

## Environmental and Social Screening Checklists of the Sub-Project

### Construction of new Park in Jhelum City Environmental & Social Screening Checklist

**Instructions:**

Environmental and Social Focal Persons (ESFPs)<sup>1</sup> 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.

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<sup>2</sup> 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

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.

**Name of ESFP:**

Muhammad Ahmad MOI&S/ Muhammad Dawood MOP

**Name of MC:**

Jhelum

**Sub-Project Sector:**

parks

**Sub-Project Title:**

Construction of New Kala Gujran Park in Jhelum 5 acre

**Sub- Project Categorization:**

E-1 & S-2

**Date of Screening:**

10-09-2022

**Anticipated Project Activities**

Build A Jogging Track And Pathway, Supply Of Ornamental Plants And Benches, Construct A Rainwater Recharge Structure And Well, Build A Cafeteria And Toilets, Installation Of Swings, Installation LED Lights And Poles, Construction Of Gazebos, Development Of Parking Outside The Park With Tuff Pavers, Fountain Development And Roundabout Sitting, Construction Of Main Gate,

<sup>1</sup>In all MCs, ESFPs are to be notified by Local Government; MO (I&S) are focal persons for environmental sector and MO (P) are focal persons for social sectors.

<sup>2</sup> It is

Rehabilitation Of Existing Benches, Construction Of Boundary Wall, Construction Of Indoor Sports Area, Construction Of Net Cricket.

It may be concluded that the subproject would have moderate environmental impacts so subproject is categorized as **environmental category E1** therefore Initial Environmental Examination (IEE) will be required.

However, sub-project do not involve any human displacement or resettlement but it may cause temporary disturbance and localized impacts on the local communities so it is characterized as **social category S2**.

Moreover, the subproject will require construction labor/ workers for the execution therefore Environment, Health and Safety SOPs developed by PMDFC, will be applicable and followed by the contractor.

The cost for the implementation of Environment and Social Management Plan (ESMP) including Environment, Health and Safety SOPs for labor will be 1.041 million PKR to be borne by the contractor as mentioned in the bidding document for the subproject.

<b>Estimated Cost of Subprojects</b>	<b>151.76 Million PKR</b>	
<b>Tentative Completion Time/Duration</b>	<b>6 months</b>	
<b>Estimated Labor for Subproject</b>	<b>20</b>	

Screening Questions	Yes	No	Remarks
<b>A. Project Siting</b> Is the Sub-Project area adjacent to or within any of the following:			
<b>Environmentally sensitive areas?</b>			
Legally protected Area		✓	Legally protected area not recorded nearby to the city.
Any surface water body (river, canal, stream, lake, wetland) within 250 meter of the proposed road		✓	Not observed
Estuarine		✓	Not applicable
Special area for protecting biodiversity		✓	Biodiversity protected area not recorded nearby to the city.
Buffer zone of protected area		✓	Not applicable
Mangroves Forest		✓	Not applicable
Man-made forest /game reserve, orchid /crops or any other area of environmental importance		✓	Not observed
<b>Socially sensitive /important areas/communities/ people?</b>			
Physical Cultural Resources (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	✓		One shrine observed
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meter of the proposed sub project <sup>3</sup>	✓		3 school observed
Any graveyard of local community (Muslims or Christians)		✓	Not applicable
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 <sup>4</sup> of the society and women or children)?		✓	Not applicable
Already existing infrastructure <sup>5</sup> (including public amenities) which may be required to dismantle or may be affected temporarily by any means?		✓	Not applicable
<b>B. Potential Environmental Impacts</b> Will the Sub-Project cause...			
1. Disturbance to habitats/biodiversity of environmentally sensitive or protected areas?		✓	Not applicable
2. Cutting of trees?		✓	Not applicable
3. Disruption to habitats/biodiversity of surrounding ecosystem/environment?		✓	Not applicable
4. Generation of wastewater during construction or operation?	✓		The domestic wastewater collected from the septic camp of labor camp will be disposal in the nearby sewerage lines.
5. Pollution of surface water/ground water due to wastewater discharge from construction site or due to direct/indirect disposal of waste water?	✓		Domestic waste water will be produced during construction but the waste will be collected in septic tanks.

<sup>3</sup>Ibid.

Screening Questions	Yes	No	Remarks
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 such activity is foreseen
7. Deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?		✓	No deterioration in surface water quality is anticipated
8. Over pumping of ground water, leading to salinization and ground subsidence?		✓	Pumping of groundwater is expected on small scale only for construction purpose
9. Serious contamination of soil due to construction works?		✓	No serious contamination of soil is foreseen
10. Aggravation of solid waste problems in the area?	✓		Construction waste generated during road improvement will be collected and disposed of at designated place to avoid solid waste problem in the project area
11. Generation of hazardous waste?	✓		Solid waste will be generated during dismantling of existing infrastructures which will be disposed of to a designated place approved by the MC
12. Increased air pollution due to sub-project construction and operation?	✓		Increased air pollution due to smoke and dust generated by the movement of vehicles and construction machinery at project site is expected. The mitigation measures include control on speed limit of project vehicles and use of construction machinery in good working condition and regular sprinkling of water at dust prone roads/site.
13. Noise and vibration due to sub-project construction or operation?	✓		The noise pollution during construction phase because of project vehicles and construction machinery is expected. The mitigation includes use of tuned vehicles and machinery will be ensured. Vibration abating devices will be used. Use PPEs by labor will be ensured. The working hours will be scheduled and restricted in school, colleges and prayers timings in daytime only.
14. Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?	✓		The stagnant water in construction areas may create temporary breeding habitat for mosquitoes and resulting in

<sup>4</sup>due to caste, creed, religion or gender e.g. transgender

<sup>5</sup>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
			dengue issue. Proper housekeeping and tidy conditions will avoid the creation of breeding habitats. Use of anti-mosquito spray will be ensured
15. Use of chemicals during construction?		✓	Not applicable
<b>C: Potential Social Impacts</b> Will the Sub-Project cause...			
1. Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		✓	Not applicable
2. Displacement or involuntary resettlement of people? (physical displacement and/or economic displacement) (If "Yes", please also fill Involuntary Resettlement Screening Checklist)		✓	Not applicable
3. Disproportionate impacts on the poor, women and children and or other vulnerable groups (mentioned above)?		✓	Not applicable
4. Temporary impediments in movements of people/transport and animals?	✓		The movement of people may put some impediments during dismantling of existing drain and construction of new drains. Traffic management Training will be provided to drivers. Alternative routes will be provided to community.
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)?		✓	The proposed intervention of construction of storm water drains requires 20 working staff at a time and thus largescale population influx is not foreseen. The contractor to establish construction camp at appropriate place at open place sufficiently away from the populated area.
6. Social conflicts if workers from other areas are hired?		✓	In IEE, the contractor will be bound to prefer local labor to avoid social conflicts.
7. Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation?	✓		Binding of contractor to take care of H&S aspects. Supervision consultants to monitor the OHS aspects.
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?	✓		During construction phase only. Contractor staff to be trained for waste management.
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	✓		Contractor staff to be trained w.r.t H&S issues. Liaison with local emergency services and hospitals.

Screening Questions	Yes	No	Remarks
result in injury to the community throughout project construction, operation and decommissioning?			
10. Any impact on sensitive receptors (mentioned above)		✓	Not applicable
11. Any impact of negative nature on already existing infrastructure including public amenities		✓	Not applicable

---

Prepared By: Name: Mujhammad Hanan Designation: Env Specialist Signature	Reviewed By: Name: Tehmina Kiran Designation: PO ESM-PMDFC Signature	Endorsed By: Name: Muhmmad Ahmad Designation: MOI&S Signature
---	---	--

## Involuntary Resettlement Screening Checklist

**Name of City/MC/LG:** Jehlum

**ESFP:** Muhammad Dawood MOP

**Sub-Project Sector:** Parks

**Sub-Project Title:** Construction of New Kala Gujran Park in Jhelum 5 acre

**Sub- Project Categorization:**S-2

**Date of Screening:** 10-9-2022

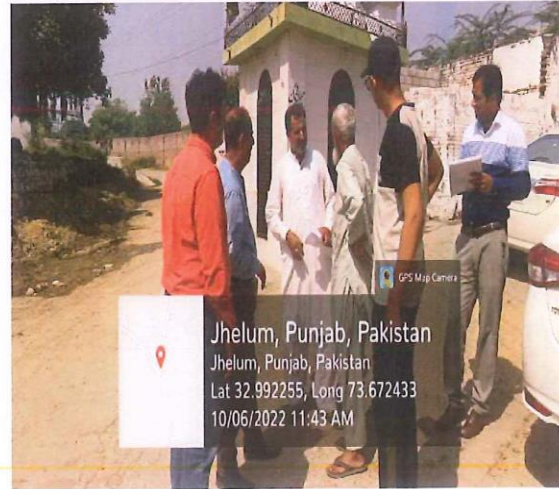
Screening Questions	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		✓		MC onwed land
If yes, then describe the type of land being acquired from the categories below:		✓		Not applicable
Has any AED been conducted at the proposed location by the government1? Yes/No		✓		No AED has been conducted at the propsoed site.
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)		✓		Not applicable
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		✓		Not applicable
Private land		✓		Not applicable
Residential		✓		Not applicable
Commercial		✓		Not applicable
Agricultural		✓		Not applicable
Communal		✓		Not applicable
Others (specify in “remarks”).		✓		Not applicable
Name of owner/owners and type of ownership document if available.		✓		Not applicable
If land is being acquired, describe any structures constructed on it		✓		Not applicable
Land-based assets:		✓		Not applicable
Residential structures		✓		Not applicable
Commercial structures (specify in “remarks”)		✓		Not applicable
Community structures (specify in “remarks”)		✓		Not applicable
Agriculture structures (specify in “remarks”)		✓		Not applicable
Public utilities (specify in “remarks”)		✓		Not applicable
Others (specify in “remarks”)		✓		Not applicable
If agricultural land is being acquired, specify the following:		✓		Not applicable
Agriculture related impacts		✓		Not applicable
Crops and vegetables (specify types and cropping area in “remarks).		✓		Not applicable

Trees (specify number and types in “remarks”).		✓		Not applicable
Others (specify in “remarks”).		✓		Not applicable
Affected Persons (APs)		✓		Not applicable
Will any people be displaced from the land when acquired? Yes/No		✓		Not applicable
Number of APs		✓		Not applicable
Males		✓		Not applicable
Females		✓		Not applicable
Titled landowners		✓		Not applicable
Tenants and sharecroppers		✓		Not applicable
Leaseholders		✓		Not applicable
Agriculture wage laborers		✓		Not applicable
Encroachers and squatters (specify in remarks column)		✓		Not applicable
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 applicable
Others (specify in “remarks”)		✓		Not applicable
How will people be affected?		✓		Not applicable

Prepared By:  Name: Nasir Altaf  Designation: Social Safeguards Specialist  Signature	Reviewed By:  Name: Tehmina Kiran  Designation: PO ESM-PMDFC  Signature	Endorsed By:  Name: Muhammad Dawood  Designation: MOP  Signature
---	---	--



## Pictures of Peer Azmat kala Gujran park Jhelum Field Visit







Estimated IEE Implementation Cost Constrcution of Kala Gujran Park			
Item	Quantity	Tentative Cost/Item- Rs./-	Total Cost
A-PPEs			
Face Masks (3 PLY) - box	30	300	9000
Safety Hard Helmets	15	3,000	45000
Safety Shoes	15	3,000	45000
Hand Gloves	15	1,000	15000
Ear Plugs	15	500	7500
Reflective Safety Vest	15	1,000	15000
Safety Goggles	15	500	7500
B-Community Health and Safety			0
First Aid Box Complete	1	10,000	10000
Infrared Thermometer (Benetech GM-2200 or equivalent)	1	40,000	40000
Safety Signs	5	15,000	75000
Safety Cones	10	1,000	10000
Safety Tapes	20	1,500	30000
Emergency Portable Lights	2	3,000	6000
Fire Fighting Equipment Purchase and refilling	1	10,000	10000
Pole Hanging Waste Bins	1	12,000	12000
Labor Campsite Management	Lump sum		100,000
Social and Behavior Change Campaign	Lump sum		100,000
C- Environment Quality Testing			
Ambient Air Quality-during and after construction	2	85000	170000
Noise Quality-one sample during & after construction	2	1000	2000
Water Quality-one sample during & after construction	2	22000	44000
Total (PKR)-A+B+C+D			753,000