

# **Environmental and Social Screening Report**

Replacement of Damaged / Broken Expansion Joints with Mono Block Joints And Provision/Installation of Gratings of Composite Fiber Material At Various Flyovers and Underpasses in Karachi

July 15, 2021

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## List of Acronyms

BP	:	Bank Procedure
GDP	:	Gross Domestic Product
GoS	:	Government of Sindh
DMCs	:	District Municipal Corporations
КМС	:	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

## 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 climaterelated 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

## Chapter 2: LEGISLATIVE REQUIREMENTS

#### 2.1. Legislative Requirements

This section gives an overview of legislative requirements that applies to the proposed subproject. The activity will 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 Environmental Screening Report (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

#### 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
- Sindh Strategy for Sustainable Development, 2007
- 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 Factories 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

#### 2.2.2 World Bank Safeguard Policies

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

#	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 / localized rehabilitation of Joint Expansion activities for existing flyover structures.
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 only at the expansion joints of the selected flyovers in Karachi 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/encroachment over the land used for the proposed sub- project, as well as not any AED 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 website of KMC and CLICK and has been disseminated with the stakeholders to improve the design and implementation of the project.

## Chapter 3: SUB-PROJECT DESCRIPTION

#### 3.1 Details of the Sub-Project

During the years 2000 to 2011, in order to ease the traffic inside the city and to minimize the travelling time, various flyovers and underpasses were constructed in the city of Karachi. With the passage of time, the expansion joints provided on various flyovers have broken down or are damaged badly, rendering them unserviceable. The steel gratings provided at drainage channels at underpasses have been stolen at various places resulting in traffic hazards and discomfort to road users along with traffic congestion at bridges and underpasses.

To maintain the traffic flow and to provide comfort to the users, the KMC is planning to replace the broken/damaged expansion joints with mono block joints and installation of gratings (composite fiber material offering no room for stealing) at under passes.

Tentative cost of the sub project is around PKR.100.00 million.

#### 3.2 Sub-Project Features

The KMC at the initial stage intends to replace the expansion joint at FTC Flyover (Length: 470 meters / 03 lanes), Baloch Colony Flyover (Length: 215 meters, Width: 15.2 meters) ICI Bridge (Length 1262.7 meters, 02 lane project) and other bridges and installation of gratings of composite fiber material at various under-passes mainly including the Underpass at Gharibabad and at Liaqatabad No.10 along Sir Shah Muhammad Sulaiman Road and at Nazimabad Petrol Pump along Hakim Ibn-e-Sina Road, Karachi. The sub-project features can be seen in Table 3.2 below:

## Table 3-2: Sub-project salient features

Sub-Project salient Features	Details		
Replacement of Expansion Joints	<ul> <li>Replacement of expansion joints with mono block joints at various flyovers</li> <li>Provision / installation of gratings (composite fiber material offering no room for stealing) at under passes.</li> </ul>		

#### 3.3. Sub-Project Location

The proposed sub-project comprises of replacement of the broken/damaged expansion joints with mono block joints and installation of gratings (composite fiber material offering no room for stealing) at under passes. Proposed locations for these replacements at Flyover / Underpass Structures are shown in Fig. 3.3.

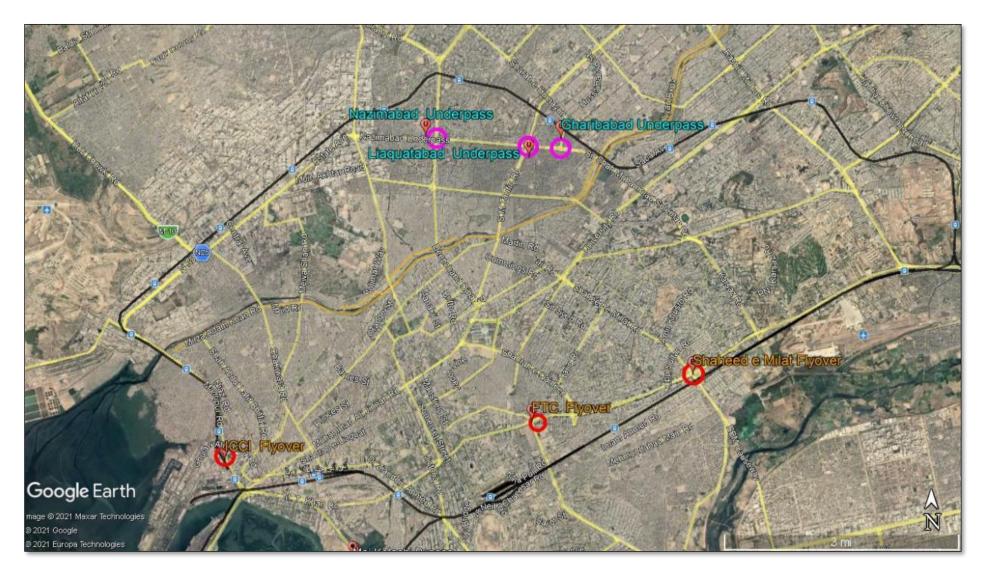


Figure 3.3: Location Map of the proposed Sub-Project

## 3.4. Sub-Project Significance

As population increases and associated urban growth continues, it will become increasingly important to undertake more such activities i.e., flyovers / underpasses on other major roads in order to maintain the region's unique character, safer law and order conditions, a high quality of life, and environmental quality. Rehabilitation and provision of such projects improves road safety and traffic flow, strengthens our communities, and makes our cities and neighborhoods more attractive and competitive places to live and work.

In general, to ease the traffic inside the city and to provide best travelling facilities to the motorist as well as heavy traffic, the KMC is committed to make a positive impact by providing well-maintained and obstacle free flyovers and underpass facilities to the residents of the vicinity as well to the daily traffic.

In brief, the proposed sub-project will curtail the traffic issues in the city and will help achieve the following objectives:

- To provide best-traveling facilities to the residents and the public using the flyovers and the underpasses;
- To provide shortest time to reach the destination;
- To ease the traffic inside the city; and
- To improve the law and order situation en-route.
- To reduce traffic accidents
- To enhance road safety

## 3.5. Environmental Setting

The proposed sub-project sites are in urban setting of various districts. For better understanding of adjoining environment, important landmarks are identified with respect to accessibility to the project area. The flyovers and underpasses included in the proposed sub-project are located along the important urban arterial roads of the city and serve densely populated urban areas.

Photographs of the flyovers and underpasses included in the proposed sub-project are presented as **Annex-A**.

## 3.6. Sub-Project Commencement Details

The sub-project construction timelines are expected to be initiated by July-2021 and the execution activities will be continued till December 2021. Expected timeframe for the proposed sub-project can be seen in Table 3.6 below:

## Table 3.6: Tentative Schedule for the proposed sub-project

Details	Duration
Expected date for the start of Construction/Rehabilitation Activities	After receiving approval from World Bank/SEPA 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, a consultancy has been taken on board for providing assistance in planning construction activities, selection of sites, architectural/engineering designing, 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

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:

S.NO	DESCRIPTION OF WORKS				
1	Dismantling cement concrete plain				
2	Earth work excavation in ashes sand, soft soil or silt clearance				
3	Cartage of all material including loading unloading and stacking at site				
4	Providing and laying reinforced cement concrete				
5	Painting with enamel paint on Masonry walls.				
6	Providing and fixing fair face precast curb stone having crushing strength				
7	Providing and fixing cement paving blocks flooring				
8	Thermo Plastic Paints				
9	Cat Eyes I Road				
7	<sup>9</sup> Supplying and Fixing of reflectorize Road Studs Double Face, Flush surface type				
10	Providing and laying Aggregate base course in proper grade				
11	2" (50 mm) Thick Asphalt Concrete Wearing Course Plant Mix				
12	Fabrication of mild steel reinforcement for cement concrete				
	PJ-6003				
13	Removing the existing joint carefully i/c temporary form work as specified not to				
15	damage adjacent structure and submitting to office store. Then providing and				
	fixing of expansion joint				
	ASSAFLEX OC				
14	Removing the existing joint carefully i/c temporary formwork as specified not to				
	damage adjacent structure and submitting to office store.				
15	BE-80-3				
	Removing the existing joint carefully ilc temporary form work as specified not to				
	damage adjacent structure and submitting to office store. Then providing and				
	fixing of expansion joint.				
_	Note: this is only the preliminary design phase				

- Note: this is only the preliminary design phase

Standard and environmentally friendly construction materials and practices will be employed.

## 3.7.3. Operation and Maintenance Phase

The overall responsibility of compliance of the operation and maintenance 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 works of the expansion joint will be financed and carried out by KMC as per the ESR, EMF and SMF of CLICK.

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.

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## Chapter 4: STAKEHOLDERS ENGAGEMENT

#### 4.1. Stakeholders Consultation

The stakeholder's engagement 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 which activities of the proposed sub-project are likely to result in significant positive or negative social effects, with a view to determine appropriate impact mitigation measures for those activities to ensure sustainability of the subproject. Due to the COVID-19 situation, public meetings were restricted by provincial government. Therefore, one to one meeting/discussions were conducted by adopting the COVID-19 Standard Operating Procedures at the sub-project location from 19th to 22<sup>nd</sup> April 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 to 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 o concerns regarding the Subproject. 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.
- The construction activities, and its potential associated health hazards, along with their 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 by the community representatives of the area and PIU Responses are summarized in Table 4.3 below:

S. No.	Stakeholder Feedback	PIU/KMC Response	
1	It was suggested that the flyover and under-pass related construction activities should be completed in time without any delay.	After obtaining necessary approvals the sub-project will be completed in expeditious manner.	
2	The replacement of expansion joints and the provision/installation of gratings may cause difficulties for the local residents and road users due to the disruption of the flow of traffic.	The work will be carried out during low- pressure of traffic and off-peak times to avoid such hindrances or difficulties for the locals and commuters. The contractor will comply with the Traffic Management Plans (TMP) as provided in ESR. Proper traffic controls will be in place during closures to minimize impacts on traffic movements and for traffic safety. Appropriate safety precautions will be taken when transporting large equipment on public roadways.	
3	Public utilities and overhead wires may be disturbed. Arrangements should be made to minimize the disruption of public utilities.	No damage to utilities of the site or of the area will occur, and no utilities will be relocated.	
4	There were concerns with the production of solid waste during the activities of the replacement of expansion joints and the installation of gratings	The contractor will be bounded to properly collect and dispose-off the solid waste generated as per ESR	
5	The stakeholders showcased concerns regarding the Health and Safety of the local residents and road users.	KMC ensured that the requisite environmental management and EHS measures shall be incorporated in the contractors' document, and it will be implemented strictly. Moreover, at all times, the contractor will provide safe and convenient passage for vehicles, pedestrians and livestock, ensuring all Health and Safety Protocols.	
6	Several respondents appreciated the proposed sub-project and KMC's initiative for the replacement of expansion joints at various flyovers and the provision/installation of gratings at under passes. They appreciated that the KMC is taking an initiative towards promoting safer transport in the city.	The KMC Acknowledged the participants & support of the residents for the project.	

## Table 4-1: Key Community Stakeholder Concerns and PIU Response

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 daily commuters in particular. People are ready to extend all types of support during the execution of the sub-project as their major difficulties will be addressed after completion of the sub-project.

## Chapter 5: ENVIRONMENTAL MANAGEMENT PLAN

## 5.1 Methodology of Environmental and Social Screening

The proposed sub-project under CLICK has a prior requirement of screening which is based on categories defined by the World Bank for EA. The objective of Environmental and social screening is to identify the potentially significant environmental/ social issues of the sub-project at an early stage for detailed Environmental and Social impacts.

The environmental and social screening for the sub-project has been carried out by making use methodology provided in the approved Environmental Management Framework (EMF), Social Management Framework (SMF), Environmental and Social Screening Checklist and the Screening Questions for Involuntary Resettlement (Annex D, E & F).). The environmental impacts are localized, low intensity, and temporary in nature which could be 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 G.

## 5.2. Overall Screening Outcome

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 land, demolition/removal of existing structures or any other major environmental threats/risks. The land as per the RoW 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.

There may be some short-term inconvenience to the local residents and road users due to closure and diversion of traffic, but it will be for a very short period when compared with its long-term benefits to the local citizens. 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... However, the mitigation measures proposed in this report should be implemented by the contractors for this subproject.

## 5.3. Statutory Clearances/ No Objection Certificate

The Sub-Project is only the replacement of expansion joints with mono block joints at various flyovers and the provision/installation of gratings (composite fiber material offering no room for stealing) at under passes, which will be under the use of local traffic commuters for a long time and all sites of bridges and underpasses are under possession of the KMC. Only Statutory clearance from the Karachi Commissioner's Office is obtained by the KMC, attached as **Annex J**.

## 5.4. Implementation of ESR

This ESR will be an integral part of contractor's bidding documents. Contractor for the sub-project will be provided with a copy of environmental screening & 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 Environmental and Social screening checklist, Environmental and Social monitoring checklist will be filled out accordingly.
- iv. 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:

Proposed Mitigation Measures	Implementation Responsibility	Monitoring Parameter(s)	Frequency	Monitoring Responsibility
Site Selection				
<ul> <li>Selection of site will not result in a loss of trees and soil erosion.</li> </ul>	E&S Team of Contractor / Sub- contractor	Visual inspection	Before initiation, During Construction	Focal Person of LC, ESS and Supervision Consultant
Noise				
<ul> <li>The contractors would ensure keeping noise levels from construction vehicles and machinery is within safe limits.</li> <li>Vehicular and machinery will not be allowed to operate at nighttime.</li> <li>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 to be used by the for the construction vehicles.</li> <li>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.</li> <li>Notifying and coordinating with residents adjacent to project areas prior to construction to inform them of the possibility of temporary noise disruption, and how to report noise complaints.</li> </ul>	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.	Pre and During Construction of the sub-project	Focal Person of LC, ESS and Supervision Consultant

<ul> <li>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.</li> <li>The contractor will adhere to the requirements of the EMF, SMF, and mitigation plan contained in the contract documents with true spirit.</li> </ul>				
<ul> <li>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.</li> <li>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. 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</li> </ul>	E&S Team of Contractor / Sub- contractor /	Visual inspection Provision of PPEs to the workers Maintenance records of equipment and machinery	Pre and During Construction of the sub-project	Focal Person of LC, ESS and Supervision Consultant

<ul> <li>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.</li> <li>Solid Waste</li> <li>The hazardous waste will be properly collected and stored at impervious</li> </ul>				
<ul> <li>surface under shade. This waste will be handed over to the authorized waste collectors (SEPA Approved) so that these could be disposed of properly. The construction contractor will implement the Hazardous Solid Waste Management Plan which will be developed by contractor and approved by the ESC.</li> <li>The debris (rejected material) produced during civil work 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.</li> <li>Non-toxic and biodegradable products will be used whenever possible.</li> <li>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 (if generate</li> </ul>	E&S Team of Contractor / Sub- contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant

<ul> <li>any such as electric batteries).</li> <li>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.</li> <li>Equipment refueling and maintenance will be limited to designated areas at least 30 meters (100 feet) from any down gradient drainage.</li> </ul>				
<ul> <li>Storm water flows will be directed away from hazardous material storage areas.</li> <li>Solid Waste will be safely disposed in demarcated waste disposal sites or dedicated garbage transfer stations (GTS;</li> <li>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.</li> <li>Burning of waste oil should be strictly prohibited.</li> </ul>				
Water Pollution				
<ul> <li>Proper disposal of solid waste in designated site to sustain the water and land quality for domestic requirements.</li> <li>Solid waste will not be thrown in Nullah or any water body present in the area.</li> </ul>	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> <li>Only drivers with a valid license and car registration documents will be allowed to drive the vehicles.</li> </ul>	E&S Team of Contractor / Sub- contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant

• 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.		
<ul> <li>Appropriate safety precautions will be</li> </ul>		
taken when transporting large equipment		
on public roadways.		
At all times, the contractor will provide safe		
and convenient passage for vehicles,		
pedestrians and livestock. The contractor will		
prepare and submit Traffic		
Management/control Plan for this activity.		
The traffic control plans will contain details of		
temporary diversions at different locations		
wherever joint expansion will be replaced,		
only one out four lanes will be closed		
temporary. Temporary diversion for lane		
traffic will be given with the approval of the		
KMC.		
• The contractor will take all necessary		
measures for the safety of traffic during		
construction work and provide, erect and		
maintain such barricades, including signs,		
markings, flags, lights and flagmen as may		
be required for the information and		
protection of traffic approaching or passing		
through the construction site. All signs,		
barricades, pavement markings will be as		
per road specification.		
<ul> <li>Informational signs will be posted where</li> </ul>		
lane and road closures could substantially		
disrupt traffic circulation at least 7 days		
prior to the closure. Proper traffic controls		

<ul> <li>will be in place during closures to minimize impacts on traffic circulation and for traffic safety. Appropriate safety precautions will be taken when transporting large equipment on public roadways.</li> <li>Flora and fauna</li> <li>Limiting vehicular transport to defined roads as to prevent unnecessary injury and be taken when the prevent unnecessary injury and be taken when taken when taken when taken w</li></ul>	E&S Team of Contractor / Sub-	Visual inspection	During and Post execution of	Focal Person of LC, ESS and Supervision
habitat destruction;	contractor /	1	sub-project	Consultant
Control of Asphalt Fumes Exposure	I	J		I
<ul> <li>Asphalt fumes cause health implications in the workers working at road construction activities. Major sources of asphalt fumes are asphalt plant and spraying of asphalt on the roads. The workers would use appropriate respiratory protection devices to avoid inhalation of the fumes.</li> <li>The workers, handling the asphalt, would also use safety gloves, apron and shoes to prevent dermal exposure to the workers.</li> <li>The application temperature of the heated asphalt should be kept as low as possible to avoid generation of fumes.</li> <li>The engineering controls and good work practices would be used at all work sites to minimize worker exposure to asphalt fumes.</li> </ul>	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     The labor with any transmittable disease				
will not be allowed on the Construction siteThe contractors will ensure and strictly implement the SOPs regarding COVID- 19 (refer to <b>Annex H</b> ), including daily body	E&S Team of Contractor / Sub- contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, ESS and Supervision Consultant

to see every set of a standard state of a line of a state of a sta		
temperature check, daily disinfection,		
quarantine management, area access		
management, PPEs, emergency response,		
and drills;		
<ul> <li>Workers should be provided with good</li> </ul>		
hygienic food for free;		
<ul> <li>Only skilled workers will be allowed to work</li> </ul>		
at the construction site;		
<ul> <li>Provision of first aid facilities for workers at</li> </ul>		
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		
Recommendations for prevention of work		
related injuries/illnesses is as follows:		
Training of workers in lifting and materials		
handling techniques in construction and		
decommissioning projects,		
<ul> <li>including the placement of weight limits</li> </ul>		
above which mechanical assists or two-		
person lifts are necessary		
Administrative controls will be implemented		
into work processes,		
<ul> <li>including job rotations and rest or stretch</li> </ul>		
breaks		
<ul> <li>Ensure that hazards associated with</li> </ul>		
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.		
<ul> <li>Unauthorized personnel will not be</li> </ul>		

<ul> <li>allowed to access the proposed project site without permission</li> <li>Workers should be facilitated by providing appropriate work specific PPE's;</li> <li>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.</li> <li>Labor Health and Working Conditions</li> <li>The worker's Grievance redressal</li> </ul>				
<ul> <li>The worker's Gnevance realessail mechanism must be developed and communicated among workers to lodge complaints;</li> <li>Workers should be provided with clean bottle water for drinking 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.</li> </ul>	E&S Team of Contractor / Sub- contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, SSS and Supervision Consultant

strictly prohibited.				
Community Health and Safety				
<ul> <li>Maintain a complaint register on site and it must be communicated to the internal staff and the public</li> <li>Close consultation with local communities to identify optimal solutions where needed</li> <li>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</li> <li>Community grievances will be recorded and responded to on an urgent;</li> <li>No Hazardous and non-hazardous waste will be dumped outside any community.</li> </ul>	E&S Team of Contractor / Sub- contractor /	Visual inspection	During and Post execution of sub-project	Focal Person of LC, SSS and Supervision Consultant
Socio-Culture and Cultural Heritage				
<ul> <li>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)</li> <li>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 ethically. The contractor's staff must be trained enough to respect local norms.</li> </ul>	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> <li>Contractor should obtain approval for excavation and submit the plan of rehabilitating the site after excavation.</li> <li>Site restoration must be completed immediately after completion the sub- project.</li> </ul>	E&S Team of Contractor / Sub- contractor /	Visual inspection Contractor's Site Restoration Plan	During and Post execution of sub-project	Focal Person of LC, ESS, SSS and Supervision Consultant

<ul> <li>All code of conducts related to the GBV, and social aspects will be consider by the implementing agency for consultation and other issues.</li> </ul>			
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**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				
Road resurfacing				
<ul> <li>Maintenance paving will be performed only in dry weather to prevent runoff contamination;</li> <li>Proper staging techniques will be used to reduce the spread of paving materials during the repair of potholes and worn pavement. These can include covering storm drain inlets and manholes during paving operations, using erosion and sediment controls to decrease runoff from repair sites, and using drip pans, absorbent materials and other pollution prevention materials to limit leaks of paving materials and fluids from paving machines.</li> </ul>	KMC Engineering Department	Visual inspection	Weekly	Focal Person of LC and Mechanical Engineering Department (M&E Department)
Road Maintenance Works				
<ul> <li>Implementation of HSE Plans during the maintenance period;</li> <li>Strict implementation of PPEs;</li> <li>Use of high quality equipment and material by the contractor;</li> <li>Continuous improvements in the emergency plans; and</li> <li>Placement of sign boards for traffic diversions and proper implementation of</li> </ul>	KMC Engineering Department	Visual inspection	Weekly	Focal Person of LC and Mechanical Engineering Department (M&E Department)

traffic diversion plans. Strict enforcement of speed limits, installation of speed guns and channelization of traffic with respect		
to categories (heavy vehicle traffic and light vehicle traffic) and enforcement of penalties for the violators.		

#### 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.** 211,905 PKR.

#### Table 5.2: ESMP/ESR Implementation Cost

Name of item	Quantity	Unit	Total Amount
Name of item	Quantity	Rate	PKR
Masks Box	5	375	1,875
Safety Shoes	20	1875	37,500
Safety Gloves	10	125	1,250
First Aid Box	5	750	3,750
Ear Plugs	20	88	1,760
Safety Helmets	20	563	11,260
Safety Jackets with reflectors	20	375	7,500
Sanitizer	10	313	3,130
Thermo-gun	2	3750	7,500
Provision of Dust Bins	5	1250	6,250
Reflective Tape	10	250	2,500
Safety cones	10	938	9,380
Safety boards	5	1250	6,250
	SUB	IOTAL (1)	99,905
OTHERS			
Water sprinkling	N/A		
Internal Training for sub-project construction staff comprises:			
- Project overview			
- ESMP/ESR implementation, communication, documentation and monitoring, and reporting requirement	1	100,000	100,000
- GBV/SH			
- Code of Conduct			
- Grievances Redress Mechanism			
Project dissemination materials such as banners, flayers,	-	12,000	12,000
	SUB	TOTAL (2)	112,000
	GRAND TO	TAL (1+2)	211,905

#### Note:

Supervision of the ESMP implementation is included in the consultant's scope of work.

#### Chapter 6: Recommendations

On the basis of the overall ESR, specifically, nature and magnitude of the residual environmental impacts identified during the screening process, it is concluded that the subproject is unlikely to cause any significant, lasting adverse impacts on the social, physical and biological environment of the area, provided that the proposed activities are carried out as suggested in the report, and the mitigation measures recommended in this report are effectively implemented.

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 commuting for the local traffic users over vehicles without being the part of any accident or incident. The proposed sub-project will also enhance the healthier and safe lifestyle of the traffic commuters and it will also comply with all legislative requirements and standards listed 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 PPEs 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.



Existing condition FTC Flyover

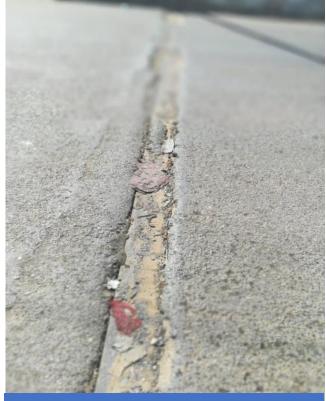


Annex A: Photographs of the Surrounding of Proposed Sub-Project

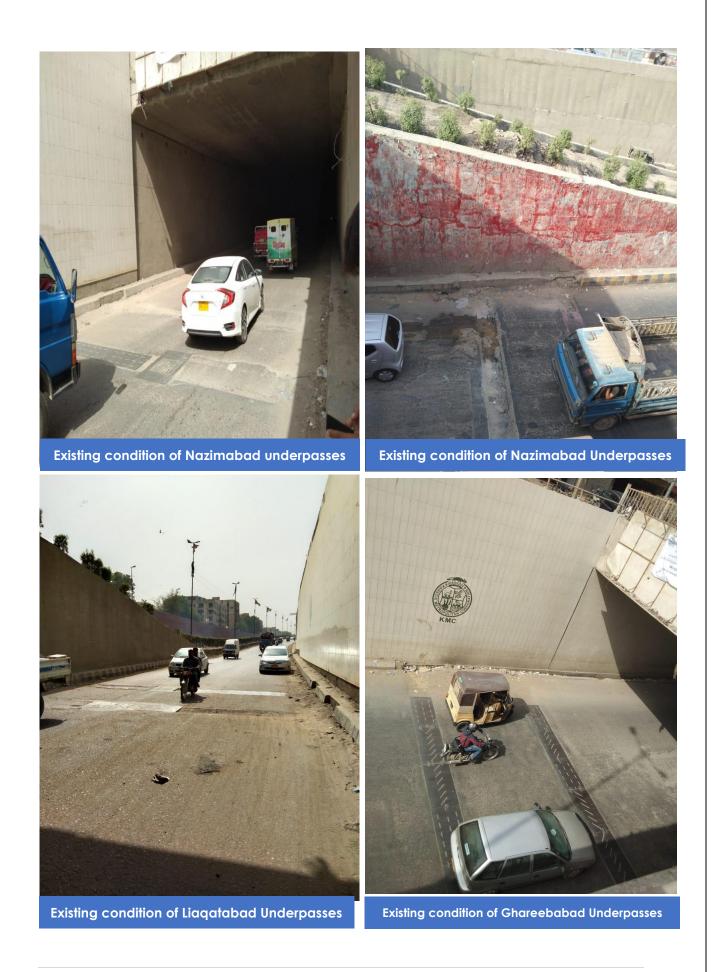




Existing condition ICI Bridge



Existing condition ICI Bridge



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#### Annex B: List of Participants



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



Date: 20-27 Feb, 2021

Agenda: Consultative Meetings/Interviews with stakeholders for "Replacement of Damaged / Broken Expansion Joints at Various Flyovers and Underpasses in Karachi Including ICI, FTC, Baloch Colony Flyover & Nazimabad, Liaquatabad Gharibabad Underpasses"

S#	Name	Designation	Department	Contact No.	Email	Signature
1	Usman Ali		Visiter	032002257		Wm
2	Wascem		Ridee	0313-214455	21	Off
3	Ahmed fotaj		Valuteer	0312-77345	37	X
4	Uldu	مزدور				Sal
5	Syed Maazzam Ali	Engineer	Visital	0318-2234114	mazzamali@jn.comple	Norgen
6	Fahen Ahned Memon	Sub-Engineer	Visitor	0315-3452/66		the
7	Katin)	architect	Juitor	-		topen x
8	على رض		19/12		-	Be
q	(Mis		صغرور			elles
10	Sep		فيعشرى وركم			Log

1º Floor, DMC South Office, KRC Captain Road, Haqqani Chowk, Aram Bagh Karachi.

Walk in interviews with local commuters GLIGK KMC-CLICK - تعادن - تركى المال ALDA (ICI) HERE STANLASSES いいしんしんなしいのいとうないとも (KMC) 1338 . ...... مدیک فیر:02240672790 (مد LICK RE MC-CLICK 1419556 HIRAD Banner was displaced at various point with complaint and suggestion mobile number GLIEK KMC-CLICK

#### Annex C: Stakeholders' Consultation





KMC official sharing information regarding subproject

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Annex D: Environmental and Social Screening Check	list
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Country	PAKISTAN						
Project Title	Competitive and Livable City of Karachi (CLICK), LGD, Sindh						
	Replacement Of Damaged / Broken Expansion Joints With Mono Block Joints And Provision/Installation Of Gratings Of Composite Fiber Material At Various Flyovers and Underpasses in Karachi						

	Yes	No	Impact Severity Ranking				
SCREENING QUESTIONS			NR	1	2	3	REMARKS/Mitigation Measures
Project Siting Is the project area							
1. Densely populated?		$\checkmark$	N				The proposed subprojects are located along major urban arterials mostly carrying higher volumes of through traffic whose movement is badly affected due to damaged expansion joints and gratings at flyover and underpasses, which is a traffic hazard. It results in accidents and compromise road safety. Traffic congestion, delays and street crimes are also caused on these locations. The project will help to manage the traffic and provide safer and smooth drive to motorists and other traffic, the positive impact of this project will be of high value. <b>Mitigations:</b> The construction contractor will develop traffic management pans along with civil work construction plans accordingly, prior to start of work and also provide advanced warning and guidance signs for the work zone.
<ol><li>Heavy with development activities?</li></ol>		$\checkmark$					No development activity is going on in the surrounding area.

SCREENING QUESTIONS		Yes	No	Impact Severity Ranking				
				NR	1 2		3	REMARKS/Mitigation Measures
3.	Adjacent to or within any environmentally sensitive areas?		$\checkmark$	V				No sensitive area is around.
1.	Cultural heritage site			$\checkmark$				No cultural or heritage site is in the vicinity of this project.
4.	Protected area		$\checkmark$	$\checkmark$				The area is well in the use of the residents as well as motorists and heavy traffic and is not protected.
5.	Wetlands			$\checkmark$				No wetland or damage to flora and fauna.
6.	Mangrove		$\checkmark$					No mangroves or other species are available likely to be disturbe in view of this activity.
7.	Estuarine		$\checkmark$					No estuarine area is present around the project area.
8.	Buffer zone of protected area		$\checkmark$	$\checkmark$				No buffer zone viz. a river lake, open space, trees, shrubs in its immediate surroundings. However, mangroves are present at saf distance.
9.	Special area for protecting biodiversity		$\checkmark$					The area is in use of regular inhabitants and no special area for the protection of biodiversity exists.
2.	Forest		$\checkmark$					No forested area or a forestation is around
10	. Bay		$\checkmark$	$\checkmark$				No bay is around this project
	ential Environmental Impacts truction Phase)			1	1	1	1	
1.	Will construction camp site cause land clearing and tree cutting?		$\checkmark$	V				The project is designed for replacement of existing expansion joir and installation of gratings at various bridges/flyover and under passes, therefore no tree cutting is involved, and no construction camp will be constructed.
2.	Will construction camp site interfere with the community?		$\checkmark$	$\checkmark$				There will be no construction camp and therefore no interference to community as work will be limited to the flyover / underpass.
3.	Will construction camp site cause soil pollution?			$\checkmark$				There will be no construction camp, therefore, no soil pollution wi be created.

		Yes	No	Impact Severity Ranking				
SCREEL	CREENING QUESTIONS			NR			3	REMARKS/Mitigation Measures
4.	Will construction camp generate domestic solid waste?		$\checkmark$	$\checkmark$				There will be no construction camp, therefore, no domestic waste will be created.
5.	Will construction camp generate hazardous solid waste?		$\checkmark$	$\checkmark$				There will be no construction camp, therefore, no hazardous will be created.
6.	Will construction camp generate sanitary wastewater?		$\checkmark$	$\checkmark$				There will be no construction camp, therefore, no sanitary wastewater will be generated.
7.	Will fire be a potential safety hazard at construction camp?		$\checkmark$	$\checkmark$				No construction camp will be established, therefore, no fire risk is anticipated.
8.	Will construction camp activities cause air pollution?		$\checkmark$	$\checkmark$				Not applicable since there will not be any construction camps.
9.	Will construction camp activities cause noise?		$\checkmark$	$\checkmark$				No construction camp will be established; therefore, no noise pollution will be caused.
10.	Will construction activities require tree cutting?		$\checkmark$	$\checkmark$				In this project no construction beyond the selected flyover / underpasses is required, therefore, no cutting of trees is involved.
11.	Will construction activities resulting damaging existing local roads, bridges or other infrastructure?		$\checkmark$	$\checkmark$				No construction activities except replacement of the existing broken / damaged expansion joints and gratings are required; therefore no damage will be done to the existing local roads, bridges or other infrastructure.
12.	Will construction activities involve use of explosives and chemicals?		$\checkmark$	$\checkmark$				No explosive will be used as no major excavation work / rock blasting will be carried out.
13.	Will construction activities disturb natural habitats?		$\checkmark$	$\checkmark$				No natural habitats will be disturbed as the project is replacemen of the existing broken / damaged expansion joints at flyovers and gratings at underpasses within their ROW.
14.	Will construction activities resulting impairment of historical/cultural monuments/areas and loss/damage to these sites?		$\checkmark$	V				No historical/cultural monuments/areas will be lost or damaged.

	Vec	No	Impact	Severit	y Ran	king	DEMA DKS (Million Monouroe
SCREENING QUESTIONS	Yes		NR	1	2	3	REMARKS/Mitigation Measures
15. Will construction activities generate noise?	Yes			$\checkmark$			Moderate noise will be generated during civil works. <b>Mitigations</b> The contractors would ensure keeping noise levels within safe limits. Vehicular and machineries will not be allowed to operate in 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 such as ear plugs or earmuffs, as per requirements; Notifying and coordinating with residents adjacent to project areas prior to construction to inform them of the possibility of temporary noise disruption, and how to report noise complaints; The contractor will adhere to the requirements of the ESR, and mitigation plan contained in the contract documents.
16. Will construction activities generate dust?							Moderate risk of dust emissions are envisaged during civil works and transport of labor and construction material. <b>Mitigations</b> Provision and ensuring use of dust masks. Regular sprinkling of water on construction sites and vehicular routes. Covering of stockpiled
17. Will construction activities cause air pollution due to stack emissions from generators, construction machines and vehicles?	Yes			V			No significant air pollution will be borne as no generator or any machine will be used in this project except usual vehicles/machinery pertaining to maintenance work will be used. <b>Mitigations</b> 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

SCREENING QUESTIONS	Yes	No	Impact	Severity	y Ranl		REMARKS/Mitigation Measures
	103		NR	1	2	3	
							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.
18. Will construction activities generate asphalt emissions?		$\checkmark$	$\checkmark$				Minor construction activity is involved in this project, therefore, no asphalt emission will be involved as asphalt paving or spraying therefore, no asphalt emission will be there.
19. Will construction activities cause soil pollution?							Improper disposal of construction/general waste could cause minor soil pollution
		Yes		$\checkmark$			Mitigation During civil works, any construction waste will be collected and stored onsite without blocking public pathways. The collected waste will be periodically transported to government allocated waste disposal sites.
20. Will construction activities generate construction debris?							Yes, as the sub-project will involve a little quantity of civil works, which will generate the construction debris. <b>Mitigation</b>
	Yes			$\checkmark$			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.
21. Will construction activities generate hazardous solid waste?	Yes						Yes, during the construction activities different types of hazardous solid waste including empty containers of paint, lubricants, grease, fuel, etc. oil filters, and construction waste will be generated, though in very small quantity.
							Mitigation

CREENING QUESTIONS	Yes	No	Impac	Severit	y Ran	king	DEMADKS (Millinghian Magauras		
CREENING QUESTIONS	163		NR	1	2	3	REMARKS/Mitigation Measures		
							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 thi screening report and elucidated in Table 5-1 above. In addition, following mitigations will be implemented in true spirit: Non-toxic and biodegradable produced will be used whenever possible. 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 with 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 availab wherever hazardous materials are being used or stored. Any incidental spills or leaks will be contained and cleaned up as soo 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.		
22. Will construction take place near to water bodies?		$\checkmark$					At present there are no water bodies at existing sites of bridges and underpasses.		
23. Will construction activities cause contamination of the surface water resources?		No	NR				The sub project doesn't involve any activities that cause the contamination of the surface water.		
24. Will construction activities take place near wastewater/storm water drains?	Yes			V			Installation of gratings will be undertaken on the storm drains/ catch drains provided across the underpasses. <b>Mitigations</b> After removing the existing broken / damaged gratings, the dra will be properly cleaned ensuring effective drainage of wa		

	Vee		Impac	Severit	y Ran	king	PEAAABKS (Miliaghian Magauras		
SCREENING QUESTIONS	Yes	No	NR	1	2	3	REMARKS/Mitigation Measures		
							through them before laying of new gratings. All debris will be carefully removed by the contractor and the site will be cleaned and prepared for the movement of traffic.		
25. Will construction activities result in damaging the utilities at site?		No	NR				The sub-project development will not cause any damage to the utilities of the site or utilities of the area.		
26. Will construction activities require utilities relocation?		No	NR				No utilities relocation is required.		
27. Will construction activities involve excavation?	Yes						No construction activities are involve like excavation etc.		
28. Will construction involve heavy machinery?		No	NR				The construction doesn't involve heavy machinery.		
29. Will construction activities increase road traffic at site?		No	NR				Yes, but less number of vehicles are required for construction activities, which may cause minimal traffic congestion. The construction/rehabilitation activities will be carried out within the sub project site, therefore, no load is expected onto the nearby roads of the proposed project area. 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 congestion/diversion?							The work will be carried out during low pressure of traffic / off-peak hours, therefore little traffic congestion/jam will appear at the project areas. <b>Mitigations</b>		
	Yes			V			At all times, the contractor will provide safe and convenient passage for vehicles, pedestrians and livestock. The contractor will comply the Traffic Management Plans (TMP) as provided by the contractor, reviewed and approved by Focal Person of LC, ESS and Supervision Consultant. The traffic control plans will contain details of temporary diversions at different locations wherever joint expansion will be replaced, only one out four lanes will be closed		

	Ver	No	Impact	Severit	y Ran	king	DEMADKS (Milligglion Monouroe		
CREENING QUESTIONS	Yes		NR	1	2	3	REMARKS/Mitigation Measures		
							temporary. Temporary diversion for lane traffic will be given with the approval of the KMC. Special consideration will be given in the preparation of the traffic control plan to the safety of pedestrians and workers at night. The temporary traffic detours in settlement areas will be kept free of dust by frequent application of water. The contractor will take all necessary measures for the safety of traffic during construction work and provide, erect and maintain such barricades, including signs, markings, flags, lights and flagmen as may be required for the information and protection of traffic approaching or passing through the construction site. All signs, barricades, pavement markings will be as per road specification. Informational signs will be posted where lane and road closures could substantially disrupt traffic circulation at least 7 days prior to the closure. Proper traffic controls will be in place during closures to minimize impacts on traffic circulation and for traffic safety. Appropriate safety precautions will be taken when transporting large equipment on public roadways. - Signs/visual warning devices should be used to alert workers and pedestrians to potential hazards. - create a buffer area to separate workers and equipment from oncoming traffic - clearly mark the work zone so that drivers can know where they need to pay an extra attention - prepare traffic control plan to define all the mitigation measures for traffic safety to be implemented.		
31. Will construction activities cause mobility and accessibility issue for the residents?		No	NR				No such issue of mobility/accessibility will cause during the sub- project development.		
32. Will construction activities/machines be the safety hazards for the workers?		No	NR				The development of the proposed subproject doesn't involve an 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.		

SCREENING QUESTIONS	Yes	No	Impact Severity Ranking				REMARKS/Mitigation Measures
SCREENING QUESTIONS			NR	1	2	3	REMARKS/Miligation Measures
33. Will construction activities be the safety hazards for the occupational?	Yes				$\checkmark$		Yes, occupational health and safety issues are anticipated from the proposed activities. <b>Mitigations:</b> The labor with any transmittable disease should not be allowed on 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 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 will cause any damage to flora		No	NR				No, the proposed activities will not cause any harm to biodiversity of the area since the subproject activities are proposed in
and Fauna of the area?							urbanized areas without presence of flora or fauna.

	Vac	Nie	Impact	Severity	Ran	king	
SCREENING QUESTIONS	Yes	No	NR	1	2	3	REMARKS/Mitigation Measures
C. Potential Social Impacts				I I		I	
<ol> <li>Will the construction cause any labor issues such as labor living and working conditions?</li> </ol>	Yes				V		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 which doesn't involve issues. <b>Mitigations:</b> 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 will cause community Health and Safety issues? Or any other issues?		No	NR				No such impacts are anticipated, though following will be applicable to the project activities. <b>Mitigations:</b> GRM Mechanism 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 recorded and responded to on an urgent No Hazardous and non-hazardous waste will be dumped outside any community

	CREENING QUESTIONS		No	Impact	Severit	y Ran	king	PEMARKS (Mitigation Moasuros		
SCREEP	NING QUESTIONS	Yes	NO	NR	1	2	3	REMARKS/Mitigation Measures		
3.	Will the construction activities cause the socio-cultural issues and damage to any cultural heritage?		No	NR				No, the construction activities will not cause such impacts. <b>Mitigations:</b> 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 contractor's staff must be trained enough to respect local norms.		
C. (Oper	Potential Environmental Impac ational Phase)	cts	1				<u> </u>			
1.	Leakages in the drains		$\checkmark$	$\checkmark$				The project is for rehabilitation of expansion joints and grading therefore no leakage of drain (s) will be there.		
2.	Damaging of drains		$\checkmark$	$\checkmark$				The project is for rehabilitation of expansion joints and gratings therefore, no drains will be damaged.		
3.	Clogging and overflowing of wastewater from the drains		$\checkmark$	V				The project is for rehabilitation of expansion joints and grading therefore, no over flowing of any gutter will be involved.		
4.	Chances of contamination water supply		$\checkmark$	V				The project is for rehabilitation of expansion joints therefore, no contamination of water supply coming in the area of project.		
5.	Flooding at roads		$\checkmark$	$\checkmark$				The project is for rehabilitation of expansion joints therefore, no flooding will be generated.		
6.	Type of lightings in the infrastructure							No lighting is involved as the project is for replacement of existing expansion joints and gratings.		
7.	Inadequate protection of intake works or wells, leading to pollution of water supply?		$\checkmark$	$\checkmark$				Not applicable as the project is for rehabilitation of expansion joints only.		

SCREENING QUESTIONS	Yes	No	Impac	Severit	y Ran	king	DEAA A DKS /AAitige	REMARKS/Mitigation Measures			
SCREENING QUESTIONS		NO	NR	1	2	3	KEMAKKS/Milligt	mon measures			
NR Not Relevant 1No or Minor Impact 2Moderate, Short Term, Reversible Impact 3Severe, Long Term, Irreversible Impact											
Category							A	В	С		
Environmental Management Require	d						NO	N/A	YES		
Type of Environmental Management	Tool to	o be U	sed				Envi	onmental and	social monitoring checklist		
Prior review and "no-objection" of W	orld Bo	ank rea	quired.						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 work will be executed within the available carriageway.
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 road is owned by the municipality.
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?		~		No land acquisition or clearance of the existing ROW will be required
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?		✓		People will not lose access to natural resources, communal facilities and services or to the legally designated parks/protected areas and the access to the built-up area shall remain open to the general public/visitors. Rehabilitation work will be restricted to the width

Probable IR Impacts	Yes	No	Not Known	Remarks							
				of flyover or underpasses only.							
Will access to land and resources owned communally or by the state be restricted?		~		These roads are owned by the KMC and the access will not be restricted.							
Information on PAPs:											
Any estimate of the likely number of persons that will be affected If yes, approximately how many? <b>Not applicable</b>	Any estimate of the likely number of persons that will be affected by the Project? [NO] If yes, approximately how many? Not applicable										
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	projec	t, as ne	ecessary.								

Sr.#		Mitigation Measures I	Reason for non- compliance	Corrective		
	Environmenta I Aspect	Details	Status (Yes/No)	Means of Monitoring (Documents/Pictoria I Proof)	(If status is " No")	Measures
1.	Site Selection	<ul> <li>Selection of site that will not result in loss of trees and soil erosion will be considered for siting and construction activities.</li> </ul>				
2.	<u>Noise</u>	<ul> <li>The contractors would ensure keeping noise levels from construction vehicles and machinery is within safe limits.</li> <li>Vehicular and machinery will not be allowed to operate at night time.</li> <li>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.</li> <li>Workers will use noise protection equipment including ear plugs and/or ear muffs</li> <li>Pressure horns will not be allowed to be used by the for the construction vehicles.</li> <li>The contractor will adhere to the requirements of the EMF, SMF, and mitigation plan contained in the contract documents with true spirit.</li> </ul>				

## Annex F: Environmental and Social Monitoring Checklist

		- 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.
3.	Air Emissions	- 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
	1	dust/particulate emission. Air quality

4.       Solid Waste       -       -         4.       Solid Waste       -       -       -         4.       Solid Waste       -       -       -         9.       Solid Waste       -       -       -       -         9.       Solid Waste       -       -       -       -       -         9.       Solid Waste       -       -       -       -       -       -       -         9.       - <th></th> <th> </th> <th>analysis will be carried out before and</th> <th></th>			analysis will be carried out before and	
4.       Solid Waste       -       -         4.       Solid Waste       -       -         5.       Leftover material would not be disposed site.       -       -         4.       Solid Waste       -       -       -         6.       Solid Waste       -       -       -       -         7.       Solid Waste       -       -       -       -         7.       -       -       -       -       -         7.       -       -       -       -       -       -         7.       -       -       -       -       -       -       -         7.       -       -       -       -       -       -       -       -         8.       -       -       -       -       -       -       -       -				
4.       Solid Waste <ul> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>The debris frequencies</li> <li>Solid Waste</li> <li>Solid Waste<th></th><th></th><th>- · · · · · · · · · · · · · · · · · · ·</th><th></th></li></ul>			- · · · · · · · · · · · · · · · · · · ·	
<ul> <li>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 fifness certificate/maintenance records of the generators, vehicles and machines before deploying them at the construction sites.</li> <li>Solid Waste</li> <li>The debris (rejected material) produced during construction would be disposed off in government approved/allocated disposal sites. Leftover material would not be dumped into stomwater drains or watercourse, because such practices can clog these man-made and natural drainage systems and cause many other problems for the residents/Local Commuters.</li> <li>Non-toxic and biodegradable produced will be used whenever possible.</li> </ul>				
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<ul> <li>Non-toxic and biodegradable produced will be used whenever possible.</li> <li>Hazardous materials will be</li> </ul>				
produced will be used whenever possible. - Hazardous materials will be				
possible. - Hazardous materials will be				
- Hazardous materials will be				
transported and stored in appropriate			possible.	
containers with clearly visible labels.			possible.	

		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 generate any 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 generales from the site, defining the schedule for hazardous waste management and its
		<ul> <li>hazardous waste management and its disposal.</li> <li>Burning of waste oil should be strictly prohibited.</li> </ul>
5.	Water Pollution	<ul> <li>Proper disposal of solid waste in - designated site to sustain the water and land quality for domestic requirements. Solid waste will not be</li> </ul>

		thrown in Nullah or any water body				
		present in the area.				
δ.	Vehicular Traffic	<ul> <li>Only drivers with a valid license and car registration documents will be allowed to drive the vehicles.</li> <li>The drivers will be trained to strictly adhere to local traffic laws.</li> <li>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.</li> <li>Appropriate safety precautions will be taken when transporting large equipment on public roadways.</li> <li>proper road signage during construction period, followed by provision of adequate and safe pedestrian crossings and walkways</li> <li>create a buffer area to separate workers and equipment from oncoming traffic</li> <li>clearly mark the work zone so that drivers can know where they need to pay an extra attention</li> <li>prepare traffic control plan to define all the mitigation measures for traffic safety to be implemented.</li> </ul>	-		-	-
7.	Flora and Fauna	<ul> <li>Limiting vehicular transport to defined roads as to prevent unnecessary injury and habitat destruction;</li> <li>Hunting and trading of any wildlife species will be strictly prohibited;</li> </ul>	-	-	-	-
8.	Occupational Health and	- The labor with any transmittable disease will not be allowed on the	-	-	-	-

	T	
Safety	Construction siteEnsure and strictly	
	implement the SOPs regarding	
	COVID- 19, including daily body	
	temperature check, daily	
	disinfection, quarantine	
	0	
	management, PPEs, emergency	
	response, and drills;	
	- Work related hazards should be	
	assessed.	
	<ul> <li>the safety procedures to address</li> </ul>	
	the identified hazards associated	
	with the specific works such as	
	excavation and welding should	
	be prepared and followed.	
	be prepared and followed.	
	Warkers should be provided with	
	- Workers should be provided with	
	good hygienic food for free;	
	<ul> <li>Only skilled workers will be allowed</li> </ul>	
	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 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; Recommendations for prevention and control of ergonomic injuries and illnesses include: • Training of workers in lifting and materials handling techniques in construction and decommissioning projects, including the placement of weight limits above which mechanical assists or two-person lifts are necessary • Administrative controls will be implemented into work				
		<ul> <li>Administrative controls will be implemented into work processes,</li> <li>such as job rotations and rest or stretch breaks</li> </ul>				
9.	Labor Living and Working Conditions	<ul> <li>The worker's Grievance redressal mechanism must be developed communicated among workers to lodge complains;</li> <li>Workers should be provided with clean drinking water for free;</li> <li>Avoiding Gender Based Violence.</li> </ul>	-	-	-	-

		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.				
10.	Community Health and Safety	<ul> <li>strictly prohibited.</li> <li>Maintain a complaint register on site and it must be communicated to the internal staff and the public</li> <li>Close consultation with local communities to identify optimal solutions where needed</li> <li>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</li> <li>Community grievances will be recorded and responded to on an</li> </ul>	-	-	-	-

		urgopt				
		urgent - No Hazardous and non-hazardous waste will be dumped outside any community.				
11.	Socio-Culture and Cultural Heritage	<ul> <li>Contractor will not cause any damage or harm to cultural heritage around the project area.</li> <li>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.</li> </ul>	-	_	-	-
12.	Site Restoration	<ul> <li>Contractor should obtain approval for excavation and submit the plan of rehabilitating the site after excavation.</li> <li>Site restoration must be completed immediately after completion the sub-</li> </ul>	-	-	-	-
		project.				
13.	Operational Phase	<ul><li>project.</li><li>Road resurfacing</li></ul>	-	-	-	-

	materials to limit leaks of paving				
	materials and fluids from paving				
	machines.				
15.	- Road Maintenance Works	-	-	-	-
16.	<ul> <li>Implementation of HSE Plans during the maintenance period;</li> <li>Strict implementation of PPEs;</li> <li>Use of high quality equipment and material by the contractor;</li> <li>Continuous improvements in the emergency plans; and</li> <li>Placement of sign boards for traffic diversions and proper implementation of traffic diversion plans. Strict enforcement of speed limits, installation of speed guns and channelization of traffic with respect to categories (heavy vehicle traffic and light vehicle traffic) and enforcement of penalties for the</li> </ul>		-	-	-
	violators.				
17.	-	-	-	-	-

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:

Date on which screening was carried out	Last week of February 2021	
Focal Person of LC	<b>Mr. Masood Alam</b> 0333-3421371	
Environmental Focal Person	Mr. Mohammad Tariq 0322-2349036	
Social Focal Person of LC	<b>Mr. Syed Kazim</b> 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> <li>Detail profile of the workforce will be developed</li> <li>Enlist the names, addresses and contact number</li> <li>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.</li> </ul>
B. Initial Screening	<ul> <li>All enlisted workforce should go through initial screening (checking temperature using thermo gun) to confirm their fitness.</li> <li>Ensuring the availability of Thermogun/s at site.</li> <li>Checking temperature of all workers and maintaining record.</li> <li>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.</li> </ul>
	During Execution Phase

A. Restricted Movement/ Demobilization of staff B. Special Arrangements regarding PPEs	<ul> <li>Entry/exit to the work site should be controlled and documented for workers and other people. Possible measures should include:</li> <li>Ensure that the social distancing is observed on site</li> <li>All workers who reside in site labor camps (if any) should be provided separate accommodation keeping in view social distancing protocol.</li> <li>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.</li> <li>Ensure availability of PPEs at site including disposable masks, gloves etc.</li> <li>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 used as a last resort if no medical PPE is available.</li> </ul>
C. General Hygiene	<ul> <li>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.</li> <li>Maintain a distance of at least one meter.</li> </ul>
D. Training sessions	<ul> <li>Contractors E&amp;S Team will arrange awareness sessions for Contractors and their labor force.</li> <li>Sessions related to safety procedures, use of construction PPEs, occupational health and safety issues, and code of conduct specially privacy issues including social distancing</li> <li>Post appropriate signage and pictorial displays at site about COVID-19 Health &amp;Safety measures.</li> <li>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).</li> <li>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.</li> </ul>
E. Operationalization of Grievance Redress Mechanism	• 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> <li>PIU is responsible for sharing the COVID-19 checklist with the contractors in the subproject procurement documents.</li> <li>Arrange meetings with contractors for support and guidance where needed.</li> </ul>
G. Role of supervision consultant	<ul> <li>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.</li> <li>Ensure that the necessary PPEs (as per contract) have been issued to the staff by the respective contractor.</li> </ul>

	Post Execution Phase
A. Post Screening	If a worker shows any symptoms of COVOD-19, he should be immediately reported to the concerned health department.
B. Cleaning and waste disposal	<ul> <li>All waste (PPEs and sanitation related) shall be disposed off properly following Sindh Hospital Waste Management Rules, 2014.</li> <li>Providing cleaning staff with adequate protective gear, cleaning equipment, and disinfectants.</li> <li>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.</li> </ul>

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.



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# کوویڈ۔ ۹ اوبائی امر اض اور صحت سے متعلق حفاظتی اقد امات

کورونادائر س(COVID) وبانی مرض کے دوران کام کرنے والے تعمیر اتی مقامات کو اس بات کا یقین کرنے کی ضرورت ہے کہ دوہ انقیکشن سے خطرے اور پھیلاؤ کو کم سے کم کرنے کے اقدامات پر عمل کر کے اپنی افرادی قوت کی حفاظت کر رہے ہیں۔ تعمیر اتی معیاری پروٹو کو لز، تعمیر اتی تحصیلا ادوں ، سب تحصیلا ادوں اور دیگر کے لئے بہترین طریقوں کا خاکہ پیش کرتا ہے تا کہ 20 - COVID بحران کے دوران فرائض انجام دینے کے لئے درکار تمام کار کنوں کی صحت اور حفاظت کو برقرار رکھا جا سکے پروٹو کول، جس میں روک تقام، پید لگانے اور رد عمل کے اقد امات شامل ہیں، بحران کے اثر ات کو کم سے کم کریں گے اور کلک کے 20 مقدوروں پر آسانی سے مملد رآ مد کو یقینی بنائیں گے۔ 20 مقدوروں پر آسانی سے مملد رآ مد کو یقینی بنائیں گے۔ 20 مقدوروں پر آسانی سے مملد رآ مد کو یقینی بنائیں گے۔ 20 موریڈ - 19 وبانی بیاری کی غیر معمولی نوعیت کے پیش نظر، شحیلیدار سائٹ پر صحت اور حفاظت سے متعلق اقد امات کو بر قرار رکھا 20 موریڈ - 10 وبانی بیاری کی غیر معمولی نوعیت کے پیش نظر، شحیلیدار سائٹ پر صحت اور حفاظت سے متعلق اقد امات کو بر قرار رکھا 20 دویڈ - 10 وبانی بیاری کی دوک تقام کے لیے حفاظات صحت کی ضروریات کے بارے میں مناسب انتظامیات کو یقینی بنانے 20 دور کو میڈ - 10 وبانی بیاری کی روک تقام کے لیے حفاظات صحت کی ضروریات کے بارے میں مناسب انتظامیات کو یقینی بنانے 21 دور کو میڈ - 10 وبانی بیاری کی روک تقام کے لیے حفاظات صحت کی ضروریات کے بارے میں مناسب انتظامیات کو یقینی بنانے 21 دور کو ویڈ - 10 مان میں معاری اور اینا نے کی پابند ہیں۔ کو ویڈ - 10 کی تصل وزیات کے بارے میں مناسب انتظامیات کو یقینی بنانے 21 دور کو ویڈ - 10 مان کی دوری سے متعلق ESMP / ESM کی سفار شات کے مطابق تر اور کی تعمیر اتی 21 دور کی محمول پر کیاں اقد امات کی فر ایمی اور کلک پر وجیک سے وابستہ تھیکیداروں ، ذیلی تھیکیداروں ، اور دیگر افر اور دیگر تھیں اور دی کو تعمیر اتی کی معار اور دی کو میں کی تعمیر اتی ہے تھی موال ہے ہے میں میں سے معمول کی میں ہوں پر کیماں اقد امات کی فر دور کی ہوں پر کیماں اور دامات کی فراجمی دی کی پر میں پر سے میں ہوں ہو کی ہو ہی تیا ہے۔ 21 میں کو حفش کو نوش کی فرانی دور کے سے معالی ہے معلی ہوں ہوں کی میں ہوں ہو کی میں دور دور دی مے منتوں کی میں ہوں کی میں ہوں ہو کی میں ہوں ہوں ہو کو میں ک

. کوویڈ - ۱۹ ومائی امر اض اور صحت سے متعلق حفاظتی اقد امات

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



احتياتي تدابير	مرگرمیاں
عمل درامد سے پہلے	
ا۔افردی قوت کا تفصیلی پردفائلؓ	
۲- نام، پیچ اور رابطه نمبر کی فہرست تیار کرنا	
ستہ تمام افرادی قوت کی فہرست تیار کرنابشمول مقامی آبادی سے تعلق رکھنے والے افراد اور وہ لوگ 	پروفائل کی تیاری
جو مکان کرایہ پرلیں گے کوہدایت کی جائے کے وہ سائٹ کے قریب موجودہ لو گوں سے رابطہ کم سے اس	
کم رکھیں اور مخصوص حالات میں اپنے معاہدے کی مدت کے دوران سائٹ چھورنے سے بھی منع کیا ۔	
جائے تا کہ مقامی ابادیون سے رابطہ کم سے کم ہو۔	
ا۔ تمام اندراج شدہ افرادی قوت کو ابتدائی کوویڈ۔ ۱۹۔ اسکریننگ کے عمل سے گزاراجائے تا کہ ان	ابتدائی اد کریننگ
کی اچھی صحت کی تصدیق ہو سکے۔	
۲۔سائٹ پر تھر موگن کی دستیابی کو یقینی بنایا جائے۔	
سل ملاز میں کے درجہ حرارت کاریکارڈر کھاجائے	
<sup>مہ</sup> ۔ اگر کسی ملاز مین میں کوویڈ۔۹۱ (جیسی بخار، خشک کھانسی، تھکاوٹ) کی علامات ظاہر ہوں توسائٹ	
پر موجود نگران کی زمہ داری ہے کی وہ متعلقہ ملاز میں کو فوری طور پر کام سے روک دے اور اسے	
قریبی مرکزی صحت بھجوائے۔ متا ژرہ کارکن کے ساتھ رابطے میں رہنے والے کارکن کو مہا دن تک	
سائٹ پر کام کرنے سے روکا جائے	
عمل درامد کے دوران	
	محدود نقل وحركت
ا۔ کام کی جگہ پر داخلی خارجیر استون پر کار کون اور دیگر افراد کی آمد و فروخت کو محد ود اور	
ریکارڈ میں رکھاجائے۔مکنہ اقد امات میں یہ شامل ہوناچا ہیے۔ 	
۲۔ سائٹ پر کام کرتے، آرام کرتے یا کھانا کھاتے ہوئے ساجی فاصلہ بر قرارر کھیں۔	
سر ہنگائی 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 کوصاف ستحر ارکھنے اور بقیہ ملاز میں کی	

<sub>۔</sub> کودیڈ۔۱۹ وبائی امر اض اور صحت سے متعلق حفاظتی اقد امات

COMPETITIVE & LIVABLE CITY OF KA LOCAL GOVERNMENT DEPARTMEN GOVERNMENT OF SINDH	
اسکریڈنگ شامل ہیں۔	
ہم۔ ایسے کارکن جو سائٹ لیبر کیمپیوٹر میں رہتے ہیں ان کے لیے (اگر کوئی ہے تو) ساجی فاصلہ کے	
پر ٹو کول کو مد نظر رکھتے ہوئے ان کے لیے الگ رہائش کا بند وبست کیا جائے۔	
ا۔سائٹ پر زاتی حفاظتی سازوسامان بشمول ڈسپوزیبل ماسک اور دستانون کی دستیابی کویقینی بنایا جائے۔	زاتی سوز وسامان کی حفاظتی اقدامات
۲۔ سائٹ پر موجو د حفاظتی سازوسامان کار بکارڈر کھا جائے۔	
سا۔اگر عالمی سطح پر ذاتی سامان کی قلت ہو جائے تو متبادل کے طور پر ڈسٹ ماسک، کنسٹر کشن والے	
د ستانے اور حفاظتی عینک کی فراہمی کویقینی بنایا جائے۔	
ا۔ ملاز مین کی حوصلہ افزایی کی جایے تا کہ وہ سائٹ پر کم سے کم ۲۰ سیکنڈ تک ہاتھ دھوتے	عام حفاظات صحت
رہین۔سائٹ کے اہم مقامات پر صابن فراہم کیا جائے۔جہاں صابن رکھنے کی جگہ نہیں بیہ مناسب	
نہین وہاں سینیٹا ئزرر کھے جائں۔	
۲۔ کم سے کم ایک میٹر کی دوری بر قرار رکھیں۔	
ا۔ ٹھیکیدار کے ماحولیاتی وساجی ماہریں ٹھیکیدار کے دیگر عملے کے لیے آگاہی سینشن کااہتمام کرے	ٹریننگ سیشن
گی۔ اس سیشن میں حفاظتی اقدامات ذاتی حفاظت کے ساز وسامان کا صحیح استعال، کام کے دوران	
صحت کے مسائل اور ضابطہ اخلاق بالخصوص پر اکو کیپی اور سماجی فاصلے پرٹریننگ دی جائے گی۔	
۲۔ کو ویڈ۔ ۱۹۔ ایس او پیز کو سائٹ پر واضح طور پر آ دازیں کیا جائے۔	
س سائٹ سپر دائزر افرادی قوت کے ساتھ وفتن بہ وفتن بریفینگ کابند وبست کیا جائے۔اور ملاز میں	
کواس کی ترغیب کی جائے۔	
ہم۔ سائٹ کے داخلے راہتے پر تعینات ور کرز کوٹریننگ اور مسائل فراہم کیے جائمین تا کہ وہ در کرز کا	
درجه حرارت چیک کر سکیں اور رکارڈ رکھ سکیں۔	
ٹھیکیدار پی ایم یو کے بنائے گئے شکایات کے ازالے کے نظام کو سائٹ پر مو ژر بنائے تا کہ کوویڈ۔ ۹ا۔	عوامی شکایات کے ازالے کا نظام
کے ایس او پیز سے متعلقہ شکایات کاازالہ ہو سکے۔	
ا۔ پی ایم یو ٹھیکیدارون کو کوویڈ۔ ۱۹۔ چپک لسٹ فراہم کرے گا۔	پي ايم يو کا کر دار
ر ہنمائی اور مد دکے لیے ٹھیکیدار پی ایم یو کے ساتھ را بطے میں رہیں۔	

ے کودیڈ۔ ۱۹ دبائی امر اض ادر صحت سے متعلق حفاظتی اقد امات

COMPETITIVE & LIVABLE CITY OF KA Competitive and Lvable City of Karachi Local Government Department of Sindh	
ا۔ کوویڈ۔ ۹ا۔ سے متعلق سر گرمیون پر ٹوکول کے ساتھ ماحولیاتی اور حفاظتی منصوبے (ای ایس پی)	سپر وژن کنسلٹنٹ کا کر دار
کے نفاذ کویفینی بنا یا جائے۔	
۲۔ اس بات کو یقینی بنایا جائے کہ ٹھیکید ار کنڑیکٹ کے مطابق ور کرز کو ضر ورمی حفاظتی ساماں مہیا	
کرے۔	
عملددآ حد کے بعد	
اگر کسی ملز میں میں کوویڈ۔19۔ کی علامات پائی جاتی ہے تو فور ٔ امتعلقہ محکمہ صحت کو اطلاع دی جائے۔	اسکریننگ کے بعد
ا۔استعال شدہ حفاظتی ساماں اور دیگر فضلہ ہاسٹل ویسٹ مینجینٹ رولز ۲۰۱۴ کے مطابق تلف کیا	صفاقی اور کوڑا کر کٹ کو تلف کرنا
جائے۔	
۲۔صفائی ستحرائی کے سازوساماں اور جرا ژیم کش ادویات فراہمی کویقینی بنایاجائے۔	
سر۔ وہ عملہ جو کووڈ۔ 9ا۔ سے متاثرہ جگہ یاالیں جگہ جہاں بیاری کے چھپلنے کاخد شد ہوانہیں مناسب	
ساز وسامان مہیا کیا جائے۔اگر کسی وجہ سے مناسب حفاظتی سامان دستیاب نہ ہو سکے تواس کا بہتریں	
متبادل مہیا کیا جائے۔	

#### 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** 

#### Neplicable nerifage

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.
- **Exhumate.** 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** <u>Address</u>: C-82, Block 2 Clifton, Karachi Tel: <u>Phone</u>: 021-99212126

#### Annex J: Anti-Encroachment Drive (AED) Certificate



Ph. #99202822 Email: adel.south@gmail.com

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

No.South/PA.Br/ 2/2021 Dated: 21<sup>st</sup> April, 2021

To,

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

#### <u>SUBJECT:</u> <u>ANTI-ENCROACHMENT VERIFICATION CERTIFICATE OF</u> <u>IDENTIFIED SCHEMES OF KARACHI METROPOLITAN</u> <u>CORPORATION.</u>

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 27<sup>th</sup> October-2018 are as under:

S.N	DESCRIPTION	ANTI-ENCROACMENT OPERATION
	CD, Jusieten Court at Agha Khan Park	NIL
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	
	Rehabilitation of Fish Aduardin de order Replacement of Expansion joints at various flyover/ bridges / under passes and gratings at drains	

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

## DEPUTY COMMISSIONER SOUTH KARACHI

Copy to:

PS to Deputy Commissioner, District South Karachi.

21/112

ADDITIONAL DEPUTY COMMISSIONER-I SOUTH KARACHI



#### 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: <u>Anti-Encroachment Verification Certificate of Identified</u> 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 Barachi 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

1<sup>st</sup> 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: 19/03/2021

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 COMPETITVE & 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 27<sup>o</sup> 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 Admunistrator KMC.
- 3. P.S to Metropolitan Commissioner K.M.C.
- 4 Focal Person KMC, CLICK.
- 5. Office Copy