

**GOVERNANCE TO ENABLE SERVICE DELIVERY (GESD) PROJECT**  
**ENVIRONMENTAL & SOCIAL SCREENING FORM**

**NAME OF PROPOSED PROJECT:**

Humba concrete bridge

**A. NATURE AND CHARACTERISTICS OF THE PROPOSED PROJECT**

**Project Location (Village, GVH, Ward, TA, and District)** **Importance/Significance of the project**

TA - Kanduku, GVH - Kanduku  
 V H : Humba

→ connectivity bwn areas  
 → safety by replacing old bridge  
 → economic development

**Coordinates (UTM):**

659600 E 8281585 N

**Key components of the Project including ancillary/auxiliary facilities**

**Size of the Project (m, km, Ha, m<sup>2</sup>, m<sup>3</sup>/s, No of people, seating capacity, Beds, etc)**

1. constructing Abutments
2. constructing wing wall
3. casting concrete deck
4. Backfilling bridge approaches  
 Constructing drainage

**Main Materials, equipment and technologies expected to be used**

Material/Equipment	Source	Mode of delivery	Permit required?
concrete mixers			
wheel barrows			
trucks & tippers			
pick, shovel			
rod, poker			
vibrator, excavators			
compactors			

**Key activities expected to be undertaken during pre-construction, construction and operation phases of the project**



construction Phase	Construction Phase	Demobilisation Phase	Operation Phase
<ul style="list-style-type: none"> <li>→ structural designing</li> <li>→ site survey</li> <li>→ stakeholder engagement</li> <li>→ procurement of contractor</li> <li>→ contract negotiation</li> <li>→ project handover</li> <li>→ office &amp; storage</li> </ul>	<ul style="list-style-type: none"> <li><del>After</del> site clearing and excavation</li> <li>→ construction of the bridge structure</li> <li>→ provision of signature construction service structure</li> <li>→ backfilling &amp; road formation</li> </ul>	<ul style="list-style-type: none"> <li>→ Demolition of temporary camp and storage facilities</li> <li>→ backfilling of temporary latrines, clearing debris from site</li> <li>→ removal of equipment and machinery</li> </ul>	<ul style="list-style-type: none"> <li>→ opening the facility for traffic</li> <li>→ maintenance</li> <li>→ Safeguarding from land use</li> </ul>

#### B. ENVIRONMENTAL & SOCIO-ECONOMIC CHARACTERISTICS OF THE PROJECT SITE

Physical Features on or around the project site and land ownership status, adequacy and suitability	Topography, Soil, Climate, Rainfall, Vegetation and Biodiversity,
<ul style="list-style-type: none"> <li>→ public land no need compensation and land agreement</li> <li>→ along Humbur river</li> </ul>	<ul style="list-style-type: none"> <li>→ hilly area</li> <li>→ having slope more than 12<sup>th</sup> degree</li> <li>→ sandy clay</li> <li>→ rainfall ranges from 800mm - 1600mm</li> </ul>
Social Economic Activities in the area or site	Any environmental, social, economic, governance factors that may affect usability/sustainability of the project (-/+)
<ul style="list-style-type: none"> <li><del>Farming</del></li> <li>→ farming, horticulture, crops and livestock</li> </ul>	<ul style="list-style-type: none"> <li>→ VNR C</li> <li>→ VDC</li> <li>→ ADC</li> <li>→ project management committee</li> </ul>



## B. IDENTIFICATION OF POTENTIAL RISKS/IMPACTS THEIR SIGNIFICANCE AND POSSIBLE MITIGATION MEASURES

	Impacts/Risks <i>Will the project generate the following negative risks/impacts?</i>	Appraisal		Details on nature of impact (Type, source, affected elements, number e.t.c)	Significance <sup>1</sup>			Notes on possible mitigation measures (based on the hierarchy of 'avoid, reduce, mitigate, rehabilitate')
		Yes	No		L	M	H	
1.0	<b>Occupational Health and Safety Impacts</b>							
1.1	Will the works require large number (e.g., more than 30) of staff and laborers from outside the local area?		✓					
1.2	Will the infrastructure works require a worker's camp? [ If "Yes", how many workers are expected to occupy the camp?	✓	✓	less than 10	✓			recruit local people
1.3	Are the works activities prone to hazards, risks and could result in accidents and injuries to workers during construction or operation?	✓		Accidents from working heights cuts from sharp objects	✓			Screen elevated work area & ladders → provide PPE → provide full first aid
1.4	Will there be Occupational Health and Safety (OHS) risks from handling of equipment?	✓		Accidents from construction machinery	✓			Install OHS signs → provide PPE
1.5	Is there a risk of flooding during construction/rehabilitation? (wet season or by project activities)		✓					
2.0	<b>Environmental Impacts</b>							
2.1	Will the operating noise level of the new/rehabilitated infrastructure exceed the allowable noise limits?	✓		During construction noise from vehicles and other equipment	✓			Work in normal hours - Informal communication about noise
2.2	Will the operation result in emission of significant amounts of dust?	✓		vehicles exhaust gas & particulates matter	✓			use less polluting fuel use vehicle exhaust emission control techniques
2.3	Is there a possibility that the works will lead to any contamination and pollution?	✓		fuel & oil paint pollute the air				use less polluting fuel
2.4	Will the operation involve use of considerable amounts of natural resources (construction materials, trees) or may lead to their depletion or degradation at points of source?	✓		sand and quarry minerals	✓			promote sustainable sand & quarry mining

<sup>1</sup> When assigning the level of significance of the Impact (i.e. L/M/H), the evaluation team needs to analyze the probability of occurrence (how likely), magnitude/severity of impact, spatial scale (e.g. Project site only?, local area?, regional area?), temporal scale of the impact (i.e. immediate?, short term?, medium term? continuous), frequency (i.e. once, intermittent or continuous?) and impact reversibility.



	Impacts/Risks Will the project generate the following negative risks/impacts?	Appraisal		Details on nature of impact (Type, source, affected elements, number e.t.c)	Significance <sup>1</sup>			Notes on possible mitigation measures (based on the hierarchy of 'avoid, reduce, mitigate, rehabilitate')
		Yes	No		L	M	H	
2.5	Is there a likelihood of informal traders establishing business at the subproject site? (waste generation and resource depletion, increased safety risk)	✓		population influx increase waste generation	✓			if willingness on waste mg
2.6	Will the works generate solid or liquid wastes? (including human excreta/sewage) If "Yes", does the subproject include a plan for their adequate collection and disposal? Will there be a wash bay?	✓		Will generate construction the project plan waste collection bin	✓			provisionment of waste bin
2.7	Will the works generate hazardous waste?	✓		disposal of oil				dispose waste in oil container
2.8	Will there be any soil or water contamination and degradation of water bodies?	✓		spills oil & fuel	✓			approved disposal use less pollut fuel
2.9	Is there a likelihoods of spillage and increased sediment load into water courses during construction activities and loss of riparian buffers?	✓		spill degrade water quality soil disturbance & excavation work				put soil erosion control measures
2.10	Will the works or operations lead reduced water quality and quantity?		✓	run-off floods				
2.11	De-stabilisation of river banks and or drainage system due to sand mining	✓		river stability leading to erosion	✓			minimize sand extraction
2.12	Based upon visual inspection or available literature, are there areas of possible geologic or soil instability (ranging to: soil erosion, landslide, subsidence, earthquake etc.)?		✓					
2.14	Based upon visual inspection or available literature, are there areas prone to floods, poorly drained, low-lying, or in a depression or block run-off water.		✓	possibility of washed away by floods	✓			use durable material for construction
2.15	Could natural hazards (droughts and floods) exacerbate risk during project construction or operation	✓		possible washed away by flood	✓			use durable material for construction
3.0	Community Health, Safety and Security							
3.1	Will community members be at risk of harm or injury during subproject implementation?	✓		- sharp objects				
3.2	Will activities of the subproject generate traffic safety issues? Both on site and for the adjacent community?		✓					
3.3	Is subproject site located near to schools or other areas of sensitive or vulnerable persons?		✓					
3.4	Is the subproject likely to encounter human-wildlife interactions and/or conflicts?	✓	✓	attract human &				
3.5	Are there informal vendors around the construction site?		✓					



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	Yes	No		L	M	H	
3.6 Is there a risk that the works may damage damage other water infrastructure on site?		✓					
3.7 Will the subproject contribute to increased risk for spread of communicable diseases to the community		✓					
3.8 Would the project workforce, materials and equipment be at any risk from the community and vice versa?	✓		verbalism				
3.9 Considering the social, cultural, governance, and security set up of the surrounding community, would the long term sustainability of the project be at any risk?		✓	will disturb community usual route during construction				→ setting temporary route
3.10 Do the subproject activities (including supporting activities and processes) have potential to disturb the social fabric of the surrounding community?	✓		will disturb community usual route during construction				→ setting temporary route
3.11 Could the subproject lead to discrimination of certain societal groups?		✓					
Could the beneficiary selection be contested?		✓					
<b>4.0 Resettlement and/or Land Acquisition Impacts</b>							
4.1 Will the subproject require new borrow pits, quarries, temporary use of land? E.g. stockpiling, parking, construction camps, etc.		✓					
4.2 Will involuntary resettlement, land acquisition, relocation of property, or loss, denial or restriction of access to land and other economic resources be a result of the rehabilitation of the infrastructures works or any other project activities?		✓					
4.3 Will the construction/ rehabilitation of the infrastructures works or any other project activities result in the permanent or temporary loss of crops, fruit trees, infra-structure (such as granaries, outside toilets and kitchens, livestock shed etc.), and/or business infrastructure (such as permanent stalls).		✓					
4.4 Was the land area required for the subproject subject to a voluntary land donation? If so, were all requirements and proper protocols on this matter followed and respected?		✓					
4.5 Will the subproject activities lead to additional pressure on existing resources and services		✓					
<b>5.0 Impacts on natural habitats, Environmentally Sensitive Areas or threatened species</b>							



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		Yes	No		L	M	H	
5.1	Are there any natural habitats, environmentally sensitive areas or threatened species that could be significantly converted/adversely affected due to the rehabilitation of infrastructures works?	✓		dry distinct habitat for aquatic organism ✓				habitat restoration
5.2	Is the subproject area (or components of it) located within/adjacent to any protected areas designated by government (national park, national reserve, world heritage site etc.) or Key Biodiversity Area, or Community protected area e.g. Community Forest?		✓					
5.3	which protection is required? Is there a possibility that, due to construction and rehabilitation works, any river or lake ecology will be adversely affected? (including natural springs) riverine, woodland and remnant rainforest resulting in more loss of dwindling habitat for endemic and migratory species and contribution to climate change?	✓		cut down trees to be used as log on bridge construction habitat destruction ✓				planting trees habitat restoration
5.4	Could the works affect the rights and welfare of people and their level of dependence upon or interaction with natural resources? E.g. access to river?		✓					
	Could the works trigger any human wildlife conflict?		✓					
6.0	Impacts on historical, archaeological or cultural heritage sites							
6.1	Based on available sources, consultation with local authorities, local knowledge and/or observations, could the works alter any historical, archaeological, cultural heritage traditional (sacred, ritual area) site or require excavation near same?		✓					
7.0	Stakeholder Engagement and Grievance Redress							
7.1	Does any of the project activities have potential to trigger some grievances?	✓		employment issues ✓				promote recruitment local people
7.2	Has input from community members and those who may be affected by the works or any other project activities been sought?	✓		development committees ✓ ADC → VDC consultation ✓				by promoting public participation
7.3	Has the subproject received overall stakeholder support including from vulnerable individuals and marginalized groups?	✓		some members are in ADC ✓ VDC ✓				promote inclusive development
7.4	Has the stakeholder engagement process considered vulnerable individuals and marginalized groups?	✓						



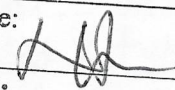

### C. STAKEHOLDER CONSULTATION AND INPUT

No.	Type/Category of Stakeholder	Issue/Concern/comment/suggestion about the project	How it has/will be addressed
	VDC 8 ADC	wanted to know how they are going to be involved in the project	To be included in the project management
	Service committees	financial mgmt	To be involved in project supervision & financial reports

### D. OVERALL EVALUATION AND DETERMINATION OF TYPE OF ENVIRONMENTAL AND SOCIAL SAFEGAURDS INSTRUMENTS TO BE DEVELOPED.

The result of the screening process would be either the proposed sub - projects would be exempted or subjected to further environmental and resettlement assessment. The basis of these options is listed in the table below:

No.	ENVIRONMENTAL INSTRUMENTS	Tick	SOCIAL INSTRUMENTS	Tick
	1. The project is cleared. No serious impacts. (When all scores are "No" in form)	<input checked="" type="checkbox"/>	1. The project is cleared. No serious social impact. (Where scores are all "No", "Low" in form)	<input checked="" type="checkbox"/>
	2. There is need for further assessment. (when some score is "Yes, High" in form)	<input type="checkbox"/>	2. There is need for resettlement/compensation. (When some score is "Yes, High" in form)	<input type="checkbox"/>
	Need to Prepare a Full ESIA? (If project found to fall under the prescribed list)	<input type="checkbox"/>	3. Need to prepare Resettlement Action Plan - RAP?	<input type="checkbox"/>
	3. Need to prepare ESMP? ('Yes' and 'High' scores)	<input checked="" type="checkbox"/>	Need to Prepare a Stakeholder Engagement Plan?	<input type="checkbox"/>

Endorsement by Environmental District Officer		Endorsement by Director of Planning and Development	
Name	Nelson Kundukuma	Name:	Emmanuel Solaya
Signature:		Signature:	
Date	04/02/24	Date:	04/02/24

#### NOTES:

- The DPD shall ensure that a completed form is filed within project file immediately after endorsement. EDO should keep a duplicate.
- Project Management Committee will maintain a copy of completed form
- This is just a screening form and not an ESMP. Once the appropriate Instrument (s) to be developed is/are determined using this form, the Local Authority should proceed to develop it accordingly and submit a copy to the NLGFC for review and clearance processing.