

Environment & Social Screening Checklists

Name of ESFP: Hafiz Talat MOI Shoaib Sheikh MOP

Name of MC: Okara

Sub-Project Sector: Roads

Sub-Project Title: Improvement of Road from Tank Chowk to Akbar Chowk along Canal Road 1.88 km

Sub- Project Categorization: E-1 S-2

Date of Screening: 01.11.2022

Estimated Cost of Subproject: 98.33 Million

ESMMP of IEE Implementation Cost: PKR1,333,000/-

Tentative Completion Time/ Duration: 6 Months

Estimated Labor for Subproject: 10-15

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		✓	No legally protected areas i.e. wildlife sanctuary, national park or game reserve exist within or near the project area
Any surface water body (river, canal, stream, lake, wetland) within 250 meter of the proposed sub project ³	✓		A canal is flowing at right side along the road and surface water may be affected if solid waste or excavated material may be disposed off into it during project activities. Due to removal of existing road surface containing bitumen if not disposed of properly along with other debris may pollute canal water. All the construction waste shall be removed within 24 hours to a MC designated site to avoid contamination and contractor will be instructed to sensitize the labor/construction workers to avoid throwing any trash/garbage in the water body
Estuarine		✓	No estuarine within or near the project area
Special area for protecting biodiversity		✓	No ecological significant habitat exists within or near the project area
Buffer zone of protected area		✓	No protected area exists in the vicinity of the subproject area
Mangroves Forest		✓	No mangrove forest is located near the project area

Man-made forest /game reserve, orchid/ crops or any other area of environmental importance	✓		There are 53 mature trees on both sides of canal road but no tree will be required to cut or uprooted as vacant space is available for the widening and raising of road and where trees are present, they will be conserved by tuff pavement along their surface.
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		✓	No PCR was noted within or near the subproject area
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meter of the proposed sub project ⁵	✓		There are 05 schools along the entire stretch of road, where educational activities may be affected due to traffic hinderance during the construction. Ramps of three schools (Allied School, The Knowledge school and Dar-e-Arqam) will be partially affected due to widening of road. It will be advised to implement traffic management plan during construction and ensure safety of children by applying SOPs related to construction safety while executing activities near schools. Further it will be required to monitor noise levels of machinery and equipment to keep them within safe limits.
Any graveyard of local community (Muslims or Christians)		✓	No graveyard
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)?		✓	No vulnerable group exists within the sub-project area

Already existing infrastructure ⁷ (including public amenities) which may be required to dismantle or may be affected temporarily by any means?	✓	The ramps, tough paver ramps of 03 schools will have to be dismantled. Further, 01 electric pole will also have to be relocated. A separate ARAP will be developed for compensation of Affected Persons.
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B. Potential Environmental Impacts

Will the Sub-Project cause...

1. Disturbance to habitats/ biodiversity of environmentally sensitive or protected areas?	✓	No sensitive habitats or protected area exist in the subproject area
2. Cutting of trees?	✓	There are 53 mature trees on both sides of canal road but no tree will be required to cut or uprooted.
3. Disruption to habitats/ biodiversity of surrounding ecosystem/ environment?	✓	Cutting of trees can disturb the associated fauna.
4. Generation of wastewater during construction or operation?	✓	No separate establishment of contractor's camp is anticipated so no waste water would be generated during construction
5. Pollution of surface water/ground water due to wastewater discharge from construction site or due to direct/indirect disposal of waste water?	✓	No waste water will be generated due to subproject interventions
6. 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 surface water hydrology due to subproject interventions
7. Deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camp and chemicals used in construction?	✓	No deterioration of surface water quality due to subproject interventions
8. Over pumping of ground water, leading to salinization and ground subsidence?	✓	No over pumping of groundwater will be required for the subproject

9. Serious contamination of soil due to construction works?	✓	Due to use of chemicals (asphalt, oil/ fuel) and movement of project machinery there are chances of soil contamination which will be mitigated by avoiding spill of oil/ fuel and safe use of coal tar to avoid soil contamination
10. Aggravation of solid waste problems in the area?	✓	Due to widening of existing road there are chances of aggravation of construction waste in the project area, which may cause hindrance in the movement of local people. All generated waste will be required to be removed daily to an environmentally safe waste dumping site immediately
11. Generation of hazardous waste?	✓	Bitumen mixed solid waste will be generated as a result of dismantling of road that would be harmful if not properly disposed of. The excavated materials would be disposed of as per approval of the supervision engineer
12. Increased air pollution due to sub-project construction and operation?	✓	Due to project interventions, it is anticipated that ambient air of the project area may be temporarily affected due to dust emissions and smoke generated from project vehicles and machinery. Water sprinkling will be required to be done periodically on daily basis and contractor will have to keep his machinery and equipment well-tuned to avoid smoke emissions

13. Noise and vibration due to sub-project construction or operation?	✓	Noise produced from machinery operating at project site may cause disturbance to residents and workers. Contractor will be required to use new machinery to avoid noise emissions. Contractor will provide ear plugs/ muffs to workers near noise producing machinery and shall monitor noise levels periodically throughout the day during construction works.
14. Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?	✓	No temporary breeding habitats will be developed due to sub project interventions
15. Use of chemicals during construction?	✓	Due to use of chemicals (asphalt, oil/ fuel) and movement of project machinery there are chances of soil contamination which will be mitigated by avoiding spill of oil/ fuel and safe use of coal tar to avoid soil contamination
C: Potential Social Impacts		
Will the Sub-Project cause...		
1. Impairment of historical/ cultural areas; disfiguration of landscape or potential loss/ damage to Physical Cultural Resources (PCRs)?	✓	There will be no damages to Physical Cultural Resources (PCRs)
2. Displacement or involuntary resettlement of people? (physical displacement and/ or economic displacement) (If "Yes", please also fill Involuntary Resettlement Screening Checklist)	✓	The tough paver ramps of 03 schools will have to be dismantled. Further 01 electric pole will also have to be relocated.
3. Disproportionate impacts on the poor, women and children and or other vulnerable groups 8(mentioned above)?	✓	There will be no disproportionate impacts on the poor, women and children and or other vulnerable groups due to subproject

<p>4. Temporary impediments in movements of people/transport and animals?</p>	<p>✓</p>	<p>Due to project interventions, there will be temporary impediment in the movement of local people which will be managed by working in patches so as to provide alternate passage way on other side and dump construction in a way that does not interfere with the commutation of local community and passersby. Traffic Management Plan approved by the MC will be inserted at the prominent place to avoid hinderance in the mobility of vehicles</p>
<p>5. 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)?</p>	<p>✓</p>	<p>There will be no population influx during sub-project execution</p>
<p>6. Social conflicts if workers from other areas are hired?</p>	<p>✓</p>	<p>Local workers will be hired.</p>
<p>7. Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation?</p>	<p>✓</p>	<p>Workers will be provided PPEs, and trainings will be imparted to them regarding their use. Site related OHS guidelines shall be displayed at site and will be implemented by the contractor and supervision consultant will monitor its implementation at site</p>
<p>8. Risks to community cost due to the transport, storage, and use and/ or disposal of materials such as explosives, fuel and other chemicals during construction and operation?</p>	<p>✓</p>	<p>Construction material will be transported to site while covered with tarpaulin to avoid impact on community. Oil/ fuel will be transferred safely at a workshop or fuel station to avoid risk.</p>

9. 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?	✓	Entrance to working site will be restricted by installing barricade tape. Safety/ caution sign boards will be erected and flag men will be appointed to control traffic and keep irrelevant persons away from project site
10. Any impact on sensitive receptors (mentioned above)	✓	There are 5 schools along the entire stretch of road, where educational activities may be affected due to project interventions. It will be advised to implement traffic management plan during construction and ensure safety of children by applying SOPs related to construction safety while executing activities near schools. Further it will be required to monitor noise levels of machinery and equipment to keep them within safe limits
11. Any impact of negative nature on already existing infrastructure including public amenities	✓	The tough paver ramps of 03 schools will have to be dismantled. Further, 01 electric pole will also have to be relocated.

Prepared By: Name: Dr. Ashraf Bodla Designation: Chief Environmentalist MMP Signature: Date:	Endorsed By: Name: Hafiz Tallat Designation: MOI&S Signature: Date:
Reviewed By: Name: Designation: Signature: Date:	

INVOLUNTARY RESETTLEMENT SCREENING CHECKLIST

Name of City/MC/LG: Shoib Sheikh MOP Add charge

Sub-Project Sector: Road

Sub-Project Title: Improvement of Road from Tank Chowk to Akbar Chowk, Okara (Canal Road)

Sub- Project Categorization: S-2

Date of Screening: 01-11-2022

SECTION-1	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		✓		Existing RoW of the road will be used for road widening
If yes, then describe the type of land being acquired from the categories below:		✓		No land acquired for this sub project
Has any AED been conducted at the proposed location by the government ¹ ? Yes/No		✓		No AED been carried out at the proposed location as also confirmed by local community during public consultation
Land (Quantify and describe types of land being acquired in "remarks column".				-
Government and LG owned land free of occupation (agriculture or settlement)	✓			Road already exists and land is owned by the local government
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		✓		No land acquired for this sub project
Private land		✓		No land acquired for this sub project
Residential		✓		No land acquired for this sub project
Commercial		✓		No land acquired for this sub project
Agricultural		✓		No land acquired for this sub project

SECTION-1	Yes	No	Expected	Remarks
Communal		✓		No land acquired for this sub project
Others (specify in "remarks").		✓		Road already exists and land is owned by the local government
Name of owner/owners and type of ownership document if available.		✓		Road already exists and land is owned by the local government
If land is being acquired, describe any structures constructed on it		✓		No land acquired for this sub project
Land-based assets:		✓		No land base assets exist within RoW of road
Residential structures		✓		No residential structure exists within RoW of the road
Commercial structures (specify in "remarks")		✓		No commercial structures are extended within RoW of the road
Community structures (specify in "remarks")		✓		No community structures exist within RoW of the road
Agriculture structures (specify in "remarks")		✓		No agriculture land exists within RoW of the road
Public utilities (specify in "remarks")	✓			Some portions of the road will remain closed for public use
Others (specify in "remarks")				-
If agricultural land is being acquired, specify the following:				-
Agriculture related impacts				-
Crops and vegetables (specify types and cropping area in "remarks").		✓		No agriculture land acquired for this sub project
Trees (specify number and types in "remarks").			✓	53 mature trees of shashum, bakain, keekar and Sufaida etc. are

SECTION-1	Yes	No	Expected	Remarks
				growing within the RoW but outside of COI. No tree cutting is involved.
Others (specify in "remarks").		✓		No land acquired for this sub project
Affected Persons (APs)	✓			03 persons will be affected during the implementation of Sub Project
Will any people be displaced from the land when acquired? Yes/No		✓		No land acquired for this sub project One mobile vendor and 3 fruit kiosks would be temporarily relocated on the other side of the road. Public consultation was carried out with them and they showed their consent on it as on shifting towards the other bank of the same road, there will be no economic loss in terms of their daily selling.
Number of APs	✓			03 enterprises (schools) will be affected during the implementation of Subproject in terms of loss of their structures (ramps) and for their compensation, ARAP is developed
Males				-
Females				-
Titled landowners				-
Tenants and sharecroppers				-
Leaseholders				-
Agriculture wage laborers				-
Encroachers and squatters (specify in remarks column)	✓			The ramps/floors of 03 enterprises extended within RoW of the road which

SECTION-1	Yes	No	Expected	Remarks
				need to be demolished. For the compensation of 03 structures, ARAP is developed
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".		✓		Not involved in this project
Others (specify in "remarks")				-
How will people be affected?				Ramps, of the 03 schools will be affected for which ARAP is developed

Prepared By: Name: Saqib Mehmood Designation: Social Safeguards Specialist MMP Signature: Date:	Endorsed By: Name: Shoaib Sheikh Designation: MOP Signature: Date:
Reviewed By: Name: Designation: Signature: Date:	