



Environmental and Social Screening Report

Construction and Rehabilitation of Badminton Court at Agha Khan Park

July 15, 2021

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List of Acronyms

AED	:	Anti-Encroachment Drive
BP	:	Bank Procedure
GDP	:	Gross Domestic Product
GoS	:	Government of Sindh
DMCs	:	District Municipal Corporations
KMC	:	Karachi Metropolitan Corporation
CLICK	:	Competitive and Livable City of Karachi
PDOs	:	Project's Development Objectives
LCs	:	Local Councils
UIPT	:	Urban Immovable Property Tax
SSWMB	:	Sindh Solid Waste Management Board
ESR	:	Environmental and Social Screening Report
EA	:	Environmental Assessment
ESC	:	Environmental and Social Cell
EIA	:	Environmental Impact Assessment
ESMP	:	Environmental and Social Management Plan
SEPA	:	Sindh Environmental Protection Agency
OP	:	Operational Policy
ESMF	:	Environmental and Social Management Framework
RoW	:	Right of Way
IEE	:	Initial Environmental Examination
PPEs	:	Personal Protective Equipment's
PAPs	:	Project Affected People
ESS	:	Environmental social screening

Chapter 1: INTRODUCTION

1.1. Project Background

Karachi is Pakistan's largest city, its economic and financial hub and main seaport. However, despite its higher contribution to the national and regional economy, due to the heavy influx of population and a continued neglect in the development and upkeep of the urban infrastructure and related services over the last few decades, it is now considered among the world's least livable cities. The city ranks in the bottom five cities (out of 140), performing poorly in the dimensions of livability, health, environment, safety and education.

The Karachi City Diagnostic Study estimates an investment requirement of at least US\$9-10 billion over the next 10 years to close the infrastructure and services gaps.

During the last few decades, Karachi has suffered infrastructure neglect and declining access and quality of urban services. The city's urban planning; management and service delivery has been unable to keep pace with the needs of the growing population. Karachi's infrastructure challenges are compounded by the city's high risk and vulnerability to climate-related disasters. Despite being a relatively dry city, Karachi faces heavy rainfall during the monsoon season and is highly vulnerable to recurrent and massive flooding. Increasing flooding events are mainly a result of the poor performance of the city's drainage system, which is largely blocked by uncollected solid waste and unplanned informal settlements along the drainage channels. The World Bank is assisting the Government of Sindh (GoS) for strengthening the institutional and financial capacity of the Karachi local councils (Karachi Metropolitan Corporation (KMC), six District Municipal Corporations (DMCs) and District Council Karachi) to deliver and maintain critical urban infrastructure and services through the project 'Competitive and Livable City of Karachi (CLICK)'.

1.2. Project Components

There are following four components of the project:

Component 1 – Performance-Based Grants to Local Governments and Capacity Building

This component will finance the provision of performance-based grants (PBGs) to Karachi local councils (LCs) upon achievement of specified institutional strengthening measures, to incentivize LCs to improve management capacity and enhance city competitiveness. LCs will use these grant funds to implement subprojects for infrastructure and services under their mandate, in line with the needs of citizens and businesses. To assist LCs in achieving the institutional strengthening measures, and to manage and implement the performance grants system, this component will also finance the provision of technical assistance (TA), and project implementation and management, by the Local Government Department (LGD) of GoS. Subprojects to be implemented by LCs will be selected based on a comprehensive screening and risk reduction procedure.

- **Sub-component 1.1:** *Performance-based Grants to Local Councils; and*
- **Sub-component 1.2:** *Technical Assistance and performance grants implementation and management.*

Component 2 – Technical Assistance for reforming urban Property Tax administration and system indicative financing

Component 3 – Improving City's Competitiveness and Business Environment

Component 4 – Technical Assistance for Solid Waste Management (indicative

Chapter 2: LEGISLATIVE REQUIREMENTS

2.1. Legislative Requirements

This section of the screening report document gives an overview of the legislative requirements that apply to the proposed sub-project. The activity is expected to comply with all the national, provincial and World Bank safeguard requirements including World Bank Operational Policies and Sindh Environmental Protection Agency (SEPA) laws and all the required regulatory clearances will be obtained. Legal provisions relevant to environmental protection applicable to the design, construction and operation were identified under the scope of the ESR. The Local Council (LC) and Construction Contractor will be informed of these requirements and are legally bound to comply with the provisions as applicable.

Different relevant National and Provincial laws, policies and strategies for the proposed projects are mentioned below:

2.1.1 National and Provincial Requirements

2.1.1.1 National Policies and Laws

- Pakistan Penal Code
- The Antiquities Act, 1975

2.1.1.2 Provincial Policies and Laws

- Sindh Environmental Protection Act 2014 (SEPA 2014)
- Sindh Environmental Protection Agency (Review of IEE and EIA Assessment) Regulations, 2014
- The Sindh Local Government Act 2013
- The Karachi Water and Sewerage Board Act, 1996 (KWSB Act. The Sindh Differently Able Persons (Employment, Rehabilitation and Welfare (Amendment) Act, 2017
- The Sindh Commission on the Status of Women Act, 2015
- Sindh Bonded Labour (Abolition) Act 2015
- Sindh Minimum Wages Act, 2015
- Sindh Payment of Wages Act, 2015
- The Sindh Occupational Safety and Health Act (2017)
- The Sindh Transparency and Right to Information, 2016
- Sindh Cultural Heritage (Preservation) Act, 1994

2.2.2 World Bank Safeguard Policies

Relevant World Bank safeguards policies triggered are as given in Table 2.1 below:

Table 2.1: Safeguard Policies Triggered and Compliance Status

#	Environmental Assessment	Policy Reference	Triggered	Remarks
1.	Environmental Assessment	OP/BP 4.01	✓	CLICK is categorized as category B with partial assessment. The sub-project has been screened as per OP 4.01 and is envisaged to have low to minor environmental and social impacts. The sub-project involves only small-scale construction and rehabilitation within the existing park.
2.	Physical Cultural Resources	OP/BP 4.11	✓	Even though this OP has been triggered for this project, the requirements are not envisaged to be applicable for this activity. The sub-project activities will be carried out along the existing park will small-scale rehabilitation and construction with no adverse impact on any cultural, archeological, historical, heritage, or religious significant site being observed.
3.	Involuntary Resettlement	OP/BP 4.12	✓	This OP is triggered for the overall project of CLICK. For the subproject activity, screening has been carried out to ensure that there is no dispute and tenants or encroachment over the land used for the proposed sub-project, as well as not any Anti encroachment drive being carried out.
4.	Access to information	BP 17.50	✓	This OP has been triggered for the overall project. It has been ensured that sub-project related information is put on the websites of KMC and CLICK and has been shared with the stakeholders to improve the design and implementation of the project.

Chapter 3: SUB-PROJECT DESCRIPTION

3.1 Details of the Sub-Project

The Agha Khan Park is surrounded by houses and provides a sort of recreational facility to the local residents. In this park, a small open space is available, which can be used for a badminton courtyard. As for females, considering religious values, some closed and separate space is required for sports activities. To achieve this goal, in this phase KMC is planning to construct a badminton court for women.

As per tentative estimation the cost of proposed of sub project Badminton Court at Agha khan Park is approximately 15.00 million PKR.

3.2 Sub-Project Features

The Park is spread over an area of 2.40 acres (9712.46 square meter) and the total area required for the proposed badminton court is **290 square meter**. The proposed sub-project includes pre-cast construction and installation works. The sub-project features can be seen in **Table 3.1**

Table 3.1: Sub-project salient features

Sub-Project salient Features	Details
Badminton Court	STRUCTURE Structure work ARCHITECTURE <ul style="list-style-type: none">• Damp-proof course & masonry works• Metal works• Doors & windows works• Floor finishes• Internal wall finishes• External finishes

3.3. Sub-Project Location

The proposed sub-project is located at Zone B, Block 7 Clifton Karachi. It lies between "N 24°49'48.23"N, 67° 1'54.29"E. It is spread over an area of about **290 square meter**, which is easily accessible through a link road connected by Khayaban-e-Iqbal Road. The location map of the proposed sub-project can be seen in below **Figure 3.1**.

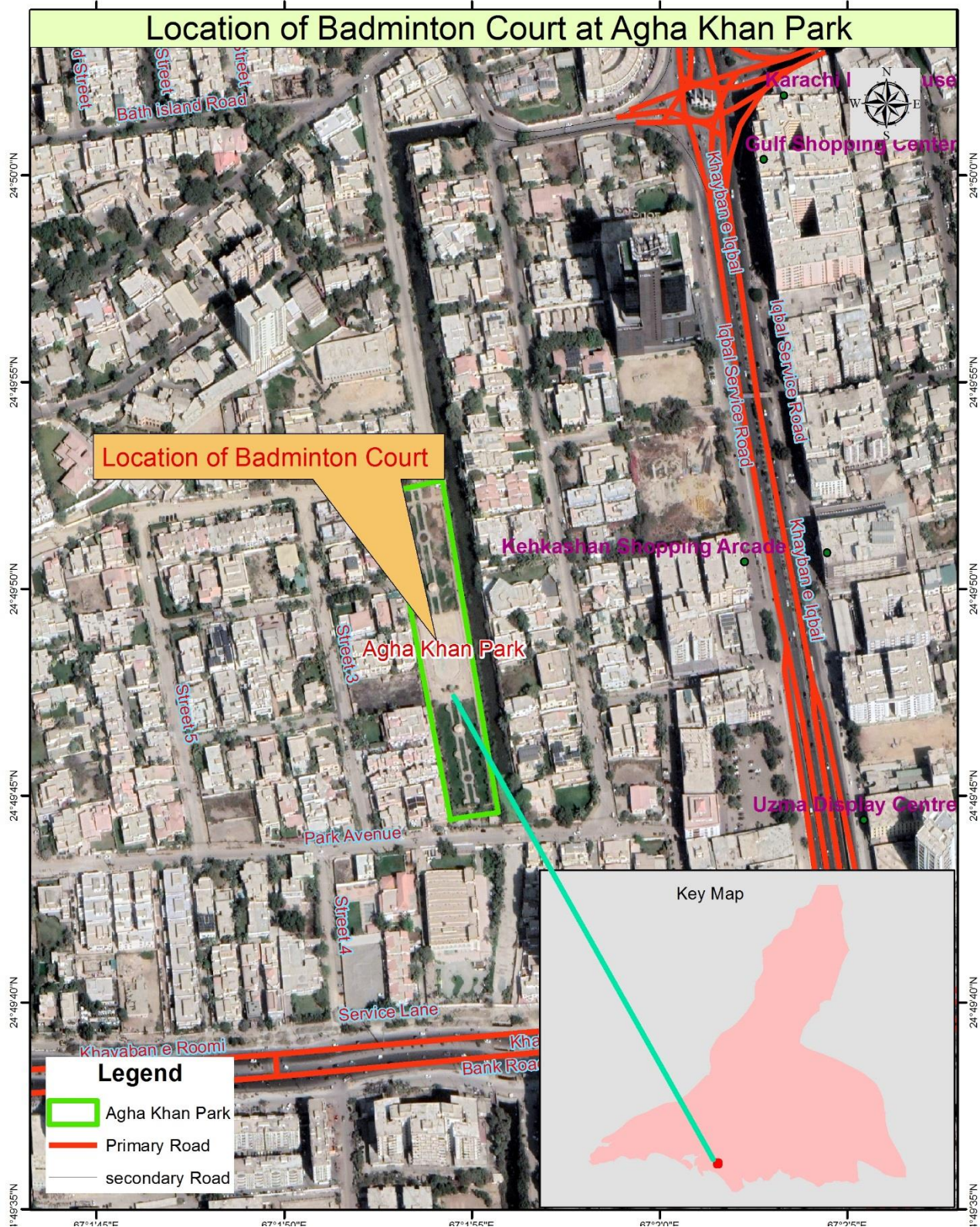


Figure 3:1: Location Map of the proposed Sub-Project

3.4. Sub-Project Significance

Karachi has seen dramatic growth over the last few decades, with a population increasing by over a million people to 16 million today. By 2050, this number is expected to reach almost double. Population growth and expanding urban development have, necessitated provision of recreational spaces. As population increases and associated urban growth continue, it will become increasingly important to create more recreational opportunities in order to maintain the region's unique character, high quality of life, and environment. Rehabilitation and reconstruction of such spaces improve our physical and psychological health, strengthen our communities, and make our cities and neighborhoods more attractive and competitive places to live and work.

In general, women do not enjoy the same privileges as men when it comes to recreational spaces. Despite multiple platforms created for leisure purposes, women and their needs are not always considered, let alone prioritized. There are many obstacles that women face in public spaces, therefore, KMC is committed to making a positive impact on the livability of Women citizens of Karachi also by providing well-planned Badminton building with necessary facilities for recreational purposes.

The proposed sub-project will curtail the safety, freedom, harassment, restriction, inaccessibility to recreational spaces issues.

3.5. Environmental Setting

The proposed sub-project site is located in the urban setting of District South, Clifton, Karachi. For a better understanding of the adjoining environment, important landmarks are identified with respect to accessibility to the project area. The proposed sub-project area lies in the heart of the city in a densely populated urban area. The area occupies the posh localities of the district with huge infrastructure including educational facilities, shopping malls, restaurants and recreational areas. Photographs of the surrounding of the proposed sub- project can be seen as **Annex-A**.

3.6. Sub-Project Commencement Details

The sub-project construction activities are expected to be initiated by July-2021 which will be continued till December 2021. The expected timeframe for the proposed sub-project can be seen in Table 3.2 below.

Table 3.2 : The Tentative Schedule for the proposed sub-project

Details	Duration
Expected date for the start of Construction/Rehabilitation Activities	After receiving necessary approvals in FY 2020-21 and included in bidding document
Expected year for completion	Dec-2021

3.7. Sub-Project Activities

3.7.1. Design Phase

This phase provides the basis for construction activities, adopted methodology and technologies that will be involved. To design the sub-project consultancy services have been taken on-board for providing assistance in planning construction activities, preparing architectural/engineering design, cost estimation, preparation of bidding documents, contracts procurement, bid evaluation, construction supervision, quality assurance, and monitoring and evaluation of civil works (sub-projects) and contract management under

CLICK. After the World Bank approval, the consultant will assist in detailed architectural/engineering design and provision of construction drawings for the sub-project.

3.7.2. Construction Phase

The construction activity of the proposed Sub-Project will commence after getting approval from the World Bank. This phase will involve the civil works as following:

STRUCTURE

- *STRUCTURE WORK (foundation for the installation of pre-cast members)*

ARCHITECTURE

- Excavation from natural ground level up to the required level for foundation, trenches and tanks in all kind of soil & rocks (hard, medium, soft, silty, clayey slit, sandy, gravel, lime stone.
- Damp-proof course & masonry works
- Metal works
- Doors & windows works
- Floor finishes
- Internal wall finishes
- External finishes.

Standard and environmentally friendly construction materials and practices will be employed. The types of environmentally friendly construction materials used will be:

- Cement,
- Precast concrete,
- Wood,
- Steel,

Materials generate less emissions and energy in their manufacturing and production, with a direct reduction in carbon emissions. Using these materials in the civil works will be more beneficial due to their environmentally friendly nature with respect to the locally use material.

3.7.3. Operation and Maintenance Phase

The overall responsibility of compliance of the operational phase will lie with the KMC in line with the existing practices and EMF and SMF of CLICK as well as any relevant measures proposed in this ESR. The operation and maintenance phase of the badminton court will be financed by KMC as per the EMF operation and maintenance work will be carried out by KMC.

In the organizational hierarchy of KMC, Director General (Technical Services) and Senior Director (Municipal Services) under Municipal Commissioner, will be overall responsible for the operation and maintenance of KMC projects.

Chapter 4: STAKEHOLDERS ENGAGEMENT

4.1. Stakeholders Consultation

The stakeholder's engagement and consultations have been carried out with the people of the proposed sub-project area at the pre-qualification phase, by following the methodological steps, guidelines and procedures for social screening defined in Social Management Framework (SMF) of CLICK. The purpose and methodology for the social screening process is aimed to determine that which activities of the proposed sub-project are likely to result in significant positive or negative social effects, with a view at determining appropriate impact mitigation measures for those activities to ensure sustainability of the subproject. Due to COVID-19 situation public meetings were restricted by provincial government therefore, one to one meeting/discussions were conducted adopting the COVID-19 Standard Operating Procedures, at the sub-project location 22nd February 2021 with people of the area as part of the environment and social screening study. The outcome of the consultations and determined social considerations are adhered in decision making and in carrying out the sub-project activities.

Information dissemination was ensured for the proposed project and complaint registration number has also been provided on website, social media and on banners at the project site. To address the grievances the consultation meeting progressed in the following manner:

- An overview of the Project, Sub-project and screening process was provided to the community representatives in the local language.
- Participants were given the opportunity to raise queries or concerns regarding the Sub-project. Queries were responded to and concerns were documented.

The list of consultation participants is attached as **Annex B** and pictorial presentation of the activity as **Annex C** respectively.

4.2. Issues / information

The following information was shared with the people/Community:

- Sub-project selection methodology and its sources of assistance, implementation/execution methodology,
- Information on perceived benefits from the proposed sub-project.
- Construction activity whether causing any type of health hazard or not? And mitigation measures.
- Discussion among the public for sharing of information related to project, environment and social policy of World Bank, direct and indirect impacts of improvement/construction work on the environment.
- Any loss of land/structure/ business or other community property due to construction activity?
- Any risk to historic or cultural monuments due to the project.
- Possible types of problems faced by the locals in their daily activities due to construction work.
- The influx of labor during the construction stage of the project.

4.3. Feedback received

The main issues and concerns raised or feedback received from the community representatives of the area and the PIU/KMC Response is summarized in Table 4.1 hereunder:

Table 4.1: Key Community Stakeholder Concerns and PIU Response

S. No.	Stakeholder Feedback	PIU/KMC Response
1	It was suggested that work on Badminton court should be completed in time without any delay.	After obtaining necessary approvals the sub-project will be completed in a expeditious manner.
2	Agha Khan Park is relatively located in an established neighborhood; the park is in a good condition. However, some visitors bring their pets (dogs/cats) along with them which is disturbing for many the visitors, mainly for their children. They get scared and constantly remain under fear of getting attacked.	Social Safeguard specialist and Director General Parks, assured the residents that these issues will be taken up in the meeting of 'Bagh Ban' (volunteer working committee for ensuring community involvement and ownership: replicable model) and a workable solution of these issues will be sorted out. Exclusive timing for such groups may be considered. DG Parks, KMC encouraged the residents to raise issues on the exclusive WhatsApp group to trigger prompt remedial actions.
3	Local residents and sub-contractors should be given priority for jobs during the construction phase.	The sub-project is not a labor-intensive project, However, priority will be given to the qualified local residents and sub-contractor fulfilling the criteria/ prompt reports.
4	Parks lights are not functioning properly. It's important to ensure proper repair and maintenance of the street lights to ensure an uninterrupted lighting facility.	DG Parks KMC directed the ancillary staff to look into the matter and resolve the issues immediately
5	Female participants raise some security concerns: In order to address security concerns as a significant number of females visit Agha Khan Park, therefore, there is a critical need for raising boundary walls with associated barbed wires to ensure safety and security for all.	DG Parks shared that we are cognizant of these issues and the purpose of nominating this park under CLICK is to address these issues in a comprehensive manner.
6	The majority of participants recommended that a female badminton court should be established with the required facilities. Apart from walking tracks, there is no sporting facility for females.	DG Parks KMC, reiterated that Agha Khan Park is a prime example of an ideal neighborhood park. A sporting facility especially for women will enhance the utility of the park. No such facility currently exists in the vicinity
7	Solid waste produced during Badminton court construction activities should be disposed off timely.	The contractor will be made responsible for timely disposal of solid waste produced during construction of the Badminton court.
8	The stakeholders show their concerns regarding Health and Safety of the residents.	KMC ensured that the requisite environmental management and EHS measures shall be duly incorporated in the contractors' document, and it will be implemented strictly. Moreover, the construction of Badminton court is a small scale sub project, however, any disturbance to local residents will be

		avoided ensuring implementation all Health and Safety Protocols.
9	Several respondents appreciated the proposed sub-project and KMC's initiative for construction of Badminton court for women. They said that the proposed project would bring healthy activity for local residents.	The KMC/PIU officials Acknowledged their participation and appreciation.

During the consultation process about the proposed sub-project, people expressed keen interest in the proposed sub-project. People, in general, were very enthusiastic about the benefits of the sub-project for the residents and females in particular. People seemed willing extend all types of support during the execution of the sub-project as their major difficulties would be addressed after completion of the sub-project.

Chapter 5: ENVIRONMENTAL MANAGEMENT PLAN

5.1 Methodology of Environmental and Social Screening

The environmental and social screening for the sub-project has been carried out by making use of the methodology provided in the approved Environmental and Social management framework (ESMF) Screening Checklist and Screening Questions for Involuntary Resettlement/Indigenous People (**Annex D**) and (**Annex E**). The environmental impacts are localized, low intensity, and temporary in nature which could be easily avoided or mitigated. There will be no involuntary land acquisition, and therefore there will be no physical displacement or impacts on livelihoods, nor restrictions on access to the local community. Team composition details for the study are attached as **Annex F**.

5.2. Overall Screening Outcome

The proposed sub-project will not have any significant environmental & social impact because the project will not involve any diversion of forest land, destruction of ecological resources, displacement of people, acquisition of private land, demolition/removal of existing structures or any other major environmental threats/risks. The land belongs to the KMC/Government of Sindh. Hence there are no significant social impacts; therefore, no further special study or detailed/social impact assessment needs to be undertaken.

The proposed sub-project will not have any significant environmental & social impact because the project will not involve diversion of forest land, destruction of ecological resources, displacement of people, acquisition of private lands, or any other major environmental threats/risks. There may be some short-term inconvenience to the local users due to construction/Rehabilitation of the Badminton court but it will be for a very short period if compared with its long-term benefits to the local citizen. Additional issues identified include as related Occupational, Health and Safety (OH&S) issues, generation of solid and liquid waste and air emissions which are expected to be short-term, localized and reversible in nature. The activity is expected to have long-term benefits for the local citizens. Therefore, no IEE, EIA, or ESMP is required for the subproject site.

As such, no IEE, EIA and separate ESMP is required for the subproject site. However, the mitigation measures proposed in this ESR report should be implemented for the proposed sub-project.

5.3. Statutory Clearances/ No Objection Certificate

The sub-project comprises installation of the pre-fabricated structure and a small-scale construction of its foundation with no major exaction or concrete works, it will be under use of the local residents for a long time and the site has already been under the possession of the KMC for a long time. Only Statutory clearance from the Karachi Commissioner's Office was to be obtained by the KMC, which is attached as **Annex J**.

5.4. Implementation of ESR

Contractor for the sub-project will be provided with a copy of the environmental screening & social monitoring checklists to make arrangements for necessary compliance with the proposed mitigation measures. Regular site visits will also be arranged to monitor the compliance of the mitigation measures and their proper implementation during construction phase.

- i. This environmental monitoring will be carried out with the help of the Environmental and Social Monitoring Checklist by the Focal Person of LC, ESC of PIU and Supervision Consultant.
- ii. Safeguards Team-PIU will also arrange regular visits at sites and meetings with concerned officials to check the compliance as prescribed in Environmental and Social Screening checklist.
- iii. Based on the prevailing scenario as mentioned in the

- iv. Environmental and Social screening checklist, Environmental and Social monitoring checklist will be filled out accordingly.
- v. Monitoring will also cover the analysis reports for air and noise where applicable.
- vi. Summary of the findings of the monitoring for the compliance of environment and social aspects will be submitted to World Bank.

5.5. Environmental and Social Mitigation and Monitoring

Environmental and Social Management and Monitoring Plan is developed to address the environment and social issues that may arise during construction activities:

Table 5.1: Environmental and Social Management and Monitoring Plan

Proposed Mitigation Measures	Implementation Responsibility	Monitoring Parameter(s)	Frequency	Monitoring Responsibility
Site Selection				
<ul style="list-style-type: none"> Selection of site that will result in a minimal loss of trees and soil erosion 	E&S Team of Contractor / Sub-contractor	Visual inspection	Before initiation, During Construction	Focal Person of LC, ESS and Supervision Consultant
Selection of construction material				
<ul style="list-style-type: none"> Environment friendly construction material will be used during construction phase like; <ul style="list-style-type: none"> - Cement - Precast Concrete slabs - Reclaimed or recycled wood and metal 	E&S Team, Site Engineer of Contractor / Sub-contractor	Visual inspection Purchase orders	Before initiation, During Construction	Focal Person of LC, ESS and Supervision Consultant
Noise				
<ul style="list-style-type: none"> The contractors would ensure keeping noise levels from construction vehicles and machinery is within safe limits. Vehicular and machinery will not be allowed to operate at night time. Noisy machines and vehicles will not be allowed at the sub-project site (noise level will not be more than 85 dBA at 7.5 m distance), properly tuned machines and vehicles will be allowed only. Pressure horns will not be allowed to be used for the construction vehicles. The contractor will adhere to the requirements of the mitigation plan contained in the contract documents with true spirit. Confining excessively noisy work to normal working hours (8am-5pm) in the day. 	E&S Team of Contractor / Sub-contractor	Up-to-date maintenance documents of vehicles and related machinery Use of machinery and equipment having less noise. Provision for personal protective equipment (PPE's), ear muffs/ear plugs to workers. Noise level testing will be carried through SEPA	Pre and During Construction of the sub-project	Focal Person of LC, ESS and Supervision Consultant

<p>Maintain all vehicles in order to keep them in good working order in accordance with manufactures maintenance procedures - Making sure all drivers will comply with the traffic codes concerning maximum speed limit and driving hours;</p> <ul style="list-style-type: none"> Providing construction workers with suitable hearing protection such as earmuffs and training them in their use. Heavy machinery like percussion hammers and pneumatic drills should be used at a minimum level and should not be used at all during the night. 		***certified Lab.		
Air Emissions				
<ul style="list-style-type: none"> Regular water sprinkling will be the responsibility of the contractor at the dust generation points, during rehabilitation activities. Water will be also sprinkled at vehicular and machinery movement routes to avoid dust spreading to the nearby community as required. In addition, the provision of dust masks and ensuring their use by the workers will also be the responsibility of the contractor. All vehicles, machinery, equipment and generators used during construction activities should be kept in good working condition and be properly tuned and maintained to minimize exhaust emissions. Stockpiled materials will be covered to avoid dust/particulate emission. Air quality analysis will be carried out before and during construction by the contractor through engaging SEPA certified contractor, that will be shared with PIU Team. The stack emissions from generators, 	E&S Team of Contractor / Sub-contractor /	<p>Visual inspection</p> <p>Provision of PPEs to the workers</p> <p>Maintenance records of equipment and machinery</p> <p>Ambient Air Quality Analysis (SO_x, NO_x, CO, PM₁₀, PM_{2.5}, O₃,) by SEPA approved environmental laboratories</p>	Pre and During Construction of the sub-project	Focal Person of LC, ESS and Supervision Consultant

(if used), minor excavations and vehicular/machinery movement at the site can affect the ambient air quality at sub-project site. It will be the responsibility of the contractor to use well-maintained generators and vehicles/machines to keep ambient air quality within the desired level. The contractor will be obliged to provide fitness certificate/maintenance records of the generators, vehicles and machines before deploying them at the construction sites.				
Solid Waste				
<ul style="list-style-type: none"> The debris (rejected material) produced during construction would be disposed-off in government approved/allocated disposal sites. Leftover material would not be dumped into storm water drains or watercourses, because such practices can clog these man-made and natural drainage systems and cause many other problems for the residents/Local Commuters. Non-toxic and biodegradable materials will be used whenever possible. Hazardous materials such as chemicals, oils, heavy metals, and harmful solvents, will be properly collected transported and stored in appropriate containers with clearly visible labels. Hazardous materials will be stored at least 100 feet from any down gradient drainage or within secondary containment capable of containing its entire volume (if any generated such as electric batteries). Equipment and work areas will be regularly 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant

<p>inspected for signs of leaks and spills. Spill containment and cleanup kits will be available wherever hazardous materials are being used or stored. Any incidental spills or leaks will be contained and cleaned up as soon as it is safe to do so. Any contaminated soil will be collected and disposed of in an appropriate landfill.</p> <ul style="list-style-type: none"> • Equipment refueling and maintenance will be limited to designated areas at least 30 meters (100 feet) from any down gradient drainage. • Solid Waste will be safely disposed in demarcated waste disposal sites or dedicated garbage transfer stations (GTS) • A contract with SEPA Approved waste contractors should be made in case hazardous waste generates from the site, defining the schedule for hazardous waste management and its disposal. • Burning of waste oil should be strictly prohibited. 				
Water Pollution				
<ul style="list-style-type: none"> • Proper disposal of solid waste in designated site to sustain the water and land quality for domestic requirements. Solid waste will not be thrown in Nullah or any water body present in the area. 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant
Vehicular Traffic				
<ul style="list-style-type: none"> • Only drivers with a valid license and car registration documents will be allowed to drive the vehicles. • The drivers will be trained to strictly adhere to local traffic laws. • At all times, the contractor will provide safe and convenient passage for vehicles, 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant

<p>pedestrians and livestock, and will not cause any hurdle on the road for commuters.</p> <ul style="list-style-type: none"> • Appropriate safety precautions will be taken when transporting large equipment on public roadways. • proper road signage during construction period, followed by provision of adequate and safe pedestrian crossings and walkways 				
Flora and fauna				
<ul style="list-style-type: none"> • Avoid unnecessary cutting of plant species during site clearance if needed; • Limiting vehicular transport to defined roads as to prevent unnecessary injury and habitat destruction; 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant
Occupational Health and Safety				
<ul style="list-style-type: none"> • The labor having transmittable diseases should not be allowed on the construction site; • The contractor will ensure and strictly implement the SOPs regarding COVID- 19 (refer to Annex H), including daily body temperature check, daily disinfection, quarantine management, area access management, PPEs, emergency response, and drills; • Only skilled workers will be allowed to work at the construction site; • Provision of first aid facilities for workers at site for meeting the emergency needs of workers, and providing basic medical training to specified work staff and basic medical service and supplies to workers; • Observe and maintain standards of Health 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant

<p>and Safety towards all employees in line with WB EHS Guidelines along with Sindh Occupational Health and Safety Law</p> <ul style="list-style-type: none"> • The contractor will ensure that hazards associated with manual lifting are controlled by proper lifting techniques, Work rotation system will reduce the chances of being exposed to work-related stress associated with construction activities. • Unauthorized personnel will not be allowed to access the proposed project site without permission and safety permits. • Workers should be facilitated by providing appropriate work specific personal protective equipment (PPE's); • Training and use of personal fall arrest systems, such as full-body harnesses and energy-absorbing lanyards as well as fall rescue procedures to deal with workers whose fall has been successfully arrested; • Provide persons working on the site with appropriate training, equipment and the information necessary to ensure their safety; • The facility should have firefighting system, Proper ventilation system, first aid facilities; • Mosquito repellent to be provided to the labors such as coil and sprays. The camps may maintain cleanliness and hygienic condition. • Proper ventilation may be provided in labour camps. • Contractor will maintain a labour register with name, age and sex with supporting document (preferably copy of ID card). 				
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Labor Living and Working Conditions				
<ul style="list-style-type: none"> The worker's Grievance redressal mechanism must be developed and communicated among workers to lodge complains; Workers should be provided with clean drinking water and hygienic food for free; Avoiding Gender Based Violence. Contractor will prepare and implement robust measures to address the risk of gender-based violence that include (i) mandatory and repeated training and awareness raising for the workforce about refraining from unacceptable conduct toward local community members, specifically women; (ii) informing workers about national laws that make sexual harassment and gender-based violence a punishable offence which is prosecuted; (iii) Introducing a Worker Code of Conduct as part of the employment contract, and including sanctions for noncompliance (e.g., termination), and (iv) contractors adopting a policy to cooperate with law enforcement agencies in investigating complaints about gender based violence. Use of child and forced labour will be strictly prohibited. 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post- execution of sub-project	Focal Person of LC, SSS and Supervision Consultant
Community Health and Safety				
<ul style="list-style-type: none"> Maintain a complaint register on site and it must be communicated to the internal staff and the public Close consultation with local communities to identify optimal solutions where needed Contractor shall give preference to local community members in the Project Area 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, SSS and Supervision Consultant

of Influence, to the extent feasible, with respect to the employment of unskilled labor <ul style="list-style-type: none"> Community grievances will be recorded and responded to on an urgent basis; No Hazardous and non-hazardous waste will be dumped outside any community. 				
Socio-Culture and Cultural Heritage				
<ul style="list-style-type: none"> Contractor will not cause any damage or harm to cultural heritage around the project area. In case of any finding Chance find Procedure will be followed (refer to Annex I) Pollution such as noise and dust generation will be avoided while working close to religious and ancient site. Contractors would be trained to address privacy issues behave ethically. The contractors staff must be trained enough to respect local norms. 	E&S Team of Contractor / Sub-contractor /	Site Visit Public Consultation	During execution of sub-project	Focal Person of LC, SSS and Supervision Consultant
Site Restoration				
<ul style="list-style-type: none"> Contractor should obtain approval for excavation and submit the plan of rehabilitating the site after excavation. Site restoration must be completed immediately after completion of the sub-project. 	E&S Team of Contractor / Sub-contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS, SSS and Supervision Consultant

Recommendation for operation and maintenance: CLICK does not support operation and maintenance of the proposed sub-project. However, KMC is requested to follow the following measures to mitigate the environmental and social impacts during operation phase.

OPERATIONAL PHASE				
<ul style="list-style-type: none"> Daily removal of dirt and substances Daily cleaning of floor for its shine 	E&S Team of Contractor / Sub-	Visual inspection	During and Post execution	Focal Person of LC, ESS, SSS and

maintenance <ul style="list-style-type: none"> • Clearing of mark points of boundary play court area • All other necessary items should have wheel for not scratching surface. 	contractor /		of sub-project	Supervision Consultant
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5.6. ESMP/ESR Budget

- The cost for the implementation of construction stage activities given in this ESMP/ESR will be included within the civil works contract for this sub-project with total cost of **Rs. 301,650 PKR.**

Table 5.2: ESMP/ESR Implementation Cost

Name of item	Quantity	Unit Rate	Total Amount in PKR
Masks Box	04	300	1,200
Safety Shoes	15	1,500	22,500
Safety Gloves	15	100	1,500
First Aid Box	04	600	2,400
Ear Plugs	15	70	1,050
Safety Helmets	15	450	6,750
Safety Jackets with reflectors	15	300	4,500
Sanitizer	04	250	1,000
Thermo-gun	01	3,000	3,000
Provision of Dust Bins	03	1,000	3,000
Reflective Tape	05	200	1,000
Safety cones	08	750	6,000
Safety boards	02	1,000	2,000
SUB TOTAL 01			55,900
Environmental Analysis (By engaging Sindh EPA Certified Laboratory)			
Ambient Air Quality Analysis (SO _x , NO _x , CO, PM _{2.5} , PM ₁₀ O ₃ .)	02	37,500	75,000
Noise Level Monitoring	02	1000	2000
SUB TOTAL (2)			77,000
OTHERS			
Water sprinkling			100,000
Internal Training for sub-project construction staff comprises: <ul style="list-style-type: none"> - Project overview - ESMP/ESR implementation, communication, documentation and monitoring, and reporting requirement - GBV/SH - Code of Conduct - Grievances Redress Mechanism 	01	62,500	62,500
Project dissemination materials such as banners, flayers,		6,250	6,250
SUB TOTAL (3)			168,750
GRAND TOTAL (1+2+3)			301,650

Note:

Supervision of this ESMP/ESR implementation is already included in the consultant's scope of work.

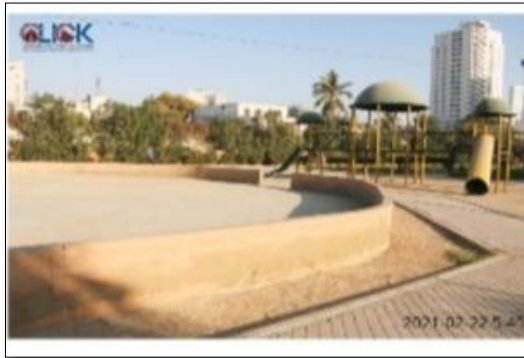
Chapter 6: RECOMMENDATIONS

Overall, the sub-project will have positive social and environmental impacts. The proposed sub-project will achieve its objective of providing a healthier and livable, secure and safe residential environment to the local residents in an urban settlement. The proposed sub-project will also enhance the safe lifestyle of the area and it will also comply with all legislative requirements and standards listed under the ESMF, Contractual Documents and in this ESR report.

Recommendations made for the sub-project development on the basis of ESR are given below:

- The selected Contractor must implement the proposed mitigation measures mentioned in this ESR and Environmental Management Framework (EMF) and Social Management Framework (SMF) of CLICK.
- The selected Contractor must also ensure that all the safety and security (HSE) procedures are in place and implemented in true spirit which includes but is not limited to the use of safety nets/sheets, erection of safety warning signs, provision of the necessary Personal protective equipment (PPE) for the workers and warning signs for the road users and passersby.
- The selected Contractor must ensure that the building materials are sourced from genuine and certified suppliers.
- The selected Contractor should also take due care of the local community, construction activity related issues regarding women (e.g. sexual harassment, gender based-violence), and its sensitivity towards local customs and traditions of local culture.

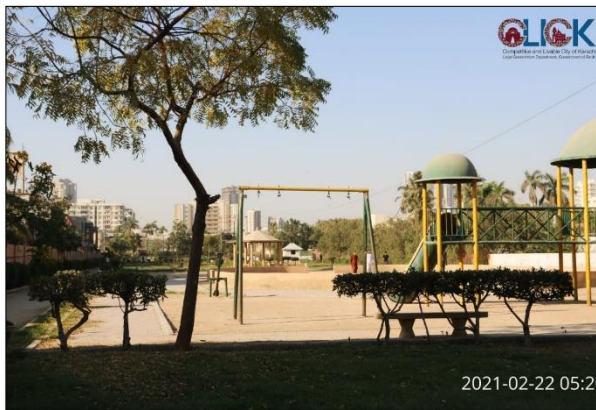
Annex A: Photographs of the Surrounding of Proposed Sub-Project



Existing open space where Badminton court will be constructed



Existing parapet wall around open space



Green view of Park



Main Gate of Park

Annex B: List of Participants



COMPETITIVE & LIVABLE CITY OF KARACHI
LOCAL GOVERNMENT DEPARTMENT
GOVERNMENT OF SINDH



Date: 22/2/2021

CONSULTATIVE WORKSHOP AT AGHA KHAN PARK

S#	Name	Designation	Department	Contact No.	Email	Signature
1	Mushtaque Ali			0333-2611287		
2	Alia Rustonji			02135861746	alia.rustonji@gmail.com	
3	Dr. Fahim Raza			0333-3564520		
4	Mrs Niaz			0333-2201860		
5	Amir Ghaffar			0333-3187241		
6	Razia Sial			03003496108	raziasm/03003496108	
7	Nadia			03332815161		
8	Bahadur Ali			03002703760		
9	Pajwal					
10	Wabeem			03343411024		
11	Butt			03008277767		

1st Floor, DMC South Office, S.R.C. Captain Road, Haqqani Chowk, Azam Nigh Karachi.

Note: The stakeholder consultation participants only involved the general public.

Annex C: photograph showing Stakeholders' Consultation



Public Consultation participation



DG parks giving response to local residents queries



Public Consultation



Local Resident along DG parks, KMC sharing his thoughts regarding Sub project

Annex D: Environmental and Social Screening Checklist

- Country	PAKISTAN
- Project Title	Competitive and Livable City of Karachi (CLICK), LGD, Sindh
- Sub-project Title	Construction and Rehabilitation of Badminton Court at Agha Khan Park

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
Project Siting Is the project area							
1. Densely populated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The proposed badminton court is located in congested urban setting, and this facility especially for women and girls to get healthy environment.</p> <p>Mitigations The construction contractor will follow applicable World Bank's Environmental Health and Safety Guidelines as provided in the ESR. This EMP will be part of the contractor's bidding documents and the costing of the mitigation measures will be included in the BOQ.</p>
2. Heavy with development activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No development activity is going on in the surrounding area.
3. Adjacent to or within any environmentally sensitive areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sensitive area is around
4. Cultural heritage site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>No cultural or heritage site is in the vicinity of this project. However, a Chance Finds Mechanism has been prepared and annexed as I.</p> <p>The contractor will also ensure training of the workers in case in chance find is encountered. This training will be part of the overall training delivered by the contractor.</p>
5. Protected area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The area is well in the use of the residents as well as motorists and regular traffic and is not protected.

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
6. Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are no wetlands present within or close to the project site
7. Mangrove	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mangroves are present in the vicinity of the proposed sub-project area, at approximately 500-1000 m distance. The proposed small activities are not likely to cause any disruption to the mangroves or ecosystem of the project area since the activity is confined within boundary of the park..
8. Estuarine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No estuarine area is present around the project area.
9. Buffer zone of protected area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No buffer zone viz. a river lake, open space, trees, shrubs in its immediate surroundings. However, mangroves are present at safe distance.
10. Special area for protecting biodiversity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The area is in use of regular inhabitants and no special area for the protection of biodiversity exists.
11. Forest	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No forested area or a forestation is around
12. Bay	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No bay is around this project
B. Potential Environmental Impacts (Construction Phase)							
1. Will construction camp site cause land clearing and tree cutting?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No construction camp will be constructed and will not cause any land clearing and tree cutting for it.
2. Will construction camp site interfere with the community?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No interference to the community as the facility is enclosed and free from any interference. For the given activity no establishment of construction camp is required.
3. Will construction camp site cause soil pollution?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There will be no construction camp, therefore, no soil pollution will be created.
4. Will construction camp generate domestic solid waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There will be no construction camp, therefore, no domestic waste will be created.

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
5. Will construction camp generate hazardous solid waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There will be no construction camp, therefore, no hazardous will be created.
6. Will construction camp generate sanitary wastewater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There will be no construction camp, therefore, no sanitary wastewater will be generated.
7. Will fire be a potential safety hazard at construction camp?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No construction camp will be established, therefore, no fire risk is anticipated.
8. Will construction camp activities cause air pollution?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No air pollution will be created during construction and all means of action will be taken for fire protection.
9. Will construction camp activities cause noise?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No construction camp will be established; therefore, no noise pollution will be caused.
10. Will construction activities require tree cutting?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This is only rehabilitation and minor civil works for establishment of Badminton Court, so there will be no requirement for tree cutting.
11. Will construction activities result in damaging existing local roads, bridges or other infrastructure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Sub-project activities don't involve damaging to any nearby and existing road, bridge and any other infrastructure.
12. Will construction activities involve use of explosives and chemicals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No explosive will be used during the construction or rehabilitation activities
13. Will construction activities disturb natural habitats?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No natural habitats will be disturbed as the project is for the rehabilitation or construction in closed vicinity in Existing Park's open space.
14. Will construction activities resulting impairment of historical/cultural monuments/areas and loss/damage to these sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The sub project site is located with the Park, where No historical/cultural monument is present. Therefore, it will not cause any harm or damaged to such historical sites.
15. Will construction activities generate noise?	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, noise will be generated from various sources such as construction machinery, generators, construction activities and

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
							<p>vehicular movement.</p> <p>Mitigations The contractors would ensure keeping noise levels within safe limits. Vehicular traffic and machineries will not be allowed to operate at night time. Noisy machines and vehicles will not be allowed to be used at the sub project site (noise level will not be more than 85 dBA at 7.5 m distance), properly tuned machines and vehicles will be allowed only. Workers will use noise protection equipment when working in a noisy area; Notifying and coordinating with residents adjacent to project area prior to construction to inform them of the possibility of temporary noise disruption, and how to report noise complaints in accordance with the proposed GRM; The contractor will adhere to the requirements of the ESR, and mitigation plan contained in the contract documents with true spirit.</p>
16. Will construction activities generate dust?	√	□	□	□	□	√	<p>There will be construction vehicles and machines which may generate dust emissions.</p> <p>Mitigations Regular water sprinkling will be the responsibility of the contractor at the dust generation points, during construction activities. Water will be also sprinkled at vehicular and machinery movement routes to avoid dust spreading to the nearby community. In addition, the provision of dust masks and ensuring their use by the workers will also be the responsibility of the contractor. All vehicles, machinery, equipment and generators used during construction activities should be kept in good working condition and be properly tuned and maintained to minimize exhaust emissions.</p>

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
							Stockpiled materials will be covered to avoid dust/particulate emission. Air quality analysis will be carried out before and during construction through engaging SEPA –certified Laboratory, that will be shared with PIU Team.
17. Will construction activities cause air pollution due to stack emissions from generators, construction machines and vehicles?	Yes	<input type="checkbox"/>	<input type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	<p>The construction activity may cause some air or dust impact a low to moderate level during rehab work, otherwise it will not import any air pollution.</p> <p>Mitigations The stack emissions from generators, (if used) and vehicular/machinery movement at the site can affect the ambient air quality at sub project site. It will be the responsibility of the contractor to use well maintained generators and vehicles/machines to keep ambient air quality within the desired level. The contractor will be obliged to provide fitness certificate/maintenance records of the generators, vehicles and machines before deploying them at the construction sites.</p>
18. Will construction activities generate asphalt emissions?	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No asphalt activity is involved in this project, therefore, no asphalt emission will be generated.
19. Will construction activities cause soil pollution?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No, the project construction/rehabilitation will not cause any soil pollution.
20. Will construction activities generate construction debris?	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	√	<input type="checkbox"/>	<p>Yes, as the sub-project will involve some small scale civil works, which will generate the construction debris.</p> <p>Mitigation The debris (rejected material) produced during construction would be disposed-off in government approved/allocated disposal sites. Leftover material would not be dumped into storm water drains or watercourses, because such practices can clog these man-made and natural drainage systems and cause many other problems for the residents/Local Commuters.</p>
21. Will construction activities generate hazardous solid	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	√	<input type="checkbox"/>	Yes, during the construction activities different types of hazardous solid waste including empty containers of paint, lubricants, grease,

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
waste?							<p>fuel, etc. oil filters, and construction waste will be generated, though in very small quantity.</p> <p>Mitigation</p> <p>The hazardous waste will be properly collected and temporarily stored at the impervious surface under shade. This waste will be handed over to the authorized waste collectors (SEPA Approved) so that it could be disposed of properly. The construction contractor will implement the mitigation measures provided in this screening report and elucidated in Table 5-1 above. In addition, following mitigations will be implemented in true spirit:</p> <p>Non-toxic and biodegradable product will be used whenever possible.</p> <p>Hazardous materials will be transported and stored in appropriate containers with clearly visible labels. Hazardous materials will be stored at least 100 feet from any down gradient drainage or within secondary containment capable of containing its entire volume. Equipment and work areas will be regularly inspected for signs of leaks and spills. Spill containment and cleanup kits will be available wherever hazardous materials are being used or stored. Any incidental spills or leaks will be contained and cleaned up as soon as it is safe to do so. Any contaminated soil will be collected and disposed of in an appropriate landfill.</p> <p>Equipment refueling and maintenance will be limited to designated areas at least 30 meters (100 feet) from any down gradient drainage.</p>
22. Will construction take place near to water bodies?	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No surface water body is present around the proposed sub project site.
23. Will construction activities cause contamination of the surface water resources?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	It will bring no effect on surface water as it is the rehabilitation or construction of Badminton court.
24. Will construction activities take place near	Yes	<input type="checkbox"/>	<input type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	Yes, wastewater/drain is present in the surroundings of the site.

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
wastewater/storm water drains?							Mitigations Avoid dumping of construction materials within close proximity of the wastewater drain. Stockpiling will be barricaded to avoid runoff Any hazardous material runoff/leakage will be strictly monitored to avoid contamination of drain water Washing and change of oil/lubricants of vehicles will be strictly avoided onsite. Proper disposal of solid waste in designated site to sustain the water and land quality for domestic requirements. Solid waste will not be thrown in Nullah or any water body present in the area.
25. Will construction activities result in damaging the utilities at site?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The sub-project development will not cause any damage to the utilities at the site or utilities of the area.
26. Will construction activities require utilities relocation?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No utilities relocation is required.
27. Will construction activities involve excavation?	Yes	<input type="checkbox"/>	<input type="checkbox"/>	√	<input type="checkbox"/>	<input type="checkbox"/>	About 1.6 m of manual excavation will be carried out for the foundation works for the columns. The excavation will be done carefully to avoid damages. Appropriate availability and use of PPEs by the workers will be ensured
28. Will construction involve heavy machinery?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The construction doesn't involve heavy machinery.
29. Will construction activities increase road traffic at site?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A small number of vehicles ~3-4 are required for construction activities which includes a truck for material supply, a bucket truck for material and a wagon for labor are anticipated, which may cause minimal traffic congestion. Mitigation measures to avoid any traffic disruption are as follows: 1. Only drivers with a valid license and car registration documents will be allowed to drive the vehicles. 2. The drivers will be trained to strictly adhere to local traffic laws.
30. Will construction activities cause traffic	-	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The work will be carried out within the boundary of Park therefore, no traffic congestion/jam will appear at the road.

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
congestion/diversion?							
31. Will construction activities cause mobility and accessibility issue for the residents?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No such issue of mobility/accessibility will be caused during the sub-project development.
32. Will construction activities/machines be the safety hazards for the workers?		No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The development of the proposed subproject doesn't involve any heavy machine and activities which can pose safety risks for workers. However, required safety gears will be used during the project activity and safety standards will be followed.
33. Will construction activities be the safety hazards for the occupational?	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	√	<input type="checkbox"/>	<p>Yes, occupational health and safety issues are anticipated from the proposed activities.</p> <p>Mitigations</p> <p>The labor works with different transmittable diseases should be restricted within the construction site; Ensure and strictly implement the SOPs regarding COVID- 19, including daily body temperature check, daily disinfection, quarantine management, area access management, PPEs, emergency response, and drills; Workers should be provided with good hygienic food for free; Only skilled workers will be allowed to work at the construction site; Provision of first aid facilities for workers at site for meeting the emergency needs of workers, and providing basic medical training to specified work staff and basic medical service and supplies to workers; Observe and maintain standards of Health and Safety towards all employees in line with WB EHS Guidelines along with Sindh Occupational Health and Safety Law Ensure that hazards associated with manual lifting are controlled by proper lifting techniques, work rotation system will reduce the chances of being exposed to work- related stress associated with construction activities. Unauthorized personnel will not be allowed to access the</p>

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
							proposed project site without permission and safety permits. Workers should be facilitated by providing appropriate work specific PPE's; Training and use of personal fall arrest systems, such as full-body harnesses and energy-absorbing lanyards as well as fall rescue procedures to deal with workers whose fall has been successfully arrested;
34. Will construction activities cause any damage to flora and Fauna of the area?		No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No, the proposed activities will not cause any harm to biodiversity of the area, but still strict mitigation measures are proposed to follow:
C. Potential Social Impacts							
1. will the construction cause any labor issues such as labor living and working conditions?	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Labor condition or rights related issues are anticipated at minor scale such as working hours, leaves, benefits, wages, and other related facilities like provision of foods, clean water, transportation etc. However, no labor living conditions issues are anticipated as it involves small scale activities will no such issues at this sub-project. Mitigations The worker's Grievance redressal mechanism must be developed communicated among workers to lodge complains; Workers should be provided with clean drinking water for free;
2. Will construction activities I cause community Health and Safety issues? Or any other such impacts	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No such impacts are anticipated, though following will be applicable to the project activities. Mitigations GRM Mechanism must be communicated to the internal staff and the general public Close consultation with local communities to identify optimal solutions where needed Contractor shall give preference to local community members in the Project Area of Influence, to the extent feasible, with respect to the employment of unskilled labor

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
							Community grievances will be recorded and responded to on an urgent basis No Hazardous and non-hazardous waste will be dumped outside any community
3. Will the construction activities cause the socio-cultural issues and damage to any cultural heritage?	<input type="checkbox"/>	No	NR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No, the construction activities will not cause such impacts. Mitigations: Contractor will not cause any damage or harm to any cultural heritage around the project area. Pollution such as noise and dust generation will be avoided while working close to religious and ancient site. Contractors would be trained to address privacy issues and behave ethically. The contractors staff must be trained enough to respect the local norms.
C. Potential Environmental Impacts (Operational Phase)							
1. Leakages in the drains	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project is rehabilitation/construction of badminton court and will include some internal building drain works. No damage to the drains is involved in the project.
2. Damaging of drains	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project is for the rehabilitation or construction of Badminton court therefore, no damage to the drains is involved in the project.
3. Clogging and overflowing of wastewater from the drains	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project is for the rehabilitation or construction of Badminton court therefore, no overflowing of any gutter will be involved.
4. Chances of contamination water supply	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project is for the rehabilitation of Badminton court therefore, no contamination of water supply coming in the area of project.
5. Flooding at roads	<input type="checkbox"/>	√	√	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project is for the rehabilitation or construction of Badminton court therefore, no flooding of roads will be caused

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				Remarks/Mitigation Measures
			NR	1	2	3	
6. Type of lightings in the infrastructure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	During the construction or rehabilitation of the scheme all lighting and other electrical services will be replaced or changed within the project boundary
7. Inadequate protection of intake works or wells, leading to pollution of water supply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No such activity will be undertaken for sure, to avoid pollution of water supply to the community.
NR Not Relevant 1. No or Minor Impact 2. Moderate, Short Term, Reversible Impact 3. Severe, Long Term, Irreversible Impact							
Category				A		B	C
Environmental Management Required				NO		N/A	Yes
Type of Environmental Management Tool to be Used				YES Environmental + Social monitoring checklist			
Prior review and "no-objection" of World Bank required.				YES			

Annex E: Screening Questions for Involuntary Resettlement/Indigenous People

Involuntary Resettlement Impact screening questionnaire.

Probable IR Impacts	Yes	No	Not Known	Remarks
Involuntary Acquisition of Land and Resettlement Impacts				
1. Will there be land acquisition?		✓		No. The land is owned by the municipality.
2. Is the site for land acquisition and ownership status and current usage of land to be acquired known?	✓			The KMC is the sole owner of the land.
3. Will easement be utilized within an existing Right of Way (ROW)?		✓		The Badminton court will be produced within the Agha Khan park area owned by KMC
4. Will there be loss of shelter and residential land due to land acquisition or due to clearance of existing right of way?		✓		Since there is no land acquisition and no shelter or residential land is lost.
5. Will there be loss of agricultural and other productive assets due to land acquisition or due to clearance of existing right of way?		✓		No agriculture or other productive assets exist there as the park is owned by the KMC.
6. Will there be losses of crops, trees, and fixed assets due to land acquisition or due to clearance of existing right of way?		✓		No loss of trees, crops and fixed assets on site as no land acquisition is involved.
7. Will there be loss of businesses or enterprises due to land acquisition or due to clearance of existing right of way?		✓		No land acquisition is involved; therefore, question of loss of business or enterprise does not arise.
8. Will there be loss of income sources and means of livelihoods due to land acquisition or due to clearance of existing right of way?		✓		There is no informal business activity along the Sub-project area or other source of income and the Park is owned by the KMC. .
9. Will people lose access to natural resources, communal facilities and services due to involuntary restriction of land use or on access to legally designate parks/protected areas?		✓		There is no infrastructure on the project piece of land, the access to the built-up area of the park shall remain open to the general public/visitors.

Probable IR Impacts	Yes	No	Not Known	Remarks
Will access to land and resources owned by communally or by the state be restricted?		✓		This park is owned by the KMC and its access will not be restricted.
Information on PAPs:				
Any estimate of the likely number of persons that will be affected by the Project? [NO] If yes, approximately how many? <u>Not applicable</u>				
Are any of them poor, female-heads of households, or vulnerable to poverty risks? [NO]				

Note: The project team may attach additional information on the project, as necessary.

Annex F: Environmental and Social Monitoring Checklist

Sr.#	Environmental Aspect	Mitigation Measures Implemented			Reason for non-compliance (If status is “No”)	Corrective Measures
		Details	Status (Yes/No)	Means of Monitoring (Documents/Pictorial Proof)		
1.	Site Selection	- Selection of site that will not result in loss of trees and soil erosion will be considered for siting and construction activities.				
2.	Selection of environment friendly construction materials	- Construction material procured include environment friendly material including: - Cement - Precast Concrete slabs - Reclaimed or recycled wood and metal				
3.	<u>Noise</u>	- The contractors would ensure keeping noise levels from construction vehicles and machinery is within safe limits. - Vehicular and machinery will not be allowed to operate at night time. - Noisy machines and vehicles will not be allowed to be used at the sub-project site (noise level will not be more than 85 dB(A) at 7.5 m distance), properly tuned machines and vehicles will be allowed only. - Workers will use noise protection equipment including ear plugs and/or ear muffs				

		<ul style="list-style-type: none"> - Pressure horns will not be allowed to be used by the for the construction vehicles. - The contractor will adhere to the requirements of the EMF, SMF, and mitigation plan contained in the contract documents with true spirit. - Confining excessively noisy work to normal working hours (8am-5pm) in the day. Maintain all vehicles in order to keep it in good working order in accordance with manufactures maintenance procedures - Make sure all drivers will comply with the traffic codes concerning maximum speed limit and driving hours. Providing construction workers with suitable hearing protection such as earmuffs and training them in their use. Heavy machinery like percussion hammers and pneumatic drills should be used at a minimum level and should not be used at all during the night. 				
4.	Air Emissions	<ul style="list-style-type: none"> - Regular water sprinkling will be the responsibility of the contractor at the dust generation points, during construction activities. Water will be also sprinkled at vehicular and machinery movement routes to avoid dust spreading to the nearby community as required. In addition, the provision of dust masks and ensuring their use by the workers will also be the responsibility of the contractor. - All vehicles, machinery, equipment 	-	-	-	-

		and generators used during construction activities should be kept in good working condition and be properly tuned and maintained to minimize exhaust emissions. Stockpiled materials will be covered to avoid dust/particulate emission. Air quality analysis will be carried out before and during construction by the contractor through engaging SEPA certified contractor, that will be shared with PIU Team. The stack emissions from generators, (if used), minor excavations and vehicular/machinery movement at the site can affect the ambient air quality at sub-project site. It will be the responsibility of the contractor to use well-maintained generators and vehicles/machines to keep ambient air quality within the desired level. The contractor will be obliged to provide fitness certificate/maintenance records of the generators, vehicles and machines before deploying them at the construction sites.				
5.	Solid Waste	- The debris (rejected material) produced during construction would be disposed-off in government approved/allocated disposal sites. Leftover material would not be dumped into stormwater drains or watercourses, because such practices can clog these man-made and natural drainage systems and cause many other problems for the	-	-	-	-

		<p>residents/Local Commuters.</p> <ul style="list-style-type: none"> - Non-toxic and biodegradable product will be used whenever possible. - Hazardous materials will be collected and stored in appropriate containers with clearly visible labels. Hazardous materials will be stored at least 100 feet from any down gradient drainage or within secondary containment capable of containing its entire volume (if any generate such as electric batteries). - Equipment and work areas will be regularly inspected for signs of leaks and spills. Spill containment and cleanup kits will be available wherever hazardous materials are being used or stored. Any incidental spills or leaks will be contained and cleaned up as soon as it is safe to do so. Any contaminated soil will be collected and disposed of in an appropriate landfill. - Equipment refueling and maintenance will be limited to designated areas at least 30 meters (100 feet) from any down gradient drainage. - Solid Waste will be safely disposed in demarcated waste disposal sites or dedicated garbage transfer stations (GTS); A contract with SEPA Approved waste contractor should be made in case hazardous waste generates from the site, defining the schedule for hazardous waste management and its 				
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		disposal. - Burning of waste oil should be strictly prohibited.				
6.	Water Pollution	- Avoid siting of facilities near rivers, streams and nullahs (if exists) - Proper disposal of solid waste in designated site to sustain the water and land quality for domestic requirements. Solid waste will not be thrown in Nullah or any water body present in the area.	-	-	-	-
7.	Vehicular Traffic	- Only drivers with a valid license and car registration documents will be allowed to drive the vehicles. - The drivers will be trained to strictly adhere to local traffic laws. - At all times, the contractor will provide safe and convenient passage for vehicles, pedestrians and livestock, and will not cause any hurdle on the road for commuters. - Appropriate safety precautions will be taken when transporting large equipment on public roadways. - proper road signage during construction period, followed by provision of adequate and safe pedestrian crossings and walkways,	-	-	-	-
8.	Flora and Fauna	- Avoid unnecessary cutting of plant species during site clearance if needed; - Limiting vehicular transport to defined roads as to prevent unnecessary injury and habitat destruction; - Hunting and trading of any wildlife species will be strictly prohibited;	-	-	-	-

9.	Occupational Health and Safety	<ul style="list-style-type: none"> - The labor works with different transmittable diseases should be restricted within the construction site; - Ensure and strictly implement the SOPs regarding COVID- 19, including daily body temperature check, daily disinfection, quarantine management, area access management, PPEs, emergency response, and drills; - Workers should be provided with good hygienic food for free; - Only skilled workers will be allowed to work at the construction site; - Provision of first aid facilities for workers at site for meeting the emergency needs of workers, and providing basic medical training to specified work staff and basic medical service and supplies to workers; - Observe and maintain standards of Health and Safety towards all employees in line with WB EHS Guidelines along with Sindh Occupational Health and Safety Law - Ensure that hazards associated with manual lifting are controlled by proper lifting techniques, work rotation system will reduce the chances of being exposed to work- related stress associated with construction activities. - Unauthorized personnel will not be allowed to access the proposed project site without permission and safety permits. - Workers should be facilitated by 	-	-	-	-
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		providing appropriate work specific PPE's; - Training and use of personal fall arrest systems, such as full-body harnesses and energy-absorbing lanyards as well as fall rescue procedures to deal with workers whose fall has been successfully arrested;				
10.	Labor Living and Working Conditions	- The worker's Grievance redressal mechanism must be developed communicated among workers to lodge complains; - Workers should be provided with clean drinking water for free; - Avoiding Gender Based Violence. Contractor will prepare and implement robust measures to address the risk of gender-based violence that include (i) mandatory and repeated training and awareness raising for the workforce about refraining from unacceptable conduct toward local community members, specifically women; (ii) informing workers about national laws that make sexual harassment and gender-based violence a punishable offence which is prosecuted; (iii) Introducing a Worker Code of Conduct as part of the employment contract, and including sanctions for noncompliance (e.g., termination), and (iv) contractors adopting a policy to cooperate	-	-	-	-

		<p>with law enforcement agencies in investigating complaints about gender based violence.</p> <ul style="list-style-type: none"> - Use of child and forced labor will be strictly prohibited. - Provide persons working on the site with appropriate training, equipment and the information necessary to ensure their safety; - The facility should have firefighting system, Proper ventilation system, first aid facilities; - Mosquito repellent to be provided to the labors such as coil and sprays. The camps may maintain cleanliness and hygienic condition. - Proper ventilation may be provided in labour camps. <p>Contractor will maintain a labour register with name, age and sex with supporting document (preferably copy of ID card).</p>				
11.	Community Health and Safety	<ul style="list-style-type: none"> - Maintain a complaint register on site and it must be communicated to the internal staff and the public - Close consultation with local communities to identify optimal solutions where needed - Contractor shall give preference to local community members in the Project Area of Influence, to the extent feasible, with respect to the employment of unskilled labor - Community grievances will be 	-	-	-	-

		<p>recorded and responded to on an urgent</p> <ul style="list-style-type: none"> - No Hazardous and non-hazardous waste will be dumped outside any community. 				
12.	Socio-Culture and Cultural Heritage	<ul style="list-style-type: none"> - Contractor will not cause any damage or harm to cultural heritage around the project area. - Pollution such as noise and dust generation will be avoided while working in close to religious and ancient site. Contractors would be trained to address privacy issues behave ethically. The contractors staff must be trained enough to –respect local norms. 	-	-	-	-
13.	Site Restoration	<ul style="list-style-type: none"> - Contractor should obtain approval for excavation and submit the plan of rehabilitating the site after excavation. - Site restoration must be completed immediately after completion the sub-project. 	-	-	-	-

Contractor Details	LC Focal Person Details
Name: -----	Name: -----
Designation: -----	Designation: -----
Signature:	Signature:
Date:	Date:
Checklist filled by:	Checklist reviewed by:
Name: -----	Name: -----
Designation: -----	Designation: -----
Signature:	Signature:
Date:	Date:

Annex G: Screening Team Details

Focal Person of LC	Mr. Masood Alam 0333-3421371
Environmental Focal Person	Mr. Mohammad Tariq 0322-2349036
Social Focal Person of LC	Mr. Syed Kazim 0333-3123078

**Annex H: covid-19 standards operating procedures (sops) for construction
In English and Urdu language for contractor**

COVID-19 Pandemic and Health Safety Measures

Given the unprecedented nature of the COVID-19 pandemic, contractors are bound to take all necessary precautions to maintain the health and safety related measures at site and to ensure suitable arrangements regarding hygiene requirements for the prevention of COVID-19 pandemic.

Scope:

These SOPs are intended to provide consistent measures on construction activities of all types and sizes in line with the ESMP/ESR recommendations on social distancing and to ensure contractors, sub-contractors, and other individuals associated with the CLICK Project make every effort to comply.

Objectives:

Prioritize the health and safety of workers and of their surrounding individuals and communities;

- Apply recommendations and best practices from health authorities to construction site procedures;
- Implement COVID-19 Standard operating procedures in in true spirit across the construction activities or sites; and
- Foster open communication amongst stakeholders and ensure a respectful work environment.

Following are the measures that should be implemented at the construction site to avoid the spread of Covid-19:

Activities	Adaptive Measures
Pre- Execution Phase	
A. Profile preparation	<ul style="list-style-type: none">• Detail profile of the workforce will be developed• Enlist the names, addresses and contact number• Breakdown of the workforce (workers from local community and those who will do house renting). Workers will be instructed to minimize contact with people near the site, and in certain cases be prohibited from leaving the site for the duration of their contract.
B. Initial Screening	<ul style="list-style-type: none">• All enlisted workforce should go through initial screening (checking temperature using thermo gun) to confirm their fitness.• Ensuring the availability of Thermogun/s at site.• Checking temperature of all workers and maintaining record.• If a worker shows symptoms of COVID-19 (e.g. fever, dry cough, fatigue), it is Site Supervisor's responsibility to immediately remove worker from the site and refer him to the nearest health facility. It's also his responsibility to prevent a worker who has been in contact with infected coworker from returning to the site for 14 days.
During Execution Phase	

A. Restricted Movement/ Demobilization of staff	<ul style="list-style-type: none"> • Entry/exit to the work site should be controlled and documented for workers and other people. Possible measures should include: <ul style="list-style-type: none"> • Ensure that the social distancing is observed on site • All workers who reside in site labor camps (if any) should be provided separate accommodation keeping in view social distancing protocol. • Implementation of emergency preparedness and response plan covering the detail of a treatment facilities, procedure to inform health authorities, how to sanitize site, how to screen remaining workers, etc.
B. Special Arrangements regarding PPEs	<ul style="list-style-type: none"> • Ensure availability of PPEs at site including disposable masks, gloves etc. • Record keeping of PPE stock availability. If PPE items are unavailable due to world-wide shortages, alternatives such as dust masks, construction gloves and eye goggles should be arranged. While these items are not recommended, they should be used as a last resort if no medical PPE is available.
C. General Hygiene	<ul style="list-style-type: none"> • Encourage employees to wash their hands at least for 20 seconds with soap provided at key places throughout site. Where hand washing facilities do not exist or are not adequate, hand sanitizers should be placed. • Maintain a distance of at least one meter.
D. Training sessions	<ul style="list-style-type: none"> • Contractors E&S Team will arrange awareness sessions for Contractors and their labor force. • Sessions related to safety procedures, use of construction PPEs, occupational health and safety issues, and code of conduct specially privacy issues including social distancing • Post appropriate signage and pictorial displays at site about COVID-19 Health & Safety measures. • Site supervisor will arrange briefings from time to time with workforce, and encourage them to report to their supervisor or the COVID-19 focal person if they have symptoms. (TORs are attached at Annex H-II). • Training staff who will be monitoring entry to the site, providing them with the resources they need to document entry of workers, conducting temperature checks and recording details of any worker that is denied entry.
E. Operationalization of Grievance Redress Mechanism	<ul style="list-style-type: none"> • Contractor should ensure implementation of GRM developed by PIU for addressing specific COVID related grievances, which would allow community & workers to quickly report issues, such as a lack of PPE, lack of proper procedures, and allow the project to respond and take necessary action.
F. Role of PIU	<ul style="list-style-type: none"> • PIU is responsible for sharing the COVID-19 checklist with the contractors in the subproject procurement documents. • Arrange meetings with contractors for support and guidance where needed.
G. Role of supervision consultant	<p>The consultant must ensure the implementation of Environmental and Social Management Plans as per the ESRs and ESMPs along with afore mentioned COVID related activities / protocols.</p> <ul style="list-style-type: none"> • Ensure that the necessary PPEs (as per contract) have been issued to the staff by the respective contractor.

Post Execution Phase	
A. Post Screening	If a worker shows any symptoms of COVID-19, he should be immediately reported to the concerned health department.
B. Cleaning and waste disposal	<ul style="list-style-type: none"> • All waste (PPEs and sanitation related) shall be disposed off properly following Sindh Hospital Waste Management Rules, 2014. • Providing cleaning staff with adequate protective gear, cleaning equipment, and disinfectants. • Where it is anticipated that cleaners will be required to clean areas that have been or are suspected to have been contaminated with COVID-19, providing them with appropriate PPEs. If appropriate PPE is not available, cleaners should be provided with best available alternatives.

Annex H-II

TORS for COVID-19 Focal Person from LCs

Responsibilities to include:

- Monitoring, supervising, and reporting on COVID-19 related issues
- Coordination and reporting arrangements with the contractors
- Raising awareness and training of workers in mitigating the spread of COVID-19
- Prepare a plan to handle COVID-19 cases in the light of WHO guidelines
- Implementing a communication strategy with the community, community leaders and local government.

کوویڈ-۱۹ وبائی امراض اور صحت سے متعلق حفاظتی اقدامات

کورونا وائرس (COVID-19) وبائی مرض کے دوران کام کرنے والے تعمیراتی مقامات کو اس بات کا یقین کرنے کی ضرورت ہے کہ وہ انفیکشن کے خطرے اور پھیلاؤ کو کم سے کم کرنے کے اقدامات پر عمل کر کے اپنی افرادی قوت کی حفاظت کر رہے ہیں۔ تعمیراتی معیاری پروٹوکولز، تعمیراتی ٹھیکیداروں، سب ٹھیکیداروں اور دیگر کے لئے بہترین طریقوں کا خاکہ پیش کرتا ہے تاکہ COVID-19 بحران کے دوران فرائض انجام دینے کے لئے درکار تمام کارکنوں کی صحت اور حفاظت کو برقرار رکھا جاسکے۔ پروٹوکول، جس میں روک تھام، پتہ لگانے اور رد عمل کے اقدامات شامل ہیں، بحران کے اثرات کو کم سے کم کریں گے اور کلک کے تحت ذیلی منصوبوں پر آسانی سے عملدرآمد کو یقینی بنائیں گے۔

کوویڈ-۱۹ وبائی بیماری کی غیر معمولی نوعیت کے پیش نظر، ٹھیکیدار سائٹ پر صحت اور حفاظت سے متعلق اقدامات کو برقرار رکھنے کے اور کوویڈ-۱۹ وبائی بیماری کی روک تھام کے لیے حفاظت صحت کی ضروریات کے بارے میں مناسب انتظامیات کو یقینی بنانے کے لیے تمام ضروری احتیاتی تدابیر اپنانے کے پابند ہیں۔ کوویڈ-۱۹ کے پھیلاؤ کے لیے تعمیراتی مقامات پر عمل درآمد کرنا چاہیے۔

دائرہ کار:

ان رہنما خطوط کا مقصد معاشرتی دوری سے متعلق ESR / ESMP کی سفارشات کے مطابق تمام اقسام اور سائز کی تعمیراتی سرگرمیوں پر یکساں اقدامات کی فراہمی اور کلک پروجیکٹ سے وابستہ ٹھیکیداروں، ذیلی ٹھیکیداروں، اور دیگر افراد کی تعمیل کے لئے ہر ممکن کوشش کو یقینی بنانا ہے۔

کوویڈ-۱۹ وبائی امراض اور صحت سے متعلق حفاظتی اقدامات

سرگرمیاں	احتیاتی تدابیر
عمل درآمد سے پہلے	
پروفائل کی تیاری	<p>۱۔ افرادی قوت کا تفصیلی پروفائل</p> <p>۲۔ نام، پتے اور رابطہ نمبر کی فہرست تیار کرنا</p> <p>۳۔ تمام افرادی قوت کی فہرست تیار کرنا بشمول مقامی آبادی سے تعلق رکھنے والے افراد اور وہ لوگ جو مکان کرایہ پر لیں گے کو ہدایت کی جائے کہ وہ سائٹ کے قریب موجودہ لوگوں سے رابطہ کم سے کم رکھیں اور مخصوص حالات میں اپنے معاہدے کی مدت کے دوران سائٹ چھوڑنے سے بھی منع کیا جائے تاکہ مقامی آبادیوں سے رابطہ کم سے کم ہو۔</p>
ابتدائی اسکریٹنگ	<p>۱۔ تمام اندراج شدہ افرادی قوت کو ابتدائی کوویڈ-۱۹ اسکریٹنگ کے عمل سے گزارا جائے تاکہ ان کی اچھی صحت کی تصدیق ہو سکے۔</p> <p>۲۔ سائٹ پر تھر موگن کی دستیابی کو یقینی بنایا جائے۔</p> <p>۳۔ ملازمین کے درجہ حرارت کا ریکارڈ رکھا جائے</p> <p>۴۔ اگر کسی ملازمین میں کوویڈ-۱۹ (جیسی بخار، خشک کھانسی، تھکاوٹ) کی علامات ظاہر ہوں تو سائٹ پر موجود نگران کی ذمہ داری ہے کہ وہ متعلقہ ملازمین کو فوری طور پر کام سے روک دے اور اسے قریبی مرکزی صحت بھجوائے۔ متاثرہ کارکن کے ساتھ رابطے میں رہنے والے کارکن کو ۱۴ دن تک سائٹ پر کام کرنے سے روکا جائے</p>
عمل درآمد کے دوران	
محدود نقل و حرکت	<p>۱۔ کام کی جگہ پر داخلی خارجی استون پر کارکنوں اور دیگر افراد کی آمد و فروخت کو محدود اور ریکارڈ میں رکھا جائے۔ ممکنہ اقدامات میں یہ شامل ہونا چاہیے۔</p> <p>۲۔ سائٹ پر کام کرتے، آرام کرتے یا کھانا کھاتے ہوئے سماجی فاصلہ برقرار رکھیں۔</p> <p>۳۔ ہنگامی حالات سے نمٹنے کے لیے منصوبہ بندی کی جائے جس میں علاج کی سہولیات کی تفصیل، صحت سے متعلق حکام کو مطلع کرنے کا طریقہ کار، سائٹ کو صاف ستھرا رکھنے اور بقیہ ملازمین کی</p>

کوویڈ-۱۹ وبائی امراض اور صحت سے متعلق حفاظتی اقدامات

<p>۱۔ سکریننگ شامل ہیں۔ ۲۔ ایسے کارکن جو سائٹ لیبر کیمپیوٹر میں رہتے ہیں ان کے لیے (اگر کوئی ہے تو) سماجی فاصلہ کے پرٹوکول کو مد نظر رکھتے ہوئے ان کے لیے الگ رہائش کا بندوبست کیا جائے۔</p>	
<p>۱۔ سائٹ پر ذاتی حفاظتی ساز و سامان بشمول ڈسپوزیبل ماسک اور دستانوں کی دستیابی کو یقینی بنایا جائے۔ ۲۔ سائٹ پر موجود حفاظتی ساز و سامان کا ریکارڈ رکھا جائے۔ ۳۔ اگر عالمی سطح پر ذاتی سامان کی قلت ہو جائے تو متبادل کے طور پر ڈسٹ ماسک، کنسٹرکشن والے دستانے اور حفاظتی عینک کی فراہمی کو یقینی بنایا جائے۔</p>	<p>ذاتی سوز و سامان کی حفاظتی اقدامات</p>
<p>۱۔ ملازمین کی حوصلہ افزائی کی جائے تاکہ وہ سائٹ پر کم سے کم ۲۰ سیکنڈ تک ہاتھ دھوتے رہیں۔ سائٹ کے اہم مقامات پر صابن فراہم کیا جائے۔ جہاں صابن رکھنے کی جگہ نہیں یہ مناسب نہیں وہاں سینڈائزر رکھے جائیں۔ ۲۔ کم سے کم ایک میٹر کی دوری برقرار رکھیں۔</p>	<p>عام حفاظت صحت</p>
<p>۱۔ ٹھیکیدار کے ماحولیاتی و سماجی ماہرین ٹھیکیدار کے دیگر عملے کے لیے آگاہی سیشن کا اہتمام کرے گی۔ اس سیشن میں حفاظتی اقدامات ذاتی حفاظت کے ساز و سامان کا صحیح استعمال، کام کے دوران صحت کے مسائل اور ضابطہ اخلاق بالخصوص پرانویسی اور سماجی فاصلے پر ٹریننگ دی جائے گی۔ ۲۔ کوویڈ-۱۹ ایس اوپیز کو سائٹ پر واضح طور پر آوازیں کیا جائے۔ ۳۔ سائٹ سپروائزر افرادی قوت کے ساتھ وقتن بہ وقتن بریفنگ کا بندوبست کیا جائے۔ اور ملازمین کو اس کی ترغیب کی جائے۔ ۴۔ سائٹ کے داخلے راستے پر تعینات ورکرز کو ٹریننگ اور مسائل فراہم کیے جانے تاکہ وہ ورکرز کا درجہ حرارت چیک کر سکیں اور رکارڈ رکھ سکیں۔</p>	<p>ٹریننگ سیشن</p>
<p>ٹھیکیدار پی ایم یو کے بنائے گئے شکایات کے ازالے کے نظام کو سائٹ پر موثر بنائے تاکہ کوویڈ-۱۹ کے ایس اوپیز سے متعلق شکایات کا ازالہ ہو سکے۔</p>	<p>عوامی شکایات کے ازالے کا نظام</p>
<p>۱۔ پی ایم یو ٹھیکیداروں کو کوویڈ-۱۹ چیک لسٹ فراہم کرے گا۔ رہنمائی اور مدد کے لیے ٹھیکیدار پی ایم یو کے ساتھ رابطے میں رہیں۔</p>	<p>پی ایم یو کا کردار</p>

۱۹ کوویڈ-۱۹ وبائی امراض اور صحت سے متعلق حفاظتی اقدامات

<p>۱۔ کوویڈ-۱۹ سے متعلق سرگرمیوں پر ٹوکول کے ساتھ ماحولیاتی اور حفاظتی منصوبے (ای ایس پی) کے نفاذ کو یقینی بنایا جائے۔</p> <p>۲۔ اس بات کو یقینی بنایا جائے کہ ٹھیکیدار کنٹریکٹ کے مطابق ورکرز کو ضروری حفاظتی سامان مہیا کرے۔</p>	<p>سپر وژن کنسٹنٹ کا کردار</p>
<p>عملدرآمد کے بعد</p>	
<p>اگر کسی ملز میں کوویڈ-۱۹ کی علامات پائی جاتی ہے تو فوراً متعلقہ محکمہ صحت کو اطلاع دی جائے۔</p> <p>۱۔ استعمال شدہ حفاظتی سامان اور دیگر فضلہ ہاسٹل ویسٹ مینجمنٹ رولز ۲۰۱۴ کے مطابق تلف کیا جائے۔</p> <p>۲۔ صفائی ستھرائی کے ساز و سامان اور جزا ازم کش ادویات فراہمی کو یقینی بنایا جائے۔</p> <p>۳۔ وہ عملہ جو کوویڈ-۱۹ سے متاثرہ جگہ یا ایسی جگہ جہاں بیماری کے پھیلنے کا خدشہ ہوا انہیں مناسب ساز و سامان مہیا کیا جائے۔ اگر کسی وجہ سے مناسب حفاظتی سامان دستیاب نہ ہو سکے تو اس کا بہترین متبادل مہیا کیا جائے۔</p>	<p>اسکریننگ کے بعد</p> <p>صفائی اور کوڑا کرکٹ کو تلف کرنا</p>

کوویڈ-۱۹۔ فوکل پرسن کی ذمہ داریاں

- ۱۔ کوویڈ-۱۹ سے متعلق مسائل کی مانیٹرنگ اور رپورٹنگ کو یقینی بنایا جائے۔
- ۲۔ ٹھیکیداروں کے مابین رابطہ اور رپورٹنگ کے انتظامات۔
- ۳۔ کوویڈ-۱۹ کے پھیلاؤ کو کم کرنے کے لیے ملازمین کی آگاہی اور تربیت کرنا۔
- ۴۔ ملازمین کے بیمار ہونے کی صورت (ڈبلیو۔ ایچ۔ او) کے رہنما اصولوں پر عمل کیا جائے۔
- ۵۔ سائٹ پر کوویڈ-۱۹ کے سلسلے میں مقامی آبادی، مقامی رہنماؤں اور لوکل گورنمنٹ کے ساتھ رابطہ کے لیے حکمت عملی مرتب کی جائے۔

۷۔ کوویڈ-۱۹ وبائی امراض اور صحت سے متعلق حفاظتی اقدامات

Annex I: Chance Find Procedure

Purpose of the chance finds procedure

The chance find procedure is a project-specific procedure that outlines actions required if previously unknown heritage resources, particularly archaeological resources, are encountered during project construction or operation. A Chance Find Procedure, as described in Guidance Note of World Bank and law on Cultural Antiquities of Sindh, is a process that prevents chance finds from being disturbed until an assessment by a competent specialist is made and actions consistent with the requirements are implemented.

Scope of the chance find procedure

This procedure is applicable to all activities conducted by the personnel, including contractors that have the potential to uncover a heritage item/site. The procedure details the actions to be taken when a previously unidentified and potential heritage item/site is found during construction activities. Procedure outlines the roles and responsibilities and the response times required from both project staff, and any relevant heritage authority.

Induction/Training

All personnel, especially those working on earth movements and excavations, are to be inducted on the identification of potential heritage items/sites and the relevant actions for them with regards to this procedure during the Project induction and regular toolbox talks.

Chance find procedure

If any person discovers a physical cultural resource, such as (but not limited to) archaeological sites, historical sites, remains and objects, or a cemetery and/or individual graves during excavation or construction, the following steps shall be taken:

1. Stop all works in the vicinity of the find, until a solution is found for the preservation of these artefacts, or advice from the relevant authorities is obtained;
2. Immediately notify a construction site in-charge. The in-charge will then notify the PIU-CLICK and the Supervision Consultant;
3. Record details in Incident Report and take photos of the find;
4. Delineate the discovered site or area; secure the site to prevent any damage or loss of removable objects. In cases of removable antiquities or sensitive remains, a night guard shall be arranged until the responsible local authorities take over;
5. Preliminary evaluation of the findings by archaeologists. The archaeologist must make a rapid assessment of the site or find to determine its importance. Based on this assessment the appropriate strategy can be implemented. The significance and importance of the findings should be assessed according to the various criteria relevant to cultural heritage such as aesthetic, historic, scientific or research, social and economic values of the find;
6. Sites of minor significance (such as isolated or unclear features, and isolated finds) should be recorded immediately by the archaeologist, thus causing a minimum disruption to the work schedule of the Contractor. The results of all archaeological work must be reported to the Ministry/Agency, once completed.
7. In case of significant find the Agency/Ministry (Sindh Archaeology Department, hereinafter referred to as Heritage team) should be informed immediately and in writing within 7 days from the find).
8. The onsite archaeologist provides the Heritage team with photos, other information as relevant for identification and assessment of the significance of heritage items.
9. The Ministry must investigate the fact within 2 weeks from the date of notification and provide response in writing.
10. Decisions on how to handle the finding shall be taken by the responsible authorities. This could include changes in the layout (such as when finding an irremovable remain of cultural or archaeological importance) conservation, preservation, restoration and salvage;
11. Construction works could resume only after permission is granted from the responsible authorities.
12. In case no response received within the 2 weeks period mentioned above, this is considered as authorization to proceed with suspended construction works.

One of the main requirements of the procedure is record keeping. All finds must be registered. Photolog, copies of communication with decision making authorities, conclusions and recommendations/guidance, implementation reports kept.

Additional information

Management options for archaeological site

- **Site avoidance.** If the boundaries of the site have been delineated attempt must be made to redesign the proposed development to avoid the site. (The fastest and most cost-effective management option)
- **Mitigation.** If it is not feasible to avoid the site through redesign, it will be necessary to sample it using data collection program prior to its loss. This could include surface collection and/or excavation. (The most expensive and time-consuming management option.)
- **Site Protection.** It may be possible to protect the site through the installation of barriers during the time of the development and/or possibly for a longer term. This could include the erection of high visibility fencing around the site or covering the site area with a geotextile and then capping it with fill. The exact prescription would be site-specific.

Management of replicable and non-replicable heritage

Different approaches for the finds apply to replicable and non-replicable heritage.

Replicable heritage

Where tangible cultural heritage that is replicable and not critical is encountered, mitigation measures will be applied. The mitigation hierarchy is as follows:

- Avoidance;
- Minimization of adverse impacts and implementation of restoration measures, in situ;
- Restoration of the functionality of the cultural heritage, in a different location;
- Permanent removal of historical and archaeological artefacts and structures ;
- Compensation of loss - where minimization of adverse impacts and restoration not feasible.

Non-replicable heritage

Most cultural heritage is best protected by in situ preservation, since removal is likely to result in irreparable damage or even destruction of the cultural heritage.

Nonreplicable cultural heritage must not be removed unless all of the following conditions are met:

- There are no technically or financially feasible alternatives to removal;
- The overall benefits of the project conclusively outweigh the anticipated cultural heritage loss from removal; and
- Any removal of cultural heritage must be conducted using the best available technique advised by relevant authority and supervised by archaeologist.

Human Remains Management Options

The handling of human remains believed to be archaeological in nature requires communication according to the same procedure described above. There are two possible courses of action:

- **Avoid.** The development project is redesigned to completely avoid the found remains. An assessment should be made as to whether the remains may be affected by residual or accumulative impacts associated with the development, and properly addressed by a comprehensive management plan.
- **Exhume.** Exhumation of the remains in a manner considered appropriate by decision makers. This will involve the predetermination of a site suitable for the reburial of the remains. Certain ceremonies or procedures may need to be followed before development activities can recommence in the area of the discovery.

EMERGENCY CONTACTS

CLICK, Local Government Department, GoS

Address: 1st Floor, DMC South Office,

KRC Captain Road, Haqqani Chowk, Aaram Bagh
Karachi,
Landline : +92- 21- 99218874

Sindh Environmental Protection Agency

Address: Head Office, Plot No. ST-2/1, Sector-23,
Korangi Industrial Area, Karachi
Tel : 021-35065950 Fax : 021-35065940

Directorate General Antiquities & Archaeology

Address: C-82, Block 2 Clifton, Karachi

Tel: Phone: [021-99212126](tel:021-99212126)

Annex J: Anti-Encroachment Drive (AED) Certificate



Ph. #00202822

Email: ade1.south@gmail.com

**OFFICE OF THE
DEPUTY COMMISSIONER
(SOUTH) KARACHI**

No.South/PA.Br/28/2021

Dated: 21st April, 2021

To,

The Assistant Commissioner (General),
For Commissioner Karachi Division.

**SUBJECT: ANTI-ENCROACHMENT VERIFICATION CERTIFICATE OF
IDENTIFIED SCHEMES OF KARACHI METROPOLITAN
CORPORATION.**

Reference: Your office Letter No.CK/PIU/2021-21, dated: 12-04-2021

With reference to subject, it is submitted that reports regarding the subject matter were called from all Assistant Commissioners of District South Karachi and they submitted NIL reports. The details of Anti-Encroachment operations carried out after 27th October-2018 are as under:

S.N	DESCRIPTION	ANTI-ENCROACHMENT OPERATION
1	Development of Badminton Court at Agha Khan Park	NIL
2	Rehabilitation of street lighting at Mai kolachi Road	NIL
3	Rehabilitation of Fish Aquarium at Clifton	NIL
4	Replacement of Expansion joints at various flyover/ bridges / under passes and gratings at drains	NIL

The same is sent herewith for further necessary action as desired.

**DEPUTY COMMISSIONER
SOUTH KARACHI**

Copy to:

PS to Deputy Commissioner, District South Karachi.

**ADDITIONAL DEPUTY COMMISSIONER-I
SOUTH KARACHI**



Tel: 99204734
4th Club Road,
Opposite Karachi
Gymkhana, Karachi-75530.

No. CK/PIU/2021-21
**OFFICE OF THE
COMMISSIONER KARACHI
DIVISION, KARACHI**

Dated: 12 - 04 -2021.

To,

The Deputy Commissioner,
District South, East, West, Central,
Malir, Korangi & Keamari, Karachi.

**Subject: Anti-Encroachment Verification Certificate of Identified
Schemes of Karachi Metropolitan Corporation.**

I am directed to enclose herewith a copy of letter No. PS/MC/KMC/2021/73, dated 19-03-2021, alongwith its enclosure, received from Metropolitan Commissioner, Karachi Metropolitan Corporation (KMC), on the subject noted above for furnishing a comprehensive report and a verification certificate to this office after thoroughly verifying the record.


Assistant Commissioner (General)
for Commissioner Karachi Division

Copy to:-

1. The Metropolitan Commissioner, KMC, Karachi.
2. PS to Commissioner Karachi Division.
3. Incharge R&I branch of this office for delivery.



KARACHI METROPOLITAN CORPORATION
METROPOLITAN COMMISSIONER SECRETARIAT
1st Floor K.M.C. Building M.A Jinnah Road Karachi,
Telephone No 021-99216095, 99216038 Fax No: 021-99216011

No. PS/MC/KMC/2021/ 73

Dated: 17/03/2021

To,
The Commissioner Karachi,
Karachi Division.

Subject:- Anti Encroachment Verification Certificate of Identified Schemes of Karachi Metropolitan Corporation

Reference subject cited above;

- 2) As per the requirement of the world Bank that each shortlisted scheme under the project COMPETITIVE & LIVABLE CITY OF KARACHI (CLICK) LOCAL GOVERNMENT DEPARTMENT, GOVERNMENT OF SINDH are required to be verified by Commissioner office Karachi through verification certificate that there had been no encroachment drive on the proposed sites after 27th October 2018.
- 3) Therefore, a Certificate is requested for each attached scheme of KMC for CLICK Project

(S. M. AFZAL ZAIDI, PAS)
Metropolitan Commissioner,
K.M.C.

Copy for information to the:-

1. P.S to Secretary Local Government, GoS, Karachi.
2. P.S to Administrator KMC.
3. P.S to Metropolitan Commissioner K.M.C.
4. Focal Person KMC, CLICK.
5. Office Copy