

Environmental & Social Screening Checklist

Instructions:													
<p>Environmental and Social Focal Persons (ESFPs)¹ nominated by the MCs for PCP environmental and social management, will use this checklist in field for environmental and social screening and categorization of each and every sub-project proposed to be executed under the Program.</p> <p>Deputy Program Officers-Environmental and Social Management deputed by PMDFC in regional offices will technically assist and support the ESFPs/MCs in filling in of this Checklist</p> <p>It is to be attached with the main document² of sub-projects at planning stage and will be duly signed by the relevant ESFP and endorsed by the respective DPO-ESM</p> <p>This checklist focuses on environmental issues and social concerns. To ensure that social dimensions are adequately considered, Involuntary Resettlement Screening Checklist will also be used</p> <p>(iii) The purpose of this E&S Screening Checklists is to identify potential “Negative” impacts of environmental and social attributes or to enhance the existing environmental & social benefits. Use the “remarks” section to discuss any anticipated mitigation measures.</p>													
Name of ESFP:	Shahrukh Arif MOI, M. Asad MOP												
Name of MC:	MC Gojra												
Sub-Project Sector:	Roads of Gojra												
Sub-Project Title:	Rehabilitation of P-1 Gojra Toba Road near Railway Chowk, Toba Tek Sigh 3.1 km												
Sub- Project Categorization:	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">E-1</td> <td style="width: 25%; text-align: center;"><input type="checkbox"/></td> <td style="width: 25%;">S-1</td> <td style="width: 25%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>E-2</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>S-2</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>E-3</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>S-3</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	E-1	<input type="checkbox"/>	S-1	<input type="checkbox"/>	E-2	<input checked="" type="checkbox"/>	S-2	<input checked="" type="checkbox"/>	E-3	<input type="checkbox"/>	S-3	<input type="checkbox"/>
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E-3	<input type="checkbox"/>	S-3	<input type="checkbox"/>										
Date of Screening:	16/11/2022												
Anticipated Project Activities	<ul style="list-style-type: none"> Geometric Improvement Asphalt Pavement Tuff Pavement on Shoulders Pavement Marking Street Lighting Improvement of drainage system 												
Estimated Cost of Subprojects as per PC-1:	<p>215.264 million PKR – PC1</p> <p>Estimated Cost of ESMP 1333000/-PKR</p>												
Completion Time/Duration	3 Months												
Estimated Labor for Subproject	20-25												

¹ In all MCs, ESFPs are notified by Local government; MO (I&S) are focal persons for environmental sector and MO(P) are focal persons for social sectors.

² It is meant as PC-I and/or engineering estimates of sub-project

Screening Questions	Yes	No	Remarks
A. Project Siting Is the Sub-Project area adjacent to or within any of the following:			
Environmentally sensitive areas?			
Legally protected Area		✓	<p>The road to be rehabilitated is a commercial or central business area surrounded by multiple shops, small food outlets, banks and so on. It doesn't come under any environmental sensitive area category. Details are shown hereunder:</p> <ul style="list-style-type: none"> • Not a legally protected area • No surface body found within 250 meters of the proposed project. • No estuary and coastal water body found in the project area • Not a protected area for biodiversity • Not a buffer zone or having mangroves or manmade forest or any other area of environmental importance that sought special attention or measures.
Any surface water body (river, canal, stream, lake, wetland) within 250 meter of the proposed sub project ³		✓	
Estuarine		✓	
Special area for protecting biodiversity		✓	
Buffer zone of protected area		✓	
Mangroves Forest		✓	
Man-made forest /game reserve, orchid /crops or any other area of environmental importance			
Socially sensitive /important areas/communities/ people?			
PCRs and or any site of cultural/religious importance (Graveyard, Shrine, Mosque, Church, <i>Gordwarah</i> , Temple, Fort, archeological/historical site) within 100 m of the proposed subproject ⁴	✓		Mosque and Church were observed within 100 m of the proposed sub-project but these will not be affected by the project activities. Mitigation measures will be provided in the ESMP
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meter of the proposed sub project ⁵	✓		Educational institutes were observed within 100 meters of project site. However, the probability of any negative impact to these sensitive receptors owing to project activities is low.
Any graveyard of local community (Muslims or Christians)		✓	Graveyard of any local community isn't present at the proposed project site
Any demographic or socio-economic aspects of the sub-project area that are already vulnerable (e.g., high incidence of marginalized populations, rural-urban migrants, illegal settlements, squatters, ethnic minorities, people with disabilities, people in old age, socially isolated segments ⁶ of the society and women or children)?		✓	It's a small scale project regarding rehabilitation of existing road surface. Hence, no demographically or socio-economically vulnerable aspects of the sub-project were observed.
Already existing infrastructure ⁷ (including public amenities) which may be required to dismantle or may be affected temporarily by any means?		✓	The land belongs to MC and all sub-project activities will be carried out there. Similarly, existing road is to be rehabilitated hence, portable items of the shopkeepers will be relocated temporarily. Encroachment in the form of 17 structures was observed in the form of cemented floors, tuft tiles pavements and footsteps that would be dismantled before execution phase. Moreover, one weigh station owned by MC Gojra is over there which covers some portion of the road that

Screening Questions	Yes	No	Remarks
			will be covered by tuff pavement through design change to avoid dismantling. For the compensation of loss of 17 structures, a detailed ARAP will be developed. 20 Electric poles will be shifted as per information given in the PC-I
B. Potential Environmental Impacts Will the Sub-Project cause...			
Disturbance to habitats/biodiversity of environmentally sensitive or protected areas?		✓	The proposed project site doesn't have any environmentally sensitive or protected areas.
Cutting of trees?		✓	No tree cutting is required as per scope of work under Sub-Project.
Disruption to habitats/biodiversity of surrounding ecosystem/environment?		✓	No disruption to any habitat/ecosystem due to any Sub-project activities.
Generation of wastewater during construction or operation?		✓	No wastewater generation is anticipated as per scope of work during execution and operational phase.
Pollution of surface water/ground water due to wastewater discharge from construction site or due to direct/indirect disposal of waste water?		✓	No such impact on surface and ground water is anticipated owing to project execution phase.
Alteration of surface water hydrology of waterways resulting in increased sediment in streams/rivers or due to increased soil erosion at construction site?		✓	No alteration of any waterway involved in the scope of Sub-Project.
Deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?		✓	No labor camps are required to be established as per limited work activities under Sub-Project. However, EHS SOPs developed by PMDFC will be strictly ensured to be followed
Over pumping of ground water, leading to salinization and ground subsidence?		✓	Over pumping of ground water is not required for this sub project.
Serious contamination of soil due to construction works?		✓	No such impact is expected as per scope of work
Aggravation of solid waste problems in the area?	✓		No such impact is expected as per scope of work. However, mitigation plan is proposed to tackle generated waste.
Generation of hazardous waste?		✓	Not envisaged
Increased air pollution due to sub-project construction and operation?	✓		Suspended dust particles during execution phase might pollute the surrounding air. Hence, water sprinkling at the site is proposed.

³ Ibid.

⁴ According to Environmental Assessment Guidelines adopted by Punjab EPA

⁵ Ibid.

⁶ due to caste, creed, religion or gender e.g. transgender

⁷ Sewerage /Drainage system, Water supply lines, tube-wells, WAPDA/Telephone transmission lines/electric poles, Railway tracks, Gas pipelines, Roads, Shops/Plazas, Banks, Industry, Disposal stations etc.

Screening Questions	Yes	No	Remarks
Noise and vibration due to sub-project construction or operation?	✓		Minor impact of noise and vibration owing to movement of heavy vehicles is envisaged during execution phase.
Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?		✓	No such impact is anticipated as probability of liquid waste is low. However, waste bins at the site would be placed for storage of organic waste if any.
Use of chemicals during construction?		✓	In the light of sub-project scope, no hazardous chemical will be used during execution phase.
C: Potential Social Impacts			
Will the Sub-Project cause...			
Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		✓	No damage or loss to PCR's is expected due to this sub project.
Displacement or involuntary resettlement of people? (physical displacement and/or economic displacement) (If "Yes", please also fill Involuntary Resettlement Screening Checklist)		✓	No significant displacement/ any sort of resettlement/ economic loss is envisaged due to any Sub-Project interventions. However, minor encroached surfaces of shops might be dismantled during execution phase. Hence, ARAP to compensate the economic losses would be prepared.
Disproportionate impacts on the poor, women and children and or other vulnerable groups ⁸ (mentioned above)?		✓	No Disproportionate impacts on the poor, women and children and or other vulnerable groups are anticipated during execution phase
Temporary impediments in movements of people/transport and animals?	✓		There will be temporary hindrance in the movement of traffic and pedestrians during execution phase of the project. Nearby shop owners have been informed during public consultation phase.
Large population influx during sub-project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?		✓	It's a small-scale time framework project so population influx or increased burden on social infrastructure and services will not be effected.
Social conflicts if workers from other areas are hired?		✓	Preference will be given locals for work to avoid any conflict.
Risks and vulnerabilities related to occupational health and safety (OHS) due to physical, chemical, biological, and radiological hazards during project construction and operation?	✓		Measures would be taken to address or alleviate the probability of OHS risk during execution phase through administrative controls. However, stringent SOPs regarding actualization of PPEs during execution phase will be implemented at the proposed project site.

⁸ Women, Children, Women headed households, People in old age, people having disabilities, socially isolated community groups and or people living below the poverty line

Screening Questions	Yes	No	Remarks
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?		✓	Likelihood of such risks and hazards is low as per the scope of the project.
Community safety risks due to both accidental and natural causes, 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?	✓		To avoid unfortunate events, site safety should be implemented in true spirit in the form of signages, reflective tapes awareness boards by the contractors and so on.
Any impact on sensitive receptors (mentioned above)		✓	No significant impact is anticipated during execution phase. However, water sprinkling would be ensured to tackle the suspended dust particles.
Any impact of negative nature on already existing infrastructure including public amenities	✓		There is no major significant impact expected to any public infrastructure owing to project activities except the only weigh station that covers some of the road portion. Moreover, minor encroached areas might be affected during construction of storm water drain and affected persons (APs) will be compensated for that through ARAP. In addition, access to business would be temporarily disturbed; already informed during public consultation phase. In the long run, this project is in the favor of local community and they are willing to cooperate and wanted MC to get this project completed in a timely manner.

Prepared By:

Name: Haider Ali

Designation : Consultant

Signature:



Date: 16-11-2022

Reviewed By:

Name: Asif Gillani

Designation DPO PMDFC

Signature:

Date:

Endorsed By:

Name:

Designation MOI&S

Signature:

Date:

INVOLUNTARY RESETTLEMENT SCREENING CHECKLIST

Name of City/MC/LG: MC Gojra

ESFP: Asad MOP

Sub-Project Sector: Roads

Sub-Project Title: Rehabilitation of Gojra-Toba Road

Sub- Project Categorization: S-1 S-2 S-3

Date of Screening: 16 -11-2022

SECTION I	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No	✓			Land acquisition is required for this project. Ramps and footsteps are found within RoW and to be dismantle for which an ARAP will be developed to compensate the loss of structures. One weight station owned by MC but further on lease which will not be dismantled or shifted rather design change will cover that portion with tuff pavements.
If yes, then describe the type of land being acquired from the categories below:				
Has any AED been conducted at the proposed location by the government? Yes/No		✓		No AED has been conducted at the proposed project location by MC and it was confirmed during public consultation
Land (Quantify and describe types of land being acquired in “remarks column”.		✓		Not applicable
Government and LG owned land free of occupation (agriculture or settlement)		✓		Sub-project site under possession of MC and free from all sort of settlements. Shops for commercial activities over there also belong to MC Gojra.
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		✓		
Private land		✓		
Residential		✓		
Commercial		✓		
Agricultural		✓		
Communal		✓		
Others (specify in “remarks”).		✓		
Name of owner/owners and type of ownership		✓		MC Gojra owns the land

SECTION I	Yes	No	Expected	Remarks
document if available.				for Sub-Project.
If land is being acquired, describe any structures constructed on it		✓		Ramps and footsteps are found within RoW and to be dismantled for which ARAP will be developed to compensate the loss of structure
Land-based assets:				Not Applicable
Residential structures		✓		
Commercial structures (specify in "remarks")		✓		
Community structures (specify in "remarks")		✓		
Agriculture structures (specify in "remarks")		✓		
Public utilities (specify in "remarks")		✓		Ramps and footsteps are found within RoW and to be dismantled
Others (specify in "remarks")		✓		Not applicable
If agricultural land is being acquired, specify the following:				The proposed project site is a commercial zone and belongs to MC Gojra. Hence, no agriculture land is required under sub-project.
Agriculture related impacts		✓		Not Applicable
Crops and vegetables (specify types and cropping area in "remarks").		✓		
Trees (specify number and types in "remarks").		✓		
Others (specify in "remarks").		✓		
Affected Persons (APs)			✓	No significant impact to APs. Only encroached footsteps and cemented structure need to be dismantled owing to project activity, which will be compensated through ARAP before start of civil work.
Will any people be displaced from the land when acquired? Yes/No		✓		Not Applicable
Number of APs		✓		
Males		✓		
Females		✓		
Titled landowners		✓		
Tenants and sharecroppers		✓		
Leaseholders		✓		
Agriculture wage laborers		✓		
Encroachers and squatters (specify in remarks column)			✓	No squatters observed. Encroached structures would be compensated. Displayed portable items

SECTION I	Yes	No	Expected	Remarks
				outside the shops can be moved and for that no compensation is required. This aspect has been discussed during public consultation phase.
Vulnerable APs (e.g. women headed households, minors and aged, orphans, disabled persons, and those below the poverty line). Specify the number and vulnerability in “remarks”.		✓		No vulnerable APs identified.
Others (specify in “remarks”)		✓		Not applicable
How will people be affected?			✓	Construction of storm water drain can temporarily disturb the business activities. This aspect has been covered and communicated to the public during public consultation phase and mitigation provided in the ESMP.

¹ The sub-projects have to avoid all locations where any government led AED has been conducted.

Prepared By:

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Date: 16-11-2022



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Pictures of Project Siting





