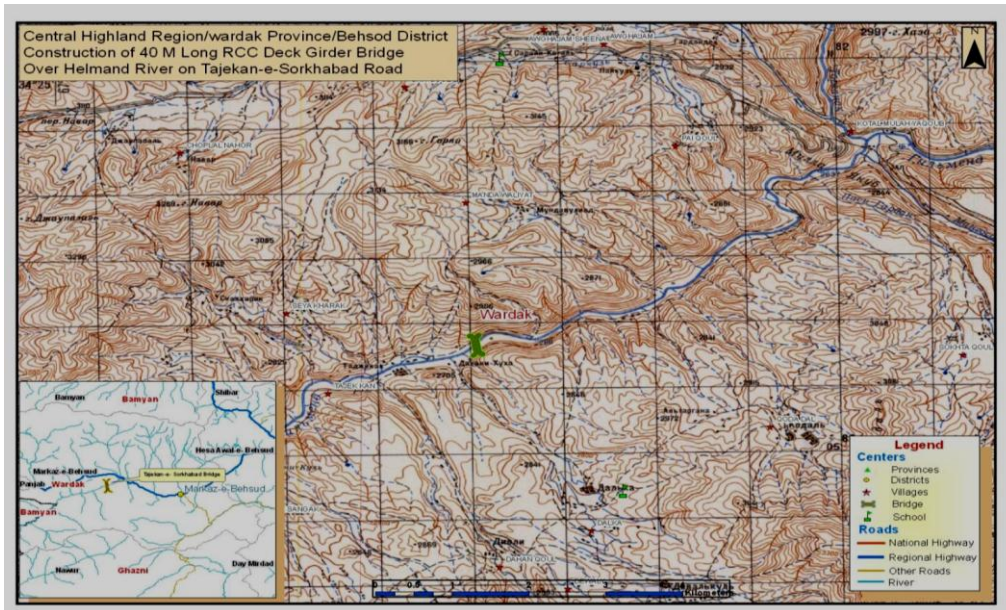
## Subproject description

National Solidarity Program (NSP) has the mandate to improve the rural roads and construction of bridges/road, which –in return- will enhance connecting communities and ease their access to regional health, education, and market facilities. NSP has identified the Construction of 000 M RCC/gravel ABC Bridge/road as one of its priority projects under NSP.

The proposed Bridge is 000 m long RCC Deck Girder Bridge over ABC river on XYZ district Road at ABC village in XYZ District. The survey team has found out that this bridge will improve access between ABC and XYZ districts inhabitants. In addition to this, this project indirectly connects 000 villages with total number of beneficiaries estimated at 12345 persons who will be benefiting from the bridge/road.

## Location

The proposed Bridge is 000 m long RCC Deck Girder Bridge over XYZ River on ABC District Road at ABC village in XYZ district, XYZ province. The project is located in (put GPS Coordinates) the West/East/South/North side of XYZ province at distance of (approximately) 000 Km from XYZ provincial



The information for this part should be based on site





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Environmental setting of the subproject

### Topography

The topography of the sub-project site is hilly. In some locations there are residential houses, orchards and agricultural land.

### Climate:

The climate of the village is hot in summer and snowy and really cold in winter. The spring and autumn are nice with rainy season.

### Air quality

As this project located in rural area, there is not any major consideration on air quality, but the sub-project activities may create some dust alongside of material transportation which will be mitigated through appropriate mitigation (water sprinkle, cover on the top of vehicles),

### Water resources

All water resources originate from the central highlands. These resources are springs, streams and river but in the flat area mostly people benefited from Karez.

### Geology

Located in the central highlands, the soil is the mostly rocky but the plateau is mostly fertile and use for agricultural purpose. No evidence of volcanoes, storms and high flood has been reported yet except short earthquakes without any casualties.

### Flora /Fauna

The area is rich in biodiversity and scenic beauty. But based on environmental screening findings, not wildlife habitats, wetland, wild medical plants and sensitive area have been potentially mentioned to be damage.

### Location Map/strip plan Annex 3

Site plan (strip plan) of the sub-project should be attached.

The information for this part should be based on site



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## Construction Camp

### Pre-construction stage

The contractor/CDC shall identify the site for construction camp with consultation with the owner of Land/ CDC.

The contractor should consign to restore of the site as prior to the commencement of the sub-project work in case of shifting or finishing the work.

During site selection for setting the camp following issues should be taken into consideration for avoiding of significant harms:

- Orchards,
- Irrigated agricultural land,
- Buffer area; at least 150m distance to water resources (pond, river, stream, spring, karez ...etc),
- Land with tuner right (in case of given rent no matter)
- No willingness of land owner for using consent,
- Historical places,
- Sensitive area; Flora (forest, medical shrubs..etc) and Fauna (wildlife),

### Construction stage

After identification of the site, user "contractor" will submit a detailed plan for the camp to CDC and FP, the plan should be contain of temporary structure to be put up, duration/period of work.

Beside the contractor shall:

- Provide adequate supply of potable water,
- Provide sanitary,
- Provision of First Aid help box and personal protective equipment (PPE)"refers to protective clothing, helmets, goggles, or other garments or equipment designed to protect the wearer's body from injury",

Construction camp should be free from litter and proper waste disposal should be in place. Any spillage of chemicals (oil, grease, lubricants, bitumen, cement, color, etc) and construction debris should be immediately cleaned to avoid water/air pollution, and contamination of the site.

### Post construction stage

Subsequent to completion of the sub-project, the site should be restored as prior to the commencement of the subproject and the area should be hand over safely to the owner of the land.



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## Potential Environmental and Social Impacts Annex 1

- The information for this part should be based on site
- Air pollution:** it will be generated due to earth work and bad condition of vehicles,
  - Sound pollution:** it will be due to using construction machinery and vehicles,
  - Damages to trees or vegetation:** due to alignment of the sub-project, use of detours, borrow pet area,
  - Land acquisition:** requirement of land due to footprint of sub-project,
  - Health and safety risks:** any unforeseen health and safety risk during construction stage,
  - Soil erosion due to removing of surface soil;** borrow area, transportation of material, waste debris,

### Implementation of mitigation measures

The mitigation measures will be integrated into sub-project design and bidding document. So the mitigation measure is automatically part of sub-project implementation and operation process. Monitoring and supervision of mitigated measures should be cover under the normal engineering monitoring and supervision activities.

All mentioned condition in this document (site for camp, waste disposal, material to be used, labor camp arrangements, site specific mitigation...etc) will be mention to the tender instruction for bidders.

Action to be taken against failure to comply with site-specific EMP requirement will also be clearly agreed in the contract agreement document.

### Monitoring of mitigation measures

In order to monitor the progress of the implementation of the site-specific EMP, the FP in conjunction with concerned CDC will submit progress report (start of implementation, 50%, and after completion) of the sub-project to the PMU. The PMU will share the report with ESSU at HQ for any comments and/or additional support. The main point of contact at HQ is Environmental /Social Safeguards Sr. Officer. The ESS Focal Point at FP and PMU is responsible for coordinating all processes involved in implementation of the EMP for the sub-project. **Annex 6**



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## Institutional requirements

The site-specific EMP will be implemented through the following institutional arrangement and support from various stakeholders:

- Community/CDC and FP (Preparation of site-specific EMP with active technical support from FP Focal Points),
- CDC/Contractors for implementation of mitigated measures, under close monitoring of CDC, FP/PMU,
- NSP-PMU: Support, review and approve the site-specific EMP and capacity building support to FP and CDC,

## Grievances Redress Mechanism

All complaints should first be negotiated to reach an agreement at the local community/village level. The implementation of the agreements should be recorded in the Community Meeting Minutes, or any alleged irregularity in carrying out the project can also be addressed by the affected persons or their representative at the district level (FP/PMU). If this also fails, the complaint may be submitted to the relevant unit (GHU “grievance handling unit”) at NSP HQ level for a decision. **Annex 4**

## Project Affected People (PAP)

PAPs are identified as persons whose livelihood is directly or indirectly affected by the sub-project. He/she is losing access to a portion of his/her land or other productive assets with the remaining assets being economically viable are entitled to compensation at replacement cost for that portion of land or assets lost to them. Compensation for the lost assets will be done according to NSP ESMF (it should be clear out before start of work). But it should be noted that in case of cash compensation, the delivery of compensation should be made in public, i.e. at the Community Meeting. **Annex 5**

Note: make sure the PAPs is not more than 200 people or the amount of private donation is not more than 10% of his/her properties. If such issue is going to be happen, PMU and FP and CDC should be looking for another appropriate way.



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### Annex 1: Environmental Mitigation plan

Sub-project phase	Sub-project Activity	Potential Negative Impact	Suggested Mitigation Measure	Mitigation Cost *	Implementation Responsibility	Monitoring Responsibility

The information for this part should be based on site findings

\* **Mitigation Cost** the costs of proposed mitigation measure are estimating during sub-project design and the sum is directly emerging in the normal BoQ documents. Only infrastructure items will cover under cost column. Safety cost is responsibility of contractor and payment for land/assets is responsibility of CDC and it should be out of CDC share.



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**Annex 2: Public awareness/consultations based on transect walk findings and purpose of sub-project:**

Province: ----- Project ID #: -----  
District: ----- FP: -----  
Community: -----

<b><u>What is the sub-project and it outstanding features:</u></b>	
<b><u>Obstacles and barrier:</u></b>	
<b><u>Likely impact identified:</u></b>	
<b><u>Land Requirements:</u></b>	
<b><u>Land for expansion:</u></b>	
<b><u>PAP identification:</u></b>	
<b><u>Compensation in case of need:</u></b>	
<b><u>Suggestion from community:</u></b>	
<b><u>CDC/s (male+ female) Agreements*:</u></b>	

**Note:** \*attached list of participants and minutes of the meeting

The information for this part should be based on site



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### Annex 3: Strip Plan of the sub-project site



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The information for this part should be based on grievance site

#### Annex 4: Grievance Redress Mechanisms

NO	Description of Grievance		Grievance solved at CDC level		Grievance solved at FP/PMU		Final status		Remarks
	Verbal	Written*	Yes	No Write the reason/next step	Yes	No Write the reason/next step	solved	pendin g	
1									
2									
3									
4									
5									

Note: \* The document should be attached,





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Annex 5: List of sub-project Affected People

No	Name of the land/asset owner	Location / Chainage*	Total		Amount of affected		% of affected land	%lose of assets	Type of compensation paid/received**
			Land (m <sup>2</sup> )	Assets	land(m <sup>2</sup> )	asset			
1									
2									
3									
4									
5									
6									

Note: \*chainage is only for liner sub-projects \*\* attached compensation documents

The information for this part should be based on affected people of site



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## Annex 6: Environmental Monitoring Plan

Phase	What (Impact)	Where (chainage)*	How (method)	When (frequency)	Who (Responsibility)	Progress in %	Remarks
Pre construction							
Construction							
Post construction							

**Note:** \* chainage is only for liner sub-projects

The information for this part should be based on site EMP



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**Annex 7: Site selection criteria checklist, Environmental screening checklist, Land documents, Mine clearance document, Land/asset compensation document and list of stake holders**

**EMP Prepared by:**

Name of FP ESS Focal Points: -----

Signature: -----

Date: -----

FP Stamp -----

**EMP Reviewed by:**

Name of FP Engineer: -----

Signature: -----

Date: -----

FP Stamp -----

**EMP Approved by Provincial NSP**

Name of NSP PMU -----

Signature: -----

Date: -----

PMU Stamp -----