

**ANNEXURE: Generic ESMP for the project “Improved Road infrastructure and market access in Immit Valley”**

Ph.	Topic	Measure	Means of Verification	Responsibility	Monitoring procedure
Planning Phase	Stakeholder Consultations	<ul style="list-style-type: none"> <li>Various stakeholders were involved during project site identification. Major stakeholders include community, PWD, Public works department of Gilgit-Baltistan</li> </ul>	Photographs	AKAHP	Check meeting pictures
	Grievance Mechanism	<ul style="list-style-type: none"> <li>Grievances of the communities if any arises will be resolved through AKAHP’s standard grievance redressal mechanism.</li> </ul>	Grievance Mechanism	AKAHP	Review of grievance register
	Occupational Health & Safety	<ul style="list-style-type: none"> <li>A clause will be added in the agreement of contractor to implement OH&amp;S measures.</li> </ul>	Agreement/Project documents	AKAHP	Monitor by AKAHP
	Natural Habitats / Biodiversity	<ul style="list-style-type: none"> <li>Activities are designed in a way to minimize impact on natural habitat</li> </ul>	Site Observations Photographs	AKAHP	Site inspections
Implementation / Construction	Grievance Mechanism	<ul style="list-style-type: none"> <li>Document all grievances from workers, communities and other stakeholders formulated on a register along with the responses given. Anonymity, if required, shall be guaranteed.</li> </ul>	Grievance Mechanism	AKAHP	Review of grievance register
	Labour Conditions	<ul style="list-style-type: none"> <li>Ensure minimum labour conditions (child labour, forced labour, non-discrimination) required by Country Laws and ILO Conventions</li> <li>As a minimum, first aid kits need to be available on every construction site.</li> <li>Emergency services (next hospital, health center or doctor) needs to be identified and made available to workers in case of need</li> </ul>	Grievance Mechanism	Contractor	Inspection reports

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	Occupational Health & Safety	<ul style="list-style-type: none"> <li>Contractor will be sensitized on OHS</li> <li>Contractors will provide and install adequate road signage showing construction work in visible places for the people to see.</li> <li>Adequate sanitation and hygiene systems will be maintained by the contractor in the construction site to reduce or control the spread of diseases.</li> <li>Close supervision of the workers to ensure that they are putting on personal protective equipments</li> </ul>	Site Observation Photographs	Contractor/ AKAHP	Monitor by AKAHP and contractor
	Emissions (dust, noise, gases)	<ul style="list-style-type: none"> <li>Road surfaces, excavation and construction sites will be kept moist for dust control.</li> <li>Trucks carrying earth, sand or stone will be covered with tarpaulin sheets to avoid spilling.</li> <li>No construction contractor's mechanical and electrical equipments will be established near water bodies.</li> <li>Using equipment and vehicles in appropriate technical conditions.</li> <li>Ensure vehicles and equipment are switched off when not in use.</li> </ul>	Observations Photographs	Contractor	Random site inspection, inspection of roads
	Noise and vibration impacts	<ul style="list-style-type: none"> <li>Keep noise sources away from the communities and sensitive ecosystems</li> <li>Timing of construction during daytime to avoid disturbance to nearby communities at night</li> </ul>	Grievance Mechanism	Contractor	Random site inspection, Review of filed grievances, review of timesheets of workers

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	Soil and groundwater contamination	<ul style="list-style-type: none"> <li>• Prohibit disposal of excavated spoils and debris into river water.</li> <li>• Anychemicals and oil will be stored away from water and concreted platform with catchments pits for spills collection.</li> <li>• All wastes arising from the construction sites will be disposed in an environmentally accepted manner. Wastes will be collected stored (e.g. waste oil, lubricants, and paints) prior to disposal or transported to the approved disposal sites.</li> <li>• No vehicle or equipment will be washed, parked or refueled near river water</li> <li>• No untreated sanitary waste water will be discharged into the river water.</li> <li>• Construction waste and debris will be either reused if possible or disposed off in proper designated locations.</li> <li>• Construction sites will be provided with proper waste management facilities such as waste bins and earthen pits.</li> <li>• All waste fuel, oils, lubricants etc. will be stored separately and sold to or given for relevant recycling use.</li> </ul>	Dedicated storage areas in place Waste	Contractor	Random site inspection
	Soil Management	<ul style="list-style-type: none"> <li>• Soil erosion will be controlled by applying engineering techniques.</li> <li>• Reinstatement of construction working area to the best possible after construction activities are completed.</li> <li>• If construction takes place on inclined surfaces/slopes, ensure preventive erosion control measures are applied</li> </ul>	Topsoil stored and re-used	Contractor	Random site inspection

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Implementation / Construction	Water Resources Protection	<ul style="list-style-type: none"> <li>Reuse wastewater wherever feasible.</li> <li>Restrict/avoid excavation activities during periods of intense rainfall.</li> <li>Use temporary bunding to reduce the risk of sediment, oil or chemical spills to the receiving waters, where possible</li> <li>Carry out excavation works in cut off ditches to prevent water from entering excavations.</li> <li>Existing natural drainage system, including irrigation channels will not be disturbed. In addition, adequate cross drainage structures will be provided to facilitate natural flow of water across road embankment.</li> </ul>	Observation	Contractor	Random site inspection, Project planning documents
	Community Health & Safety	<ul style="list-style-type: none"> <li>Prevent physical access to the site fencing and/or guarding during construction and use appropriate signage</li> <li>Find alternative routing in case of unexpected exposition to external conditions that would put at stake the integrity of the road and endanger the users of the road.</li> <li>Inform site users, community leaders, authorities (informal/official) during stakeholder meetings about access restrictions.</li> </ul>	Access controlled, Observations. Training attendance lists Grievance Mechanism	AKAHP and Contractor	Random site inspection
	Community Health & Safety / Traffic Safety	<ul style="list-style-type: none"> <li>Consider best practices for road construction:</li> <li>Stabilize slopes by planting vegetation where possible.</li> <li>Schedule traffic activities to avoid peak hours on local roads if feasible.</li> </ul>	Site Observations	Contractor	Site inspections

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	Biodiversity and Natural Habitats	<ul style="list-style-type: none"> <li>Any activity such as blasting causing huge disturbance should be minimized and in place it mechanical excavation should be preferred.</li> <li>Identification of rest areas with garbage cans and toilet facilities to discourage indiscriminate stopping along the roadside and littering, where possible.</li> </ul>	Observation	Contractor	Random site inspection
	Social and Culture	<ul style="list-style-type: none"> <li>The contractors should ensure that their labour should not be engaged in any culturly unethical activities</li> </ul>	Grievance Mechanism	Contractor/ AKAHP	review of filed Grievance
Operation	Community Health & Safety	<ul style="list-style-type: none"> <li>Implement good practices for traffic safety:</li> <li>Provide speed bumps or similar device to reduce speed in villages or populated areas.</li> <li>Dangers of the road must be communicated to users by adapting signage."</li> </ul>	Site Observations Photographs	Contractor	Random site inspection
	Biodiversity and Natural Habitats	<ul style="list-style-type: none"> <li>Plants planted during the project will reduce impacts throughout life of road.</li> </ul>	Site observation Photographs	AKAHP	Random site inspection

### Generic Stakeholder Engagement Plan for project *“Improved road infrastructure and market access in Immit Valley”*

Different stakeholders were consulted, engaged during planning phase of the project and these stakeholders will be engaged also during construction and operational phase of the project. The most important stakeholders are district authorities, union councils and local communities including local support organizations. The initial discussions and engagement during the project will be to ensure project is implemented in best interest of the communities while avoiding, minimizing and mitigating negatively impacts on environment. The project from onset required an NOC (issued) from District Administration Ghizer, to undertake any development work in Immit valley. Meetings have also taken place with communities and their representatives to discuss their role, participation, labor works and other opportunities as arising from project and sustainability mechanism of project. A formal agreement for their role and contribution/participation will be signed between AKAHP and communities and also a formal agreement will be signed between AKAHP and Gilgit-Baltistan Public Works Department (PWD) for proper maintenance and sustainability of the project at operational stage.

#### Engagement Activities

Following activities will be carried out throughout the project:

Stakeholder	Phase of project	Method
District Administration	Planning	Formal meetings for Consultation and sharing project details and application seeking project NOC
Village Council Chairman	Planning	Formal meetings for Consultation and sharing project details and role/responsibilities of community
Local Communities	Planning and construction	Meeting and discussions with representatives of beneficiary communities, sharing project details and discussing their role.
Local Communities	Operation phase	Sharing of handing over certificate and signing ToP/agreement
District Administration	Operation phase	Formal meeting for Project Handover and signing of agreement for sustainability and maintenance of the project