

ENVIRONMENTAL AND SOCIAL SCREENING CHECKLIST

Instructions:

Environmental and Social Focal Persons (ESFPs) nominated by the MCs for PCP environmental and social management, will use this checklist in field to support the environmental and social screening and categorization of each and every sub-project proposed to be executed under the Program.

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

It is to be attached with the main document of sub-projects at planning stage and will be duly signed by the relevant ESFP and endorsed by the respective DPO-ESM

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

(iii) Answer the questions assuming the “without mitigation” case. The purpose is to identify potential impacts. Use the “remarks” section to discuss any anticipated mitigation measures

Name of Enumerator/ESFP: Shahrukh Arif MOI & S, M. Asad MOP

Name of City/MC/LG: MC Gojra

Sub-Project Sector: Roads of Gojra

Sub-Project Title: Rehabilitation of Mission & Mongi Road near Railway Chowk, Toba Tek Singh 1.57 km

Sub- Project Categorization:	E-1	<input type="checkbox"/>	S-1	<input type="checkbox"/>
	E-2	<input type="checkbox"/>	S-2	<input type="checkbox"/>
	E-3	<input checked="" type="checkbox"/>	S-3	<input checked="" type="checkbox"/>

Date of Screening: 16-11-2022

Anticipated Project Activities:

- Base-Sub-Base Overlay
- Asphalt Pavement
- Tuff Pavement on Shoulders
- Signage/Direction Boards
- Median Development
- R&M of existing green belts
- Road Lights

Estimated Cost of Sub-Project as per PC-1: 142.17 (PKR million)

Approx. Completion Time: 03 Months

Estimated Labor for Sub-Project: 25-30

Screening Questions	Yes	No	Remarks
A. Project Siting			
Is the Sub-Project area adjacent to or within any of the following?			
Environmentally sensitive areas?			
Cultural heritage site		✓	No cultural heritage site observed within 250 meters of periphery of Sub-Project.
Legally protected Area (core zone or buffer zone)		✓	No legally protected area exists within 250 meters of radius of sub-Project.
Any surface water body (river, canal, stream, lake, wetland) within 250 meters of proposed project?		✓	No surface body observed nearby sub-Project location.
Mangrove Forest		✓	No mangrove forest observed.
Estuarine		✓	No estuarine exists in Sub-Project proposed scope of work.
Special area for protecting biodiversity		✓	No protected area or buffer zone lies within peripheral zone of sub-Project.
Buffer zone of protected area		✓	
Man-made forest /game reserve, orchid/crops or any other area of environmental importance		✓	No forest/crops/orchids etc. observed within jurisdiction of Sub-project.
Socially sensitive/Important areas/communities/people?			
PCRs and or any site of cultural/religious importance (Graveyard, Shrine, Mosque, Church, Gordwarah, Temple, Fort, archeological/historical site) within 100 m of the proposed subproject		✓	No PCRs exists within 100 meters of periphery of Sub-Project which will be negatively impacted due to any work activities.
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meters of the proposed sub project	✓		Some educational institutes, one church, bishop house as shown hereunder were observed within 100 m at the proposed project site but outside of construction limits and project activity will not have any significant impact on these facilities. <ul style="list-style-type: none"> Govt. Post Graduate College Govt. MC School Divisional Model School Saint John's Cathedral School & Church
Any graveyard of local community (Muslims or Christians)		✓	No graveyard observed.
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 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 (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 shopkeeper will be relocated temporarily and no significant dismantling is envisaged.
B. Potential Environmental Impacts			
Will the Sub-Project cause:			
1. Disturbance to habitats/biodiversity of environmentally sensitive or protected areas?		✓	The proposed project site doesn't have any environmentally sensitive or protected areas.
2. Cutting of trees?		✓	No cutting of trees required as per scope of work under Sub-Project.

3. Disruption to habitats/biodiversity of surrounding ecosystem/environment?		✓	No disruption to any habitat/ecosystem due to any Sub-Project activities.
4. Generation of wastewater during construction or operation?		✓	No wastewater generation envisaged as per scope of work during construction as well as operational phase.
5. 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 is anticipated.
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 any waterway involved in the scope of Sub-Project.
7. 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.
8. Over pumping of ground water, leading to salinization and ground subsidence?		✓	Over pumping of ground water is not required for this sub project.
9. Serious contamination of soil due to construction works?		✓	No such impact is expected.
10. Aggravation of solid waste problems in the area?	✓		Negligible impact projected and need mitigation plan during construction phase. Designated waste site will be proposed. Generated waste is to be collected at regular interval from the site.
11. Generation of hazardous waste?			
12. 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.
13. 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.
14. 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.
15. 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...			
1. Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		✓	No damage to any PCRs required under scope of Sub-Project.
2. Displacement or involuntary resettlement of people? (Physical displacement and/or economic displacement)	✓		No significant displacement/ any sort of resettlement/ economic loss is envisaged due to any Sub-Project interventions. Access to business activities might temporarily be affected during execution phase.

3. Disproportionate impacts on the poor, women and children and or other vulnerable groups ¹ (mentioned above)?	✓	✓	No Disproportionate impacts on the poor, women and children and or other vulnerable groups are anticipated during execution phase
4. 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.
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)?		✓	It's a small scale time framework project so population influx or increased burden on social infrastructure and services will not be effected.
6. Social conflicts if workers from other areas are hired?		✓	Preference will be given locals for work to avoid any conflict.
7. Risks and vulnerabilities related to occupational health and safety 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. 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.
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?	✓		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.
10. 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.
11. Any impact of negative nature on already existing infrastructure including public amenities	✓		There is no significant impact expected to any public infrastructure owing to project activities. 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 corporate and wanted MC to get this project completed in a timely manner.

Prepared By:

Name: Haider Ali

Designation: Consultant

Signature:

Date: 16-11-2022



Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs

Signature:

Date:



¹ Women, Children, Women headed households, People in old age, people having disabilities, socially isolated community groups and or people living below the poverty line

INVOLUNTARY RESETTLEMENT SCREENING CHECKLIST

Name of City/MC/LG: MC Gojra M. Asad MOP

Sub-Project Sector: Roads

Sub-Project Title: Rehabilitation of Mission & Mongi Road 1.57 km

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

Date of Screening: 16-11-2022

SECTION 1	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		✓		No land will be required for the execution of Sub-Project.
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 ¹ ? Yes/No		✓		No AED has been conducted on the proposed location by MC.
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)		✓		Not Applicable
Private land		✓		
Residential		✓		
Commercial		✓		
Agricultural		✓		
Communal		✓		
Others (specify in “remarks”).		✓		
Name of owner/owners and type of ownership document if available.	✓			MC Gojra owns the land for Sub-Project.
If land is being acquired, describe any structures constructed on it		✓		No land needs to be acquired under Sub-Project.
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”)		✓		No public utilities and structures would be damaged during execution phase
Others (specify in “remarks”)		✓		Not Applicable
If agricultural land is being acquired, specify the following:		✓		No agriculture land required under Sub-Project.

SECTION 1	Yes	No	Expected	Remarks
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 APs as per scope of work and its impacts.
Will any people be displaced from the land when acquired? Yes/No		✓		No displacement of any people required under Sub-Project.
Number of APs		✓		No APs as per scope of work and its impacts.
Males & Females		✓		Not Applicable
Titled landowners		✓		
Tenants and sharecroppers		✓		
Leaseholders		✓		
Agriculture wage laborers		✓		
Encroachers and squatters (specify in remarks column)		✓		Displayed portable items 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 recorded as per Sub-Project interventions.
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. businesses.

Prepared By:

Name: Haider Ali

Designation: Consultant

Signature:

Date: 16-11-2022

Endorsed By:

Name: Asif Gillani

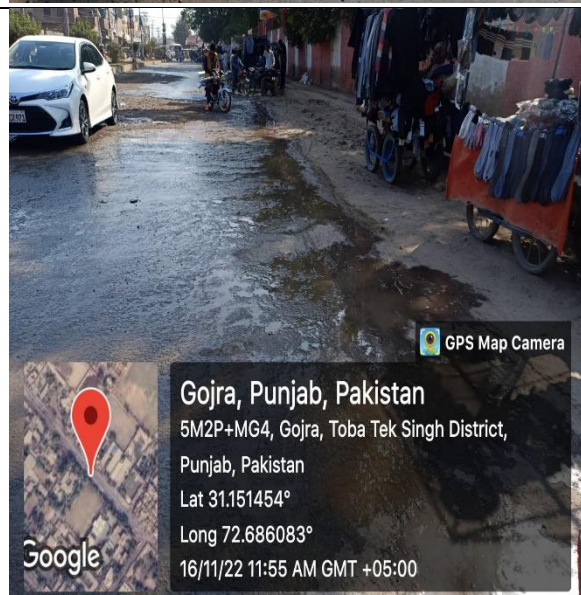
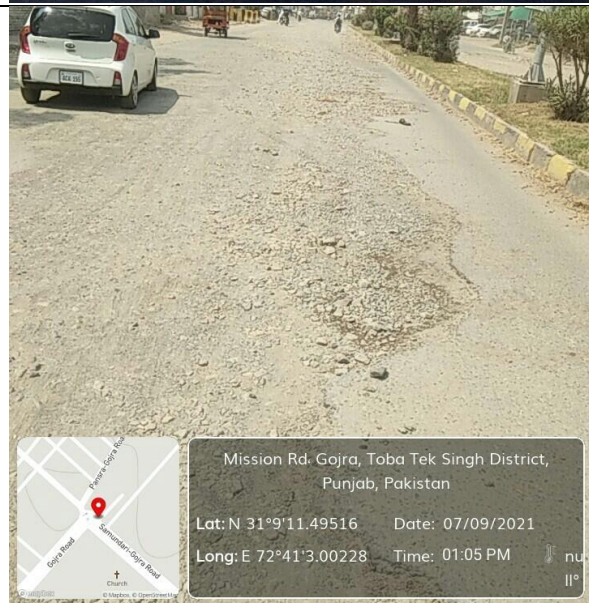
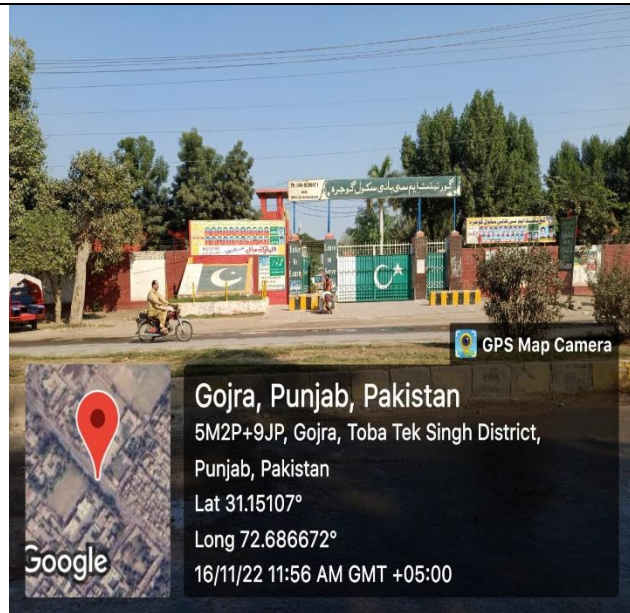
Designation: Deputy Program Officer ESSs

Signature:

Date:

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

Pictures of Project Siting





ENVIRONMENTAL AND SOCIAL SCREENING CHECKLIST

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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

(iii) Answer the questions assuming the “without mitigation” case. The purpose is to identify potential impacts. Use the “remarks” section to discuss any anticipated mitigation measures

Name of Enumerator/ESFP: Shahrukh Arif MOI & S, M. Asad MOP

Name of City/MC/LG: MC Gojra

Sub-Project Sector: Chowks

Sub-Project Title: Beautification of Mission Chowk

Sub- Project Categorization:	E-1	<input type="checkbox"/>	S-1	<input type="checkbox"/>
	E-2	<input type="checkbox"/>	S-2	<input type="checkbox"/>
	E-3	<input checked="" type="checkbox"/>	S-3	<input checked="" type="checkbox"/>

Date of Screening: 16-11-2022

Anticipated Project Activities:

- Geometric Improvement of intersection
- Channelization of traffic flow
- Rehabilitation of Existing Pavement Structure
- Pavement Marking
- Street Lighting
- Aesthetic improvement of chowk

Estimated Cost of Sub-Project: 141.17 (PKR million)

Approx. Completion Time: 02 Months

Estimated Labor for Sub-Project: 20-25

Screening Questions	Yes	No	Remarks
A. Project Siting			
Is the Sub-Project area adjacent to or within any of the following?			
Environmentally sensitive areas?			
Cultural heritage site		✓	No cultural heritage site observed within 250 meters of periphery of Sub-Project.
Legally protected Area (core zone or buffer zone)		✓	No legally protected area exists within 250 meters of radius of sub-Project.
Any surface water body (river, canal, stream, lake, wetland) within 250 meters of proposed project?		✓	No surface body observed nearby sub-Project location.
Mangrove Forest		✓	No mangrove forest observed.

Estuarine		✓	No estuarine exists in Sub-Project proposed scope of work.
Special area for protecting biodiversity		✓	No protected area or buffer zone lies within peripheral zone of sub-Project.
Buffer zone of protected area		✓	
Man-made forest /game reserve, orchid/crops or any other area of environmental importance		✓	No forest/crops/orchids etc. observed within jurisdiction of Sub-project.
Socially sensitive/Important areas/communities/people?			
PCRs and or any site of cultural/religious importance (Graveyard, Shrine, Mosque, Church, Gordwarah, Temple, Fort, archeological/historical site) within 100 m of the proposed subproject	✓		One Masjid exists within 100 meters of periphery of Sub-Project which will not be negatively impacted due to any work activities.
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meters of the proposed sub project		✓	No such sensitive receptors observed nearby location of Sub-Project that are outside of construction limits.
Any graveyard of local community (Muslims or Christians)		✓	No graveyard observed.
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 of the society and women or children)?		✓	It's a small-scale project regarding rehabilitation of existing chowk. Hence, no demographically or socio-economically vulnerable aspects of the sub-project were observed.
Already existing infrastructure (including public amenities) which may be required to dismantle or may be affected temporarily by any means?		✓	No dismantling to any public infrastructure envisaged.
B. Potential Environmental Impacts			
Will the Sub-Project cause:			
16. Disturbance to habitats/biodiversity of environmentally sensitive or protected areas?		✓	The proposed project site doesn't have any environmentally sensitive or protected areas.
17. Cutting of trees?		✓	No cutting of trees required as per scope of work under Sub-Project.
18. Disruption to habitats/biodiversity of surrounding ecosystem/environment?		✓	No disruption to any habitat/ecosystem due to any Sub-Project activities.
19. Generation of wastewater during construction or operation?		✓	No wastewater generation envisaged as per scope of work during construction as well as operational phase.
20. 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 is anticipated.
21. 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.
22. 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.
23. Over pumping of ground water, leading to salinization and ground subsidence?		✓	Over pumping of ground water is not required for this sub project.
24. Serious contamination of soil due to construction works?		✓	No such impact is expected.

25. Aggravation of solid waste problems in the area?	✓		Negligible impact projected and need mitigation plan during construction phase. Designated waste site will be proposed. Generated waste is to be collected at regular interval from the site.
26. Generation of hazardous waste?			
27. Increased air pollution due to sub-project construction and operation?		✓	Negligible impact envisaged.
28. Noise and vibration due to sub-project construction or operation?		✓	Negligible impact envisaged
29. Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?		✓	No such impact is anticipated.
30. 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:			
1. Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		✓	No damage to any PCRs required under scope of Sub-Project.
2. Displacement or involuntary resettlement of people? (Physical displacement and/or economic displacement)		✓	No significant displacement/ any sort of resettlement/ economic loss is envisaged due to any Sub-Project interventions.
3. Disproportionate impacts on the poor, women and children and or other vulnerable groups ² (mentioned above)?		✓	No disproportionate impacts on the poor, women and children and or other vulnerable groups are anticipated during execution phase
4. 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.
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)?		✓	It's a small-scale time framework project so population influx or increased burden on social infrastructure and services will not be effected.
6. Social conflicts if workers from other areas are hired?		✓	Preference will be given locals for work to avoid any conflict.
7. Risks and vulnerabilities related to occupational health and safety 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. 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.

² Women, Children, Women headed households, People in old age, people having disabilities, socially isolated community groups and or people living below the poverty line

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?	✓		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.
10. 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.
11. Any impact of negative nature on already existing infrastructure including public amenities	✓		No negative impact on any existing infrastructure envisaged.

Prepared By:

Name: Haider Ali

Designation: Individual Consultant, PCP

Signature:

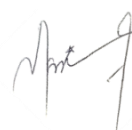


Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs PMDFC

Signature:



INVOLUNTARY RESETTLEMENT SCREENING CHECKLIST

Name of City/MC/LG: MC Gojra M. Asad MOP

Sub-Project Sector: Chowks

Sub-Project Title: Beautification of Mission Chowk

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

Date of Screening: 16-11-2022

SECTION 1	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		✓		No land will be required for the execution of Sub-Project.
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 ¹ ? Yes/No		✓		No AED has been conducted on the proposed location by MC.
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.
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		✓		Not Applicable
Private land		✓		
Residential		✓		
Commercial		✓		
Agricultural		✓		
Communal		✓		
Others (specify in “remarks”).		✓		
Name of owner/owners and type of ownership document if available.	✓			MC Gojra owns the land for Sub-Project.
If land is being acquired, describe any structures constructed on it		✓		No land needs to be acquired under Sub-Project.
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”)		✓		No public utilities and structures would be damaged during execution phase
Others (specify in “remarks”)		✓		Not Applicable
If agricultural land is being acquired, specify the following:		✓		No agriculture land 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”).		✓		

SECTION 1	Yes	No	Expected	Remarks
Affected Persons (APs)		✓		No APs as per scope of work and its impacts.
Will any people be displaced from the land when acquired? Yes/No		✓		No displacement of any people required under Sub-Project.
Number of APs		✓		No APs as per scope of work and its impacts.
Males & Females		✓		Not Applicable
Titled landowners		✓		
Tenants and sharecroppers		✓		
Leaseholders		✓		
Agriculture wage laborers		✓		
Encroachers and squatters (specify in remarks column)		✓		No encroachment in chowk under scope of work.
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 recorded as per Sub-Project interventions.
Others (specify in “remarks”)		✓		Not Applicable
How will people be affected?	✓			Rehabilitation of chowk can temporarily disturb the business activities.

Prepared By:

Name: Haider Ali

Designation: Individual Consultant PCP

Signature:

Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs PMDFC

Signature:

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

Pictures of Project Siting



ENVIRONMENTAL AND SOCIAL SCREENING CHECKLIST

Instructions:

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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

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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

(iii) Answer the questions assuming the “without mitigation” case. The purpose is to identify potential impacts. Use the “remarks” section to discuss any anticipated mitigation measures

Name of Enumerator/ESFP: Shahrukh Arif MOI & S, M. Asad MOP

Name of City/MC/LG: MC Gojra

Sub-Project Sector: Chowks

Sub-Project Title: Beautification of Railway Phattak Chowk - I

Sub- Project Categorization:	E-1	<input type="checkbox"/>	S-1	<input type="checkbox"/>
	E-2	<input type="checkbox"/>	S-2	<input type="checkbox"/>
	E-3	<input checked="" type="checkbox"/>	S-3	<input checked="" type="checkbox"/>

Date of Screening: 16-11-2022

Anticipated Project Activities:

- Geometric Improvement of intersection
- Channelization of traffic flow
- Rehabilitation of Existing Pavement Structure
- Pavement Marking
- Street Lighting
- Aesthetic improvement of chowk

Estimated Cost of Sub-Project: 142.17 (PKR million)

Approx. Completion Time: 02 Months

Estimated Labor for Sub-Project: 20-25

Screening Questions	Yes	No	Remarks
A. Project Siting			
Is the Sub-Project area adjacent to or within any of the following?			
Environmentally sensitive areas?			
Cultural heritage site		✓	No cultural heritage site observed within 250 meters of periphery of Sub-Project.
Legally protected Area (core zone or buffer zone)		✓	No legally protected area exists within 250 meters of radius of sub-Project.

Any surface water body (river, canal, stream, lake, wetland) within 250 meters of proposed project?		✓	No surface body observed nearby sub-Project location.
Mangrove Forest		✓	No mangrove forest observed.
Estuarine		✓	No estuarine exists in Sub-Project proposed scope of work.
Special area for protecting biodiversity		✓	No protected area or buffer zone lies within peripheral zone of sub-Project.
Buffer zone of protected area		✓	
Man-made forest /game reserve, orchid/crops or any other area of environmental importance		✓	No forest/crops/orchids etc. observed within jurisdiction of Sub-project.
Socially sensitive/Important areas/communities/people?			
PCRs and or any site of cultural/religious importance (Graveyard, Shrine, Mosque, Church, Gordwarah, Temple, Fort, archeological/historical site) within 100 m of the proposed subproject		✓	No PCRs exists within 100 meters of periphery of Sub-Project which will be negatively impacted due to any work activities.
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meters of the proposed sub project		✓	No such sensitive receptors observed nearby location of Sub-Project that are outside of construction limits.
Any graveyard of local community (Muslims or Christians)		✓	No graveyard observed.
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 of the society and women or children)?		✓	It's a small-scale project regarding rehabilitation of existing chowk. Hence, no demographically or socio-economically vulnerable aspects of the sub-project were observed.
Already existing infrastructure (including public amenities) which may be required to dismantle or may be affected temporarily by any means?		✓	No dismantling to any public infrastructure envisaged.
B. Potential Environmental Impacts			
Will the Sub-Project cause:			
31. Disturbance to habitats/biodiversity of environmentally sensitive or protected areas?		✓	The proposed project site doesn't have any environmentally sensitive or protected areas.
32. Cutting of trees?		✓	No cutting of trees required as per scope of work under Sub-Project.
33. Disruption to habitats/biodiversity of surrounding ecosystem/environment?		✓	No disruption to any habitat/ecosystem due to any Sub-Project activities.
34. Generation of wastewater during construction or operation?		✓	No wastewater generation envisaged as per scope of work during construction as well as operational phase.
35. 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 is anticipated.
36. 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.
37. 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.
38. Over pumping of ground water, leading to salinization and ground subsidence?		✓	Over pumping of ground water is not required for this sub project.

39. Serious contamination of soil due to construction works?		✓	No such impact is expected.
40. Aggravation of solid waste problems in the area?	✓		Negligible impact projected and need mitigation plan during construction phase. Designated waste site will be proposed. Generated waste is to be collected at regular interval from the site.
41. Generation of hazardous waste?			
42. Increased air pollution due to sub-project construction and operation?		✓	Negligible impact envisaged.
43. Noise and vibration due to sub-project construction or operation?		✓	Negligible impact envisaged
44. Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?		✓	No such impact is anticipated.
45. 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:			
1. Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		✓	No damage to any PCRs required under scope of Sub-Project.
2. Displacement or involuntary resettlement of people? (Physical displacement and/or economic displacement)		✓	No significant displacement/ any sort of resettlement/ economic loss is envisaged due to any Sub-Project interventions.
3. Disproportionate impacts on the poor, women and children and or other vulnerable groups ³ (mentioned above)?		✓	No disproportionate impacts on the poor, women and children and or other vulnerable groups are anticipated during execution phase
4. 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.
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)?		✓	It's a small-scale time framework project so population influx or increased burden on social infrastructure and services will not be effected.
6. Social conflicts if workers from other areas are hired?		✓	Preference will be given locals for work to avoid any conflict.
7. Risks and vulnerabilities related to occupational health and safety 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. 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.

³ Women, Children, Women headed households, People in old age, people having disabilities, socially isolated community groups and or people living below the poverty line

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?	✓		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.
10. 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.
11. Any impact of negative nature on already existing infrastructure including public amenities	✓		No negative impact on any existing infrastructure envisaged.

Prepared By:

Name: Haider Ali

Designation: Individual Consultant, PCP

Signature:

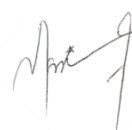


Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs PMDFC

Signature:



INVOLUNTARY RESETTLEMENT SCREENING CHECKLIST

Name of City/MC/LG: MC Gojra M Asad MOP

Sub-Project Sector: Chowks

Sub-Project Title: Beautification of Railway Phattak Chowk - I

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

Date of Screening: 16-11-2022

SECTION 1	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		✓		No land will be required for the execution of Sub-Project.
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 ¹ ? Yes/No		✓		No AED has been conducted on the proposed location by MC.
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.
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		✓		Not Applicable
Private land		✓		
Residential		✓		
Commercial		✓		
Agricultural		✓		
Communal		✓		
Others (specify in “remarks”).		✓		
Name of owner/owners and type of ownership document if available.	✓			MC Gojra owns the land for Sub-Project.
If land is being acquired, describe any structures constructed on it		✓		No land needs to be acquired under Sub-Project.
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”)		✓		No public utilities and structures would be damaged during execution phase
Others (specify in “remarks”)		✓		Not Applicable
If agricultural land is being acquired, specify the following:		✓		No agriculture land 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”).		✓		

SECTION 1	Yes	No	Expected	Remarks
Affected Persons (APs)		✓		No APs as per scope of work and its impacts.
Will any people be displaced from the land when acquired? Yes/No		✓		No displacement of any people required under Sub-Project.
Number of APs		✓		No APs as per scope of work and its impacts.
Males & Females		✓		Not Applicable
Titled landowners		✓		
Tenants and sharecroppers		✓		
Leaseholders		✓		
Agriculture wage laborers		✓		
Encroachers and squatters (specify in remarks column)		✓		No encroachment in chowk under scope of work.
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 recorded as per Sub-Project interventions.
Others (specify in “remarks”)		✓		Not Applicable
How will people be affected?	✓			Rehabilitation of chowk can temporarily disturb the business activities.

Prepared By:

Name: Haider Ali

Designation: Individual Consultant PCP

Signature:

Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs PMDFC

Signature:

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

Pictures of Project Siting



ENVIRONMENTAL AND SOCIAL SCREENING CHECKLIST

Instructions:

Environmental and Social Focal Persons (ESFPs) nominated by the MCs for PCP environmental and social management, will use this checklist in field to support the environmental and social screening and categorization of each and every sub-project proposed to be executed under the Program.

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

It is to be attached with the main document of sub-projects at planning stage and will be duly signed by the relevant ESFP and endorsed by the respective DPO-ESM

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

(iii) Answer the questions assuming the “without mitigation” case. The purpose is to identify potential impacts. Use the “remarks” section to discuss any anticipated mitigation measures

Name of Enumerator/ESFP: Shahrukh Arif MOI & S, M. Asad MOP

Name of City/MC/LG: MC Gojra

Sub-Project Sector: Chowks

Sub-Project Title: Beautification of Railway Phattak Chowk - II

Sub- Project Categorization:	E-1	<input type="checkbox"/>	S-1	<input type="checkbox"/>
	E-2	<input type="checkbox"/>	S-2	<input type="checkbox"/>
	E-3	<input checked="" type="checkbox"/>	S-3	<input checked="" type="checkbox"/>

Date of Screening: 16-11-2022

Anticipated Project Activities:

- Geometric Improvement of intersection
- Channelization of traffic flow
- Rehabilitation of Existing Pavement Structure
- Pavement Marking
- Street Lighting
- Aesthetic improvement of chowk

Estimated Cost of Sub-Project: 142.17 (PKR million)

Approx. Completion Time: 02 Months

Estimated Labor for Sub-Project: 20-25

Screening Questions	Yes	No	Remarks
A. Project Siting			
Is the Sub-Project area adjacent to or within any of the following?			
Environmentally sensitive areas?			
Cultural heritage site		✓	No cultural heritage site observed within 250 meters of periphery of Sub-Project.
Legally protected Area (core zone or buffer zone)		✓	No legally protected area exists within 250 meters of radius of sub-Project.

Any surface water body (river, canal, stream, lake, wetland) within 250 meters of proposed project?		✓	No surface body observed nearby sub-Project location.
Mangrove Forest		✓	No mangrove forest observed.
Estuarine		✓	No estuarine exists in Sub-Project proposed scope of work.
Special area for protecting biodiversity		✓	No protected area or buffer zone lies within peripheral zone of sub-Project.
Buffer zone of protected area		✓	
Man-made forest /game reserve, orchid/crops or any other area of environmental importance		✓	No forest/crops/orchids etc. observed within jurisdiction of Sub-project.
Socially sensitive/Important areas/communities/people?			
PCRs and or any site of cultural/religious importance (Graveyard, Shrine, Mosque, Church, Gordwarah, Temple, Fort, archeological/historical site) within 100 m of the proposed subproject		✓	No PCRs exists within 100 meters of periphery of Sub-Project which will be negatively impacted due to any work activities.
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meters of the proposed sub project		✓	No such sensitive receptors observed nearby location of Sub-Project that are outside of construction limits.
Any graveyard of local community (Muslims or Christians)		✓	No graveyard observed.
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 of the society and women or children)?		✓	It's a small-scale project regarding rehabilitation of existing chowk. Hence, no demographically or socio-economically vulnerable aspects of the sub-project were observed.
Already existing infrastructure (including public amenities) which may be required to dismantle or may be affected temporarily by any means?		✓	No dismantling to any public infrastructure envisaged.
B. Potential Environmental Impacts			
Will the Sub-Project cause:			
46. Disturbance to habitats/biodiversity of environmentally sensitive or protected areas?		✓	The proposed project site doesn't have any environmentally sensitive or protected areas.
47. Cutting of trees?		✓	No cutting of trees required as per scope of work under Sub-Project.
48. Disruption to habitats/biodiversity of surrounding ecosystem/environment?		✓	No disruption to any habitat/ecosystem due to any Sub-Project activities.
49. Generation of wastewater during construction or operation?		✓	No wastewater generation envisaged as per scope of work during construction as well as operational phase.
50. 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 is anticipated.
51. 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.
52. 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.
53. Over pumping of ground water, leading to salinization and ground subsidence?		✓	Over pumping of ground water is not required for this sub project.

54. Serious contamination of soil due to construction works?		✓	No such impact is expected.
55. Aggravation of solid waste problems in the area?	✓		Negligible impact projected and need mitigation plan during construction phase. Designated waste site will be proposed. Generated waste is to be collected at regular interval from the site.
56. Generation of hazardous waste?			
57. Increased air pollution due to sub-project construction and operation?		✓	Negligible impact envisaged.
58. Noise and vibration due to sub-project construction or operation?		✓	Negligible impact envisaged
59. Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?		✓	No such impact is anticipated.
60. 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:			
1. Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		✓	No damage to any PCRs required under scope of Sub-Project.
2. Displacement or involuntary resettlement of people? (Physical displacement and/or economic displacement)		✓	No significant displacement/ any sort of resettlement/ economic loss is envisaged due to any Sub-Project interventions.
3. Disproportionate impacts on the poor, women and children and or other vulnerable groups ⁴ (mentioned above)?		✓	No disproportionate impacts on the poor, women and children and or other vulnerable groups are anticipated during execution phase
4. 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.
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)?		✓	It's a small-scale time framework project so population influx or increased burden on social infrastructure and services will not be effected.
6. Social conflicts if workers from other areas are hired?		✓	Preference will be given locals for work to avoid any conflict.
7. Risks and vulnerabilities related to occupational health and safety 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. 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.

⁴ Women, Children, Women headed households, People in old age, people having disabilities, socially isolated community groups and or people living below the poverty line

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?	✓		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.
10. 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.
11. Any impact of negative nature on already existing infrastructure including public amenities	✓		No negative impact on any existing infrastructure envisaged.

Prepared By:

Name: Haider Ali

Designation: Individual Consultant, PCP

Signature:



Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs PMDFC

Signature:



INVOLUNTARY RESETTLEMENT SCREENING CHECKLIST

Name of City/MC/LG: MC Gojra M Asad MOP

Sub-Project Sector: Chowks

Sub-Project Title: Beautification of Railway Phattak Chowk - II

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

Date of Screening: 16-11-2022

SECTION 1	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		✓		No land will be required for the execution of Sub-Project.
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 ¹ ? Yes/No		✓		No AED has been conducted on the proposed location by MC.
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.
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		✓		Not Applicable
Private land		✓		
Residential		✓		
Commercial		✓		
Agricultural		✓		
Communal		✓		
Others (specify in “remarks”).		✓		
Name of owner/owners and type of ownership document if available.	✓			MC Gojra owns the land for Sub-Project.
If land is being acquired, describe any structures constructed on it		✓		No land needs to be acquired under Sub-Project.
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”)		✓		No public utilities and structures would be damaged during execution phase
Others (specify in “remarks”)		✓		Not Applicable
If agricultural land is being acquired, specify the following:		✓		No agriculture land 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”).		✓		

SECTION 1	Yes	No	Expected	Remarks
Affected Persons (APs)		✓		No APs as per scope of work and its impacts.
Will any people be displaced from the land when acquired? Yes/No		✓		No displacement of any people required under Sub-Project.
Number of APs		✓		No APs as per scope of work and its impacts.
Males & Females		✓		Not Applicable
Titled landowners		✓		
Tenants and sharecroppers		✓		
Leaseholders		✓		
Agriculture wage laborers		✓		
Encroachers and squatters (specify in remarks column)		✓		No encroachment in chowk under scope of work.
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 recorded as per Sub-Project interventions.
Others (specify in “remarks”)		✓		Not Applicable
How will people be affected?	✓			Rehabilitation of chowk can temporarily disturb the business activities.

Prepared By:

Name: Haider Ali

Designation: Individual Consultant PCP

Signature:

Endorsed By:

Name: Asif Gillani

Designation: Deputy Program Officer ESSs PMDFC

Signature:

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

Pictures of Project Siting



Environment & Social Mitigation & Management cost			
Item	Quantity	Tentative Cost/Item-Rs./-	Total Cost
A-PPEs			
Face Masks (3 PLY) - box	20	300	6000
Safety Hard Helmets	8	3,000	24000
Safety Shoes	8	3,000	24000
Hand Gloves	8	1,000	8000
Ear Plugs	8	500	4000
Reflective Safety Vest	8	1,000	8000
Safety Goggles	8	500	4000
B-Community Health and Safety			
First Aid Box Complete	1	10,000	10000
Safety Signs	3	15,000	45000
Safety Cones	20	1,000	20000
Safety Tapes	50	1,500	75000
Portable Delineator with chain	5	2,200	11000
Emergency Portable Lights	3	3,000	9000
Solid Waste Collection Drums with Cover	3	12,000	36000
Fire Fighting Equipment Purchase and refilling	1	10,000	10000
BCC Campaign and waste collection system	Lump sum		100,000
Water Sprinkling	Lump sum		100,000
Total (PKR)-A+B			494,000

Environmental and Social Mitigation Plan

Proposed Sub-project activities	Potential Env/Soc Impacts	Mitigation Measures	Monitoring Indicators	Monitoring Frequency	Responsibility
Construction Phase					
Dismantling, Excavation (Cold milling of existing road surface)	a) Environmental Issues: <ul style="list-style-type: none"> Dust which may affect visibility Noise from machineries/ equipment Contamination of nearby surface water source Construction waste may be generated due these activities Safety hazards to labor and nearby resident population. Worse House Keeping b) Social Issues: <ul style="list-style-type: none"> Solid waste may cause disturbance in mobility Temporary blockage of road may restrict mobility Conflict with public and public complaints Temporary loss of structures and private property 	<ul style="list-style-type: none"> Solid waste will be properly disposed off at designated place of MC. Updated and tuned machinery will be used to control noise. Water sprinkling will be carried out at consecutive intervals as per instruction Avoiding construction activities during nights. Removal of excess matter/ debris from the site immediately. Provide PPEs. Provide appropriate signage near the construction activities to sensitize the communities and minimize accidents. The contact Nos. of focal person of Grievance Redress Committee will be displayed at different locations and residents will also be informed about it. 	Visual/ Pictures	<ul style="list-style-type: none"> Daily site visit during construction phase Fortnightly/Weekly/Daily Once during the construction phase 	<ul style="list-style-type: none"> ESFPs Construction Supervision Consultant DPO ESSs

	<ul style="list-style-type: none"> • Presence of Physical Cultural Resources (PCRs) of Archeological importance 	<ul style="list-style-type: none"> ○ Construction work will be scheduled in such a way that business of the shopkeepers will not be affected. Alternate road will be provided. Contractor will make sure that labor must not damage the property and structures of the communities. In case of damage compensation will be provided as per entitlements. 			
Construction material storage, handling and use	<p>Environmental Issues:</p> <ul style="list-style-type: none"> ○ Ground water may also be contaminated due to the any oil spillages from machinery. ○ Health risk to workers and local inhabitants. ○ Poor Housekeeping <p>Social Issues:</p> <ul style="list-style-type: none"> ○ Land acquisition for storage of construction material ○ Accidents/Injuries expected if neglected ○ Blockage of passage for pedestrians ○ Haphazard arrangement of construction material 	<ul style="list-style-type: none"> • Material will be appropriately secured to ensure safe passage between the destinations during transportation. • Loads/heaps will have appropriate cover to prevent spillage and contractor should be responsible for any clean up resulting from any failure. • Materials will not be loaded to a higher level than the side and tail boards and shall be covered with a good quality tarpaulin; • If land acquired for storage of machinery & materials on temporarily basis: Contractor is liable to compensate the land owner according to agreement/negotiations/voluntarily 	Visual/ Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs

		<ul style="list-style-type: none"> • Contractor will lay/utilize construction materials as per work requirement from his storage site. • Contractor will use night vision reflective signboards/ reflective tapes to cordon off the area during construction/demolition activities. 			
Labor Camp (if established by Contractor)	<ul style="list-style-type: none"> ○ Health impacts due to absence of housing and sanitation facilities in labor camp. ○ Security of labor ○ Unhygienic conditions 	<ul style="list-style-type: none"> • Contractor will ensure provision of appropriate housing, water supply, and sanitation facilities to construction labor. • Good housekeeping will be ensured inside campsite • Labor will be provided with quality food. • Better heating & cooling facilities will be provided by the Contractor as per season accordingly. • Better accommodation will be ensured by the Contractor. • Its better to accommodate labor in Containers Camps/houses with all amenities. • Contractor will submit Campsite Management Plan and approve from DPO-ESSs before the execution of work. 	Visual/ Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs
Vehicle Movements	<ul style="list-style-type: none"> ○ Traffic congestion ○ Conflicts 	<ul style="list-style-type: none"> ○ Alternative routes will be provided. ○ Sign boards and posters will also be displayed at project site and adjacent areas as well. Inform the residents about timing, schedule and construction work duration. 	Visual/ Pictures	<ul style="list-style-type: none"> • Daily site visit during construction 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision

		<ul style="list-style-type: none"> ○ Work will be done in portions so that the alternate road may be used safely and vehicles movement will not be disturbed. 		<ul style="list-style-type: none"> • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • Consultant DPO ESSs
Site Safety Issues	<ul style="list-style-type: none"> ○ Accidents 	Contractor will ensure site safety using safety cautions (night vision), boards, flagmen, cordon tapes etc. for smooth flow of traffic during the construction phase of the Sub-Project.	Visual/Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs
Public access	Problems for pedestrians. Normal mode of transport may be disturbed during Sub-project execution.	<ul style="list-style-type: none"> • Alternate access route will be made sure. • Cordon off construction zone. 	Visual/Pictures	<ul style="list-style-type: none"> • Daily site visit 	<ul style="list-style-type: none"> • ESFPs • Construction

				during construction phase <ul style="list-style-type: none"> • Fortnightly/Weekly/Daily • Once during the construction phase 	Supervision Consultant <ul style="list-style-type: none"> • DPO ESSs
Occupational Health & Safety	<ul style="list-style-type: none"> ○ Injuries to workers/LTI 	<ul style="list-style-type: none"> • Contractor will follow HSE SOPs for all activities on the site. • Workers will be trained and guided to follow SOPs and will be provided with necessary PPEs (Safety Helmets, Safety Shoes, Gloves, Chemical Masks etc.) wherever required. • First aid will be provided onsite • Careful monitoring will also be carried out. 	Visual/Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs

Laying of Asphalt	<ul style="list-style-type: none"> ○ Injuries to workers 	<ul style="list-style-type: none"> • Contractor will provide Safety Shoes, Hand Gloves, Safety Helmet, Reflective Vest to all the labor. 	Visual/ Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs
Damage to Public Infrastructure/utilities	<ul style="list-style-type: none"> ○ Accidents/Incidents/Injuries ○ Structural loss ○ Social Conflicts 	<ul style="list-style-type: none"> • Contractor will ensure no damage to public utilities or structures. • Contractor will provide compensation for the damages to entitles accordingly. 	Visual/ Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs

Sexual Harassment- Labor Influx- Child Labor	<ul style="list-style-type: none"> ○ Social Conflicts 	<ul style="list-style-type: none"> • Contractor will give behavioral training to the workforce. • Contractor will hire local labor for unskilled works. • No child labor is allowed onsite below 14 years. 	Visual/ Pictures/Re ported/Com plains by public during visit	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily <p>Once during the construction phase</p>	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs
CoViD-19 SOPs implementation	<ul style="list-style-type: none"> ○ Spread of Corona among the labor 	<ul style="list-style-type: none"> • Contractor will provide face masks to the labor on daily basis to reduce Corona impact. • Contractor will follow CoViD-19 guidelines during construction works 	Visual/ Pictures	<ul style="list-style-type: none"> • Daily site visit during construction phase • Fortnightly/Weekly/Daily • Once during the construction phase 	<ul style="list-style-type: none"> • ESFPs • Construction Supervision Consultant • DPO ESSs

Street Lights	<ul style="list-style-type: none"> ○ Health and Safety of workers 	<ul style="list-style-type: none"> • SOPs of Work at Height provided in the PMDFC SOPs for labor/construction workers will be strictly followed 	Site pictures	<ul style="list-style-type: none"> • At the time of installation 	<ul style="list-style-type: none"> • MC • Regional office PMDFC • Supervision consultants
Operational Phase					
Road Maintenance- Road Furniture	<ul style="list-style-type: none"> ○ Accidents ○ Complains 	<ul style="list-style-type: none"> • MC will maintain road lighting system for night vision. • Road surface will be repaired/maintained by MC. • Road furniture will be maintained by MC. 	Visual/ Pictures		<ul style="list-style-type: none"> • MC Officials

