

# INSTALLATION OF PREFAB WASHROOMS IN ARCHAEOLOGICAL SITES

Environmental Management Plan (EMP)  
For Takht Bai, Mardan and Gor Gathri, Peshawar  
June 17, 2021

Project Management Unit (DoT)  
Khyber Pakhtunkhwa Integrated Tourism Development  
Project (KITE)



<b>Table of Contents</b>		
<b>S. No</b>	<b>Description</b>	<b>Page No.</b>
1.	Project Description	3
2.	Sub-Project Description	3
3.	Legal & Regulatory Framework	3
4.	Implementation Arrangements	6
5.	Environmental Screening Assessment & Management	6
6.	Monitoring & Reporting	7
7.	Mitigation and Monitoring Budget	11
<b>Annexures</b>		
1.	Environmental and Social Screening Checklist Takht Bai	12
2.	Environmental and Social Screening Checklist Gor Gathri	25
3.	COVID-19 SOPs for Contractors during Construction	38
4.	Environmental Management and Monitoring Checklist	46
5.	Drawings	50
<b>Tables</b>		
1.	Environmental Management and Monitoring Plan	07
2.	EMP Implementation Cost	11



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

### **REVISION RECORD**

<b>Revision</b>	<b>Description</b>	<b>Date submitted</b>	<b>WB Review</b>
Draft 1	Environmental Management Plan, Takht Bai, Mardan	27 April 2021	May 4, 2021
Draft 2	Environmental Management Plan, Takht Bai, Mardan & Gor Gathri Peshawar	7 May, 2021	May 10, 2021
Draft 3/Final	Environmental Management Plan, Takht Bai, Mardan & Gor Gathri Peshawar	18 May, 2021	17 June, 2021



### 1. Project Description:

The Government of Khyber Pakhtunkhwa (GoKP) is undertaking several initiatives to develop the tourism sector and employ it as a key driver of economic growth and job creation in the province. To create an enabling environment for the private sector to participate and develop the tourism value chain, the GoKP has entered into a partnership with the World Bank (WB) through an International Development Association (IDA) credit for the Khyber Pakhtunkhwa Integrated Tourism Development (KITE) Project. KITE is a \$70 million IDA credit which aims to create tourism-enabling infrastructure, enhance tourism assets and strengthen destination management for sustainable tourism development in Khyber Pakhtunkhwa.

### 2. Sub-project Description:

Every year, number of domestic and foreign tourist visit Khyber Pakhtunkhwa to enjoy its scenic beauty. These include families, children, colleges/universities' groups and disabled persons. The demand for tourist facilities is increasing day by day and lack of clean public toilet facility is a major problem visitors have to face problems due to unavailability of such services. To address this issue the PMU KITE DoT has awarded contract for supply and installation of prefab toilets facilities in main tourist areas and heritage sites of the province. After installation, these prefab units will be handed over to respective development authorities/district administration/ directorate for further operations and management (O&M) through its own resources or through outsourcing.

### 3. Legal and Regulatory Framework

a. KP Environmental Protection Act (Revised 2014): Relevant provisions are as follows:

**Section 11 (Prohibition of Certain Discharges or Emissions)** states that "Subject to the provisions of this Act and the rules and regulations made thereunder, no person shall discharge or emit, or allow the discharge or emission of, any effluent or waste or air pollutant or noise in an amount, concentration or level which is in excess of the Environmental Quality Standards".

**Section 13-I (Initial Environmental Examination and Environmental Impact Assessment)** requires that "No proponent of a project shall commence construction or operation unless he has filed with the Federal Agency an IEE or, where the project is likely to cause an



adverse environmental effect, an EIA, and has obtained from the Federal Agency approval in respect thereof.” This IEE will be submitted by WAPDA for EPA approval.

**Section 13-2b (Review of IEE and EIA):** The Environmental Protection Agency shall review the EIA report and accord its approval subject to such conditions as it may deem fit to impose, or require that the EIA be re-submitted after such modifications as may be stipulated or rejected, the project as being contrary to environmental objectives.

**Section 15 (Handling of Hazardous Substances)** requires that “Subject to the provisions of this Act, no person shall generate, collect, consign, transport, treat, dispose of, store, handle, or import any hazardous substance except (a) under a license issued by the EPA and in such manner as may be prescribed; or (b) in accordance with the provisions of any other law for the time being in force, or of any international treaty, convention, protocol, code, standard, agreement, or other Instrument to which Pakistan is a party.” Enforcement of this clause requires the EPA to issue regulations regarding licensing procedures and to define ‘hazardous substance.’ ESMF of KP Hydropower and Renewable Energy Development Program 19

**Section 16 (Regulation of Motor Vehicles):** Subject to provision of this clause of the Act and the rules and regulations made thereunder, no person shall operate a motor vehicle from which air pollutants or noise are being emitted in an amount, concentration or level which is in excess of the EQS, or where the applicable standards established under clause (g) of subsection (1) of Section-6 of the Act.

**Section 18 (Penalties):** Whoever contravenes or fails to comply with the provisions of section 11, 12, 13, or section 16 or any order issued thereunder shall be punishable with fine which may extend to one million rupees, and in the case of a continuing contravention or failure, with an additional fine which may extend to one hundred thousand rupees for every day during which such contravention or failure continues: Provided that if contravention of the provisions of section 11 also constitutes contravention of the provisions of section 15, such contravention shall be punishable under sub-section (2) only.

**Section 19 (Offences by Bodies Corporate):** Where any contravention of this Act has been committed by a body corporate, and it is proved that such offense has been committed



with the consent or connivance or, is attributed to any negligence on the part of, any director, partner, manager, secretary or other officers of the body corporate, such director, partner, manager, secretary or other officers of the body corporate, shall be deemed guilty of such contravention along with the body corporate and shall be punished accordingly.

b. Pakistan Environmental Protection Agency Review of IEE & EIA Regulations, 2000

The proposed sub activity does not fall under any of schedules of IEE & EIA Regulations 2000 therefore only EMP is required.

c. E&S Operational Policies of World Bank (OP 4.01)

**d. Implementation Arrangements:**

e. Project Director (PD) PMU KITE DoT will be overall responsible for the EMP implementation. The Liaison & Coordination Officer PMU DoT will be designated as the KITE EMP Coordinator, who will ensure that the present EMP is effectively implemented. The EMP Coordinator will ensure that the Environmental Screening Checklist (Annexure 1) is provided to each of the construction contractors and the Supervision Consultants. S/he will hold meetings with the contractors, if needed, to facilitate implementation of the mitigation measures provided in the Checklist.

The Environmental Screening Checklists (**Annexure-I**) has been filled for each construction site at the outset by the PMU Environment and Social Specialist. The original filled Checklist will be kept at the respective site; copies of the filled Screening Checklists will be provided to the Supervision consultant and contractor.

The Supervision Consultant will also ensure that the environmental monitoring is carried out regularly during the entire construction phase. The filled Environmental Monitoring Checklist after each monitoring visit will be sent to the PMU E&S Specialist, who will review and maintain complete record of these Checklists. S/he will also prepare a quarterly report on the basis of the filled checklists, summarizing the salient information and outcome of the environmental monitoring of each construction site. These quarterly reports will be provided to the KITE Project Director, and will also be shared with the World Bank.



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

Post-construction, the Directorate of Archaeology Khyber Pakhtunkhwa will be responsible for the regular O&M for the toilets at both archaeological sites. E&S Expert PMU KITE will do regular monitoring visits in this regard.

#### **4. Environmental Screening Assessment & Management:**

The team conducted screening and assessment. The team also prepared environmental and social management and monitoring plan. According to the assessment the proposed sub project activity comes under Category C.



**5. Monitoring & Reporting:**

**Table 1: Environmental Management and Monitoring Plan**

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

Environmental Impacts	Proposed Mitigation Measures	Responsibility	Monitoring Parameter(s)	Frequency	Responsibility
<b>1. Air Quality</b>					
Dust emissions may be generated during construction activity.	All vehicles 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.	Contractor, Site Supervisor	Visual inspection	During Construction activities	Contractor (Environmental and Social Focal Point), and report monthly to PMU DoT.
<b>2. Water and Soil Contamination</b>					
<ul style="list-style-type: none"> <li>Construction activities can have raw materials or construction materials.</li> <li>potential soil or water contamination (e.g., from oil, grease and fuel from equipment yards)</li> <li>use of chemicals or solvents</li> </ul>	<ul style="list-style-type: none"> <li>contractor to use asbestos free cement.</li> <li>Debagging will be done in closed compound.</li> <li>The sub project includes construction of septic tank and soak pits for wastewater hence all waste will go in these tanks for primary treatment.</li> </ul>	Contractor, Site Supervisor	Visual inspection	During Construction activities	Contractor (Environmental and Social Focal Point), and report monthly to PMU DoT.



<ul style="list-style-type: none"> <li>• creation of stagnant water bodies in borrow pits, quarries, etc., encouraging for mosquito breeding and other disease vectors</li> </ul>	<ul style="list-style-type: none"> <li>• advised to use lead free paint.</li> <li>• The contractor will also to make sure that proper PPE be provided to each worker on site and store the chemicals in enclosed stockroom (if required).</li> <li>• Regular cleaning of site by contractor, refilling of borrow pits after completion of work will be ensured.</li> </ul>				
<b>3. Solid Waste Disposal</b>					
<p>Construction activities can generate solid waste on site.</p>	<p>Disposal to municipal solid waste bin. Proper disposal of solid waste in designated site to sustain the water and land quality for domestic requirements. Use of PPEs (protective gloves, face masks, protective boots) by the workers involved in handling and management of all kinds of waste.</p>	<p>Contractor, Site Supervisor</p>	<p>Visual inspection PPE Inventory</p>	<p>During Construction activities/ and post construction activities</p>	<p>Contractor (Environmental and Social Focal Point), and report monthly to PMU DoT.</p>
<b>4. Excavation of Earth</b>					
<p>Excavation of earth for foundation</p>	<p>Contractor should obtain approval for excavation and will do compaction of site in order to protect erosion during rains.</p>	<p>Contractor / Site Supervisor</p>	<p>Visual inspection</p>	<p>During Construction activities/ and post</p>	<p>Contractor (Environmental and Social Focal Point), and</p>



				construction activities	report monthly to PMU DoT.
<b>5. Workers Safety</b>					
Drilling activities, and operation of machinery on site can pose OH&S risks to the operator.	skilled staff shall be hired  PPE shall be procured, and its usage ensured	Contractor, Site Supervisor	Visual inspection  Pictorial evidence as per field monitoring checklist	During Construction activities/ and post construction activities	Contractor (Environmental and Social Focal Point), and report monthly to PMU DoT.
subproject located in an area of seismic faults	<ul style="list-style-type: none"> <li>Incorporating earthquake resistant features like frame structure, prefab material.</li> <li>Earth quack engineering designing and training for contractor before starting work activities.</li> </ul> Getting communities involved in the process of disaster mitigation through education and awareness.	Contractor, Site Supervisor	Visual inspection Pictorial evidence as per field monitoring checklist	During Construction activities/ and post construction activities	Contractor (Environmental and Social Focal Point), and report monthly to PMU DoT.
<b>6. Cultural</b>					
Sub-project may have an impact on archaeological or historical sites	It will have a beneficial/ positive impact as these toilet facilities will enhance tourism facilitation and will encourage more tourists to visit, and it will make	DoA	Site Visit	After handing over to DoA	DoA



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

	<p>their visit more comfortable. Since the toilets will be in the parking area of the archaeological complex, they will not have an adverse impact on the heritage site itself.</p>				
--	---	--	--	--	--



<b>7. Grievance Redress Mechanism</b>					
Public grievances related to environment and social aspects as unavailability of drinking water, loss of public property, loss of agricultural land or of livelihood	<ul style="list-style-type: none"> <li>• Maintain a complaint register on site.</li> <li>• Identify and appropriately respond to impacts on directly affected persons to ensure legal compliance and meet moral / ethical obligations</li> <li>• Synchronization of department website GRM web portal.</li> </ul>	Contractor, Site Supervisor	Site Visit Public Consultation	During Construction activities/ and post construction activities	Third party monitoring/ PMU DoT.
<b>6. Operations and Management of Toilets</b>					
Can cause nuisance and bad odor Cleaning of Septic tank (when reached full capacity)	<ul style="list-style-type: none"> <li>• O&amp;M activity will be responsibility of DoA.</li> <li>• Waste water from toilets will be treated in septic tank.</li> <li>• Septic tank is away from drinking water facility.</li> <li>• DoA staff to clean the toilets on regular basis.</li> </ul>	DoA, E&S Expert PMU KITE	Site Visit	After handing over to DoA on quarterly basis	DoA to submit quarterly report to PMU KITE DoT



## 7. Mitigation and Monitoring Budget:

The cost for the implementation of construction stage activities given in this plan will be included within the civil works contract for this sub-project with total cost of Rs. **190,050/-**

**Table 2: EMP Implementation Cost**

Name of item	Quantity	Unit	Unit Rate	Total Amount (PKR)
N-95 Masks	100		150	15000
Safety Shoes (pairs)	20		2000	40000
Gloves (pairs)	50		1500	75000
First Aid Box (per site)	2		5000	10000
Ear Plugs (pairs)	50		25	1250
Safety Helmets	20		1200	24000
Safety Jackets	20		800	16000
Sanitizer	10		500	5000
Thermo-gun	1		600	600
<b>SUB TOTAL (1)</b>				<b>186850</b>
<b>Others</b>				
Provision of Dust Bins	1	Each	100	100
Reflective Tape	1	Each	200	200
Safety cones	1	Each	700	700
Safety boards	1	Each	1500	1500
Water sprinkling	5 times/day	L/S	700	700
<b>SUB TOTAL (2)</b>				<b>3200</b>
<b>GRAND TOTAL (1+2)</b>				<b>190,050.00</b>



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

### Annex-01

### Environmental and Social Screening Checklist for Takht Bai

<b>Name of Sub- project</b>	Construction & Installation of Pre-Fabricated Toilets Archeological site Takhtbhai District Mardan
<b>Nature of Subproject</b>	Tourism Development & facilitation
<b>Subproject Location</b>	Archeological site Takhtbhai District Mardan
<b>Coordinates</b>	34°17'20.00"N; 71° 56'46.00" E
<b>Proposed Activities</b>	PMU KITE DoT intends to install 4 units prefab washrooms at the parking of Archaeological Site Takht Bai. The 4 units will include 2 units for male, 1 unit for female and 1 unit for PWD. These units will be installed as per drawings and 3Ds attached in this document. The installation activities will include minor civil works i.e., construction of soak pits, septic tank, levelling of site, installation of washrooms and necessary sanitary works.
<b>Subproject Objective</b>	Tourism facilitation
<b>Proposing Agency/ Department</b>	KITE project DoT
<b>Estimated Cost:</b>	Rs.1,670,000/-
<b>Current Information for Environmental &amp; Social Screening</b>	KITE ESMF, Tourism website, site visit, consultation with locals & Archeology Department.
<b>Consultation with communities</b>	A consultation meeting was conducted with locals, rep of TMA and DoA. The following attended: <ul style="list-style-type: none"><li>• Miyan Abdul Wahab, Incharge Takht Bai</li><li>• Jahengir, Museums Incharge Mardan</li><li>• Abdul Maaz, Engineer Takht Bai</li><li>• Zaheer kah, Rep of TMA Takht Bai</li><li>• Haider Gul, visitor</li></ul>



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

- Asif Ahmad, visitor
- Sabaz Ali, local resident
- Sameen Khan, local resident

The following observations to be considered during implementation:

- i. The prefab washrooms shall be separate for male and female.
- ii. These toilets shall also be accessible for people visiting the site.
- iii. Proper cleanliness shall also be ensured during and post implementation.
- iv. Caretaker Takht Bai site to monitor the cleanliness of the toilets.
- v. The people demanded for hiring of unskilled labors from local populace.

The screening team ensured the above compliances.



**Environmental and Social Screening**

S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks/Mitigation Measures (if required)
<b>A</b>	<b>Zoning and Land Use Planning</b>					
1.	Will the subproject affect land use zoning and planning or conflict with prevalent land use patterns?	X	–	–	–	Since this is govt. property therefore this activity will not affect any land use pattern.
2.	Will the subproject involve significant land disturbance or site clearance?	X	–	–	–	No site clearance will be involved
3.	Will the subproject land be subject to potential encroachment by urban or industrial use or located in an area intended for urban or industrial development?	X	–	–	–	
<b>B</b>	<b>Utilities and Facilities</b>					
1.	Will the subproject require the setting up of ancillary facilities?	X	–	–	–	Since it is small activity therefore it will not create any significant impact on utilities and services.
2.	Will the subproject make significant demands on utilities and services?	X	–	–	–	
3.	Will the subproject require significant levels of accommodation or service amenities to support the workforce during construction	X	–	–	–	
<b>C</b>	<b>Water and Soil Contamination</b>					
1.	Will the subproject require large amounts of raw materials or construction materials?	–	X		–	This will be minor/small amount. As mitigation measure contractor will be advised to use asbestos free cement.



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks/Mitigation Measures (if required)
						Debagging will be done in closed compound.
2.	Will the subproject generate large amounts of residual wastes, construction material waste or cause soil erosion?	X	–	–	–	
3.	Will the subproject result in potential soil or water contamination (e.g., from oil, grease and fuel from equipment yards)?	–	X		–	Small quantity The sub project includes construction of septic tank and soak pits for wastewater hence all waste will go in these tanks for primary treatment
4.	Will the subproject lead to an increase in suspended sediments in streams affected by road cut erosion, decline in water quality and increased sedimentation downstream?	X	–		–	
5.	Will the subproject involve the use of chemicals or solvents?	–	X		–	Paint, drilling, polish etc. As a mitigation measure contractor will be advised to use lead free paint. The contractor will also to make sure that proper PPE be provided to each worker on site and store the chemicals in enclosed stockroom (if required).
6.	Will the subproject lead to the destruction of vegetation and soil in the right-of-way, borrow pits, waste dumps, and equipment yards?	X	–	–	–	



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks/Mitigation Measures (if required)
7.	Will the subproject lead to the creation of stagnant water bodies in borrow pits, quarries, etc., encouraging for mosquito breeding and other disease vectors?	–	X	–	–	Yes up to a small amount. Regular cleaning of site by contractor, refilling of borrow pits after completion of work will be ensured.
<b>D</b>	<b>Noise and Air Pollution Hazardous Substances</b>					
1.	Will the subproject increase the levels of harmful air emissions?	X	–		–	
2.	Will the subproject increase ambient noise levels?	X	–		–	
3.	Will the subproject involve the storage, handling or transport of hazardous substances?	X	–	–	–	
<b>E</b>	<b>Fauna and Flora</b>					
1.	Will the subproject involve the disturbance or modification of existing drainage channels (rivers, canals) or surface water bodies (wetlands, marshes)?	X	–	–	–	
2.	Will the subproject lead to the destruction or damage of terrestrial or aquatic ecosystems or endangered species directly or by induced development?	X	–	–	–	
3.	Will the subproject lead to the disruption/destruction of wildlife through interruption of migratory routes?	X	–	–	–	



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks/Mitigation Measures (if required)
4.	Disturbance of wildlife habitats, and noise-related problems?	X	–	–	–	
<b>F</b>	<b>Destruction/Disruption of Land and Vegetation</b>					
1.	Will the subproject lead to unplanned use of the infrastructure being developed?	X	–	–	–	
2.	Will the subproject lead to long-term or semi-permanent destruction of soils in cleared areas not suited for agriculture?	X	–	–	–	
3.	Will the subproject lead to the interruption of subsoil and overland drainage patterns (in areas of cuts and fills)?	X	–	–	–	
4.	Will the subproject lead to landslides, slumps, slips and other mass movements in road cuts?	X	–	–	–	
5.	Will the subproject lead to erosion of lands receiving concentrated outflow carried by covered or open drains?	X	–	–	–	
6.	Will the subproject lead to health hazards and interference of plant growth adjacent to roads by dust raised and blown by vehicles?	X	–	–	–	
<b>G</b>	<b>Cultural Property</b>					
1.	Will the subproject have an impact on archaeological or historical sites, including historic urban areas?	–	–	X	–	It will have a beneficial/ positive impact as these toilet facilities will enhance tourism facilitation and will



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks/Mitigation Measures (if required)
						encourage more tourists to visit, and it will make their visit more comfortable. Since the toilets will be in the parking area of the archaeological complex, they will not have an adverse impact on the heritage site itself.
2.	Will the subproject have an impact on religious monuments, structures and/or cemeteries?	X	–	–	–	
<b>H</b>	<b>Expropriation and Social Disturbance</b>					
1.	Will the subproject involve land expropriation or demolition of existing structures?	X	–	–	–	
2.	Will the subproject lead to induced settlements by workers and others causing social and economic disruption?	X	–	–	–	
3.	Will the subproject lead to environmental and social disturbance by construction camps?	X	–	–	–	
4.	Will the sub- project require of tree cutting, if yes how many, location, pictures	X	–	–	–	



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

### Environmental and Social Screening (Site Related Issues)

S. No	Issues	Yes	No	Don't Know	Remarks/ Mitigation Measures
1.	Does the subproject require land acquisition? [Note: Fill in the land acquisition form if YES]	–	X	–	
2.	Does the subproject negatively impact livelihoods [Note: Describe separately if YES]	–	X	–	
3.	Is the sub project located on land with contested ownership?	–	X	–	
4.	Is the sub project located in an area with security problems	–	X	–	
5.	Is the sub projected located on land reclaimed from floods (the ownership here may be contested)	–	X	–	
6.	Is the subproject located in an area with designated natural reserves?	–	X	–	
7.	Is the subproject located in an area with unique natural features?	–	X	–	
8.	Is the subproject located in an area with endangered or conservation-worthy ecosystems, fauna or flora?	–	X	–	
9.	Is the subproject located in an area which would create a barrier for the movement of conservation-worthy wildlife or livestock?	–	X	–	



S. No	Issues	Yes	No	Don't Know	Remarks/ Mitigation Measures
10.	Is the subproject located close to groundwater sources, surface water bodies, water courses or wetlands?	–	X	–	
11.	Is the subproject located in an area with designated cultural properties such as archaeological, historical and/or religious sites?	X	–	–	Takhtbai is archeological site however pre-fabricated toilets will be installed in space near parking facilities where there is no threat to archeological ruins.
12.	Is the subproject in an area with religious monuments, structures and/or cemeteries?	X	–	–	Takhtbai is archeological site however pre-fabricated toilets will be installed in space near parking facilities where there is no threat to archeological ruins.
13.	Is the project located in an area from where people have been displaced?	–	X	–	
14.	Is the project located in an area where IDPs are temporarily settled?	–	X	–	
15.	Is the project in a politically sensitive area?	–	X	–	
16.	Is the subproject in a polluted or contaminated area?	–	X	–	
17.	Is the subproject located in an area of high visual and landscape quality?	X	–	–	
18.	Is the subproject located in an area susceptible to landslides or erosion?	-	X	–	
19.	Is the subproject located in an area of seismic faults?	X	–	–	Zone 3 seismic faults. Following mitigation measures were included in architectural designs



S. No	Issues	Yes	No	Don't Know	Remarks/ Mitigation Measures
					and some will also be ensured during site monitoring: <ul style="list-style-type: none"> <li>• Incorporating earthquake resistant features like frame structure, prefab material.</li> <li>• Earthquake engineering designing and training for contractor before starting work activities.</li> <li>• Getting communities involved in the process of disaster mitigation through education and awareness.</li> </ul>
20.	Is the subproject located in a densely populated area?	–	X	–	
21.	Is the subproject located on prime agricultural land?	–	X	–	
22.	Is the subproject located in an area of tourist importance?	X	–	–	
23.	Is the subproject located near a waste dump?	–	X	–	
24.	Does the subproject have access to potable water?	X	–		Government water supply line is available on location
25.	Is the subproject located in an area with a wastewater network?	–	X	–	O&M activity will be responsibility of DoA. Waste water from toilets will be treated in septic tank. Septic tank is away from drinking water facility. DoA staff to clean the toilets on regular basis.
26.	Is the subproject located in the urban plan of the city?	–	X	–	



**Environmental and Social Screening (Involuntary Resettlement Screening)**

Potential Impacts	Yes	No	Expected	Remarks
Does the sub-project involve any physical construction, work, i.e. rehabilitation, reconstruction or new construction? Specify in "remarks" column.	X	-	-	Small scale activities e.g., septic tank, soakage pit, leveling and dressing is involved.
Does the sub-project involve impacts on land, assets and people, if "Yes" try to quantify the impacts and check following items. If "No" impacts, explain the situation in "remarks" and move to section 2.	-	X	-	
<b>Potential impacts</b>				
<b>Land</b> (quantify and describe types of land in "remarks column".				This activity will be carried out on DoA land.
Government or state-owned land free of occupation (Agriculture or settlement)	X			This activity will be carried out on DoA land.
Private land				
➤ Residential	-	X	-	
➤ Commercial	-	X	-	
➤ Agriculture	-	X	-	
➤ Communal	-	X	-	
➤ Others (specify in "remarks").	-	X	-	
<b>Land-based assets:</b>	-	X	-	
➤ Residential structures	-	X	-	
➤ Commercial structures (specify in "remarks")	-	X	-	
➤ Community structures (specify in "remarks")	-	X	-	
➤ Agriculture structures (specify in "remarks")	-	X	-	
➤ Public utilities (specify in "remarks")	-	X	-	
➤ Others (specify in "remarks")	-	X	-	
<b>Agriculture related impacts</b>	-	X	-	



Potential Impacts	Yes	No	Expected	Remarks
➤ Crops and vegetables (specify types and cropping area in "remarks")	-	X	-	
➤ Trees (specify number and types in "remarks")	-	X	-	
➤ Others (specify in "remarks")	-	X	-	
<b>Affected Persons (DPs)</b>	-	X	-	
➤ Number of DPs	-	X	-	
➤ Males	-	X	-	
➤ Females	-	X	-	
➤ Titled land owners	-	X	-	
➤ Tenants and sharecroppers	-	X	-	
➤ Leaseholders	-	X	-	
➤ Agriculture wage laborers	-	X	-	
➤ Encroachers and squatters (specify in remarks column).	-	X	-	
➤ Vulnerable DPs (e.g., women headed households, minors and aged, orphans, disabled persons and those below the poverty line). Specify the number and vulnerability in "remarks".	-	X	-	
➤ Others (specify in "remarks")	-	X	-	
<b>Section 2</b>	-	X	-	
➤ Are there any indigenous or other minority groups affected by land acquisition or project activities? If "Yes" check the following items	-	X	-	
➤ Indigenous groups (specify groups in "remarks"). Describe nature of impacts	-	X	-	
➤ Minority groups (specify in "remarks"). Describe nature of impacts	-	X	-	



**Summarized E&S Screening Table**

Type Activities	Physical					Biological	Social and Socioeconomic												
	Soil Erosion/ Contamination	Air Quality	Surface Water Quality	Groundwater	Water Availability and Consumption	Natural Vegetation	Wildlife	Blocked Access	Noise and Vibration	Impacts on	Impacts on	Livestock Grazing	Compensation	Safety Hazard	Infrastructure	Public Health	Aesthetic Value	Cultural Issues	Gender Issues
Construction activities	B	B	B	C	B	C	C	B	B	B	B	B	B	B	B	B	C	C	C

**KEY:** A for high risk, B for medium risk, and C for Minor/ negligible risk.



<b>Overall Assessment</b>	
<ul style="list-style-type: none"><li>o Sub-project is declined</li></ul>	—
<ul style="list-style-type: none"><li>o Sub-project is accepted</li></ul>	Yes
<ul style="list-style-type: none"><li>o Sub-project is classified as environmental Category A and requires an in- depth Environmental and Social Impact Assessment and an Environmental Management Plan.</li></ul>	—
<ul style="list-style-type: none"><li>o Sub-project is classified as environmental Category B and requires an</li><li>o Environmental Management Plan.</li></ul>	—
<ul style="list-style-type: none"><li>o Sub-project is classified as environmental Category C and does not require an Environmental Management Plan.</li></ul>	The sub-project impacts are localized and reversible in nature and can be managed through mitigation and management plan (checklist followed by supervision and monitoring checklist). This will be implemented by project engineer, contractor, and PMU Environmental and Social Safeguard team.



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

**Annex-02**

**Environmental and Social Screening Checklist Gor Gathri District Peshawar**

<b>Name of Sub- project</b>	Construction & Installation of Pre-Fabricated Toilets at Gor Gathri District Peshawar
<b>Nature of Subproject</b>	Tourism Development & facilitation
<b>Subproject Location</b>	Gor Gathri, District Peshawar
<b>Coordinates</b>	34°00'.33"N; 71° 34' 53" E
<b>Proposed Activities</b>	PMU KITE DoT intends to install 3 units prefab washrooms at the archaeological site Gor Gathri. The 3 units will include a single unit for male, female and PWD. These units will be installed as per drawings and 3Ds attached in this document. The installation activities will include minor civil works i.e., construction of soak pits, septic tank, levelling of site, installation of washrooms and necessary sanitary works.
<b>Subproject Objective</b>	Tourism facilitation
<b>Proposing Agency/ Department</b>	KITE project DoT
<b>Estimated Cost for 2 Units</b>	Rs. 14,00,000/-
<b>Current Information for Environmental &amp; Social Screening</b>	KITE ESMF, Tourism website, site visit, consultation with DoA staff.



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

<b>Consultation Details</b>	<p>A consultation meeting was conducted with site staff of DoA, reps of TMA. and they raised the following observations to be considered during implementation:</p> <ul style="list-style-type: none"><li>i. The prefab washrooms shall be separate for male, female and PWD.</li><li>ii. These toilets shall also be accessible for people visiting the site.</li><li>iii. In-Charge Gor Gathri to monitor the cleanliness of the toilets.</li></ul> <p>The screening team ensured the above compliances.</p>
-----------------------------	--



**Environmental and Social Screening**

S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks
<b>A</b>	<b>Zoning and Land Use Planning</b>					
4.	Will the subproject affect land use zoning and planning or conflict with prevalent land use patterns?	X	–	–	–	Since this is DoA owned site therefore the activity will not affect any land use pattern.
5.	Will the subproject involve significant land disturbance or site clearance?	X	–	–	–	No site clearance is involved.
6.	Will the subproject land be subject to potential encroachment by urban or industrial use or located in an area intended for urban or industrial development?	X	–	–	–	
<b>B</b>	<b>Utilities and Facilities</b>					
4.	Will the subproject require the setting up of ancillary facilities?	X	–	–	–	Since it is small activity therefore it will not create a significant impact on utilities and services.
5.	Will the subproject make significant demands on utilities and services?	X	–	–	–	All facilities available at site therefore no additional demand is required.
6.	Will the subproject require significant levels of accommodation or service amenities to support the workforce during construction	X	–	–	–	
<b>C</b>	<b>Water and Soil Contamination</b>					
8.	Will the subproject require large amounts of raw materials or construction materials?	–	X	–	–	Yes. Small amount of construction materials, sands, Iron, Fencing, gravel, Solar Panel, Batteries, Fiber glass, crush,



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks
						cements steel, wood, glass as per requirements. As mitigation measure contractor will be advised to use asbestos free cement. Debagging will be done in closed compound.
9.	Will the subproject generate large amounts of residual wastes, construction material waste or cause soil erosion?	X	-	-	-	
10.	Will the subproject result in potential soil or water contamination (e.g., from oil, grease and fuel from equipment yards)?	X	-	-	-	Small quantity The sub project includes construction of septic tank and soak pits for wastewater hence all waste will go in these tanks for primary treatment
11.	Will the subproject lead to an increase in suspended sediments in streams affected by road cut erosion, decline in water quality and increased sedimentation downstream?	X	-	-	-	
12.	Will the subproject involve the use of chemicals or solvents?	-	X	-	-	Paint, drilling, polish etc. As a mitigation measure contractor will be advised to use lead free paint. The contractor will also to make sure that proper PPE be provided to each worker on site and store the chemicals in enclosed stockroom (if required).



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks
13.	Will the subproject lead to the destruction of vegetation and soil in the right-of-way, borrow pits, waste dumps, and equipment yards?	X	–	–	–	
14.	Will the subproject lead to the creation of stagnant water bodies in borrow pits, quarries, etc., encouraging for mosquito breeding and other disease vectors?	–	X	–	–	Yes, up to a small amount. Regular cleaning of site by contractor, refilling of borrow pits after completion of work will be ensured.
<b>D</b>	<b>Noise and Air Pollution Hazardous Substances</b>					
4.	Will the subproject increase the levels of harmful air emissions?	X	–	–	–	
5.	Will the subproject increase ambient noise levels?	X	–	–	–	
6.	Will the subproject involve the storage, handling or transport of hazardous substances?	X	–	–	–	
<b>E</b>	<b>Fauna and Flora</b>					
5.	Will the subproject involve the disturbance or modification of existing drainage channels (rivers, canals) or surface water bodies (wetlands, marshes)?	X	–	–	–	
6.	Will the subproject lead to the destruction or damage of terrestrial or aquatic ecosystems or endangered species directly or by induced development?	X	–	–	–	



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks
7.	Will the subproject lead to the disruption/destruction of wildlife through interruption of migratory routes,	X	–	–	–	
8.	Disturbance of wildlife habitats, and noise-related problems?	X	–	–	–	
<b>F</b>	<b>Destruction/Disruption of Land and Vegetation</b>					
7.	Will the subproject lead to unplanned use of the infrastructure being developed?	X	–	–	–	
8.	Will the subproject lead to long-term or semi-permanent destruction of soils in cleared areas not suited for agriculture?	X	–	–	–	
9.	Will the subproject lead to the interruption of subsoil and overland drainage patterns (in areas of cuts and fills)?	X	–	–	–	
10.	Will the subproject lead to landslides, slumps, slips and other mass movements in road cuts?	X	–	–	–	
11.	Will the subproject lead to erosion of lands receiving concentrated outflow carried by covered or open drains?	X	–	–	–	
12.	Will the subproject lead to health hazards and interference of plant growth adjacent to roads by dust raised and blown by vehicles?	X	–	–	–	
<b>G</b>	<b>Cultural Property</b>					



S. No	Issues	None	Minor/ Small	Moderate/ Medium	Significant / Large	Remarks
3.	Will the subproject have an impact on archaeological or historical sites, including historic urban areas?	–	–	X	–	It will have a beneficial/ positive impact as these toilet facilities will enhance tourism facilitation and will encourage more tourists to visit, and it will make their visit more comfortable.
4.	Will the subproject have an impact on religious monuments, structures and/or cemeteries?	X	–	–	–	
<b>H</b>	<b>Expropriation and Social Disturbance</b>					
5.	Will the subproject involve land expropriation or demolition of existing structures?	X	–	–	–	
6.	Will the subproject lead to induced settlements by workers and others causing social and economic disruption?	X	–	–	–	
7.	Will the subproject lead to environmental and social disturbance by construction camps?	X	–	–	–	
8.	Will the sub- project require of tree cutting, if yes how many, location, pictures	X	–	–	–	



**Environmental and Social Screening (Site Related Issues)**

S. No	Issues	Yes	No	Don't Know	Remarks/ Mitigation Measures
27.	Does the subproject require land acquisition? [Note: Fill in the land acquisition form if YES]	-	X	-	
28.	Does the subproject negatively impact livelihoods [Note: Describe separately if YES]	-	X	-	
29.	Is the sub project located on land with contested ownership?	-	X	-	
30.	Is the sub project located in an area with security problems	-	X	-	
31.	Is the sub projected located on land reclaimed from floods (the ownership here may be contested)	-	X	-	
32.	Is the subproject located in an area with designated natural reserves?	-	X	-	--
33.	Is the subproject located in an area with unique natural features?		X	-	
34.	Is the subproject located in an area with endangered or conservation-worthy ecosystems, fauna or flora?	-	X	-	
35.	Is the subproject located in an area which would create a barrier for the	-	X	-	



S. No	Issues	Yes	No	Don't Know	Remarks/ Mitigation Measures
	movement of conservation-worthy wildlife or livestock?				
36.	Is the subproject located close to groundwater sources, surface water bodies, water courses or wetlands?	X	–	–	
37.	Is the subproject located in an area with designated cultural properties such as archaeological, historical and/or religious sites?	X	–	–	Gor Gathri is an archaeological site however toilets will be installed in space away from archaeological ruins on DoA land.
38.	Is the subproject in an area with religious monuments, structures and/or cemeteries?	X	–	–	Gor Gathri is an archaeological site however toilets will be installed in space away from archaeological ruins on DoA land.
39.	Is the project located in an area from where people have been displaced?	–	X	–	
40.	Is the project located in an area where IDPs are temporarily settled?	–	X	–	
41.	Is the project in a politically sensitive area?	–	X	–	
42.	Is the subproject in a polluted or contaminated area?	–	X	–	
43.	Is the subproject located in an area of high visual and landscape quality?	X	–	–	
44.	Is the subproject located in an area susceptible to landslides or erosion?	–	X	–	



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

S. No	Issues	Yes	No	Don't Know	Remarks/ Mitigation Measures
45.	Is the subproject located in an area of seismic faults?	–	X	–	
46.	Is the subproject located in a densely populated area?	–	X	–	
47.	Is the subproject located on prime agricultural land?	–	X	–	
48.	Is the subproject located in an area of tourist importance?	X	–	–	
49.	Is the subproject located near a waste dump?	–	X	–	
50.	Does the subproject have access to potable water?	X	–	–	Government water supply line is available on location
51.	Is the subproject located in an area with a wastewater network?	–	X	–	No however it is explained that waste water from toilets will be treated in septic tank. Septic tank is away from drinking water facility. DoA staff to clean the toilets on regular basis.
52.	Is the subproject located in the urban plan of the city?	–	X	–	



**Environmental and Social Screening (Involuntary Resettlement Screening)**

Potential Impacts	Yes	No	Expected	Remarks
Does the sub-project involve any physical construction work i.e., rehabilitation, reconstruction or new construction? Specify in "remarks" column.	X	-	-	Small scale activities e.g., septic tank, soakage pit, leveling and dressing is involved.
Does the sub-project involve impacts on land, assets and people, if "Yes" try to quantify the impacts and check following items? If "No" impacts, explain the situation in "remarks" and move to section 2.	-	X	-	
<b>Potential impacts</b>				
<b>Land</b> (quantify and describe types of land in "remarks" column".				This activity will be carried out on DoA land.
Government or state-owned land free of occupation (agriculture or settlement)	X	-	-	This activity will be carried out on DoA land.
Private land				
➤ Residential	-	X	-	
➤ Commercial	-	X	-	
➤ Agriculture	-	X	-	
➤ Communal	-	X	-	
➤ Others (specify in "remarks").	-	X	-	
<b>Land-based assets:</b>	-	X	-	
➤ Residential structures	-	X	-	
➤ Commercial structures (specify in "remarks")	-	X	-	
➤ Community structures (specify in "remarks")	-	X	-	
➤ Agriculture structures (specify in "remarks")	-	X	-	
➤ Public utilities (specify in "remarks")	-	X	-	
➤ Others (specify in "remarks")	-	X	-	



Potential Impacts	Yes	No	Expected	Remarks
<b>Agriculture related impacts</b>	-	X	-	
➤ Crops and vegetables (specify types and cropping area in "remarks")	-	X	-	
➤ Trees (specify number and types in "remarks")	-	X	-	
➤ Others (specify in "remarks")	-	X	-	
<b>Affected Persons (DPs)</b>	-	X	-	
➤ Number of DPs	-	X	-	
➤ Males	-	X	-	
➤ Females	-	X	-	
➤ Titled land owners	-	X	-	
➤ Tenants and sharecroppers	-	X	-	
➤ Leaseholders	-	X	-	
➤ Agriculture wage laborers	-	X	-	
➤ Encroachers and squatters (specify in remarks column).	-	X	-	
➤ Vulnerable DPs (e.g., women headed households, minors and aged, orphans, disabled persons and those below the poverty line). Specify the number and vulnerability in "remarks".	-	X	-	
➤ Others (specify in "remarks")	-	X	-	
<b>Section 2</b>	-	X	-	
➤ Are there any indigenous or other minority groups affected by land acquisition or project activities? If "Yes" check the following items	-	X	-	
➤ Indigenous groups (specify groups in "remarks"). Describe nature of impacts	-	X	-	
➤ Minority groups (specify in "remarks"). Describe nature of impacts	-	X	-	



**Summarized E&S Screening Table**

Type Activities	Physical					Biological		Social and Socioeconomic												
	Soil Erosion/ Contamination	Air Quality	Surface Water Quality	Groundwater	Water Availability and Consumption	Natural Vegetation	Wildlife	Blocked Access Routes	Noise and Vibration	Impacts on	Impacts on	Livestock Grazing	Compensation	Safety Hazard	Infrastructure	Public Health	Aesthetic Value	Cultural Issues	Gender Issues	
Construction activities	B	B	B	C	B	C	C	B	B	B	B	B	B	B	B	B	C	C	C	

**KEY:** A for high risk, B for medium risk, and C for negligible risk.



Overall Assessment	
<ul style="list-style-type: none"><li>Sub-project is declined</li></ul>	—
<ul style="list-style-type: none"><li>Sub-project is accepted</li></ul>	Yes
<ul style="list-style-type: none"><li>Sub-project is classified as environmental Category A and requires an in- depth Environmental and Social Impact Assessment and an Environmental Management Plan.</li></ul>	—
<ul style="list-style-type: none"><li>Sub-project is classified as environmental Category B and requires an Environmental Management Plan.</li></ul>	—
<ul style="list-style-type: none"><li>Sub-project is classified as environmental Category C and does not require an Environmental Management Plan.</li></ul>	The sub-project impacts are localized and reversible in nature and can be managed through mitigation and management plan (checklist followed by supervision and monitoring checklist). This will be implemented by project engineer, contractor, and PMU Environmental and Social Safeguard team.



## **Annexure- 03**

### **COVID-19 SOPs**

#### **KITE PMU C&W COVID-19 SOPs for Contractors during Construction (COVID-19 Pandemic and Health Safety Measures)**

**General Introduction:** Given the unprecedented nature of the COVID-19 pandemic, contractors are required to take all necessary precautions to maintain the health and safety of workers and nearby communities of the project site and to ensure suitable arrangements regarding hygiene requirements are in place.

The risk of exposure to COVID-19 at the construction site depends on the likelihood of coming within 1 meter of others, in having frequent physical contact with people who may be infected with COVID-19, and through contact with contaminated surfaces and objects.

The Contractor, with support from a relevant medical professional or Occupational Health & Safety (OHS) Advisor, should carry out rapid risk assessments to determine the possibility of exposure risk in order to put in place preventive measures. This should be done for each specific work setting and each job.

Employers and managers, in consultation with workers, should carry out and regularly update the risk assessment for work-related exposure to COVID-19, preferably with the support of occupational health services.

Any suspension or downscaling or resumption of activities should rely on the risk assessment, the capacity to put in place protective measures and the level of compliance, and recommendations of national authorities.

Measures to prevent transmission of COVID-19 that apply to all workplaces and all people at the workplace include frequent hand-washing or disinfection with alcohol-based hand sanitizer, respiratory hygiene such as covering coughs, physical distancing of at least 1 meter or more according to the national recommendations, wearing of masks where distancing is not possible, regular environmental cleaning and disinfection, and limiting unnecessary travel. Clear policies and messages, training, and education for staff and managers to increase awareness of COVID-19 are essential. The management of people with COVID-19 or their contacts is also critical e.g. requiring workers who are unwell or who develop symptoms to stay at home, self-isolate and contact a medical professional or the local COVID-19 information line for advice on testing and referral.

Employers, workers, and their organizations should collaborate with health authorities to prevent and control COVID-19. Cooperation between management and workers and their representatives is essential for workplace-related prevention measures. International labour standards on the rights and responsibilities of workers and employers in occupational safety and health should be fully respected. Contractors, in consultation with workers and their representatives, should plan and implement measures to prevent and mitigate COVID-19 at the workplace through administrative controls, and provide personal protective equipment and clothing according to the risk assessment. Such measures should not involve any expenditure on the part of the workers.



Special measures are needed to protect workers at higher risk of developing severe disease, such as those age 60 and over, or with underlying medical conditions, upon recommendation of the occupational health services. Workers in the informal economy and digital labour platforms, those in small enterprises, domestic and migrant workers should not be left behind in the protection of their health and safety at work place.

There should be no social stigma or discrimination at the workplace for any reason, including access to information and protection from COVID-19, occupational health services and mental health and psychosocial support.

If COVID-19 is contracted through occupational exposure, it could be considered an occupational disease and, if so determined, should be reported and compensated according to the international labour standards and the national schemes for employment injury benefits.

There should be fresh, clean air in all workplaces. For jobs and work tasks at medium or high risk of exposure, WHO recommends an increased ventilation rate through natural aeration or artificial ventilation, preferably without re-circulation of the air. In case of air recirculation, filters should be cleaned regularly.

COVID-19 is associated with a range of concerns, such as fear of falling ill and dying, of being socially excluded, placed in quarantine, or losing a livelihood. Symptoms of anxiety and depression are common reactions for people in the context of COVID-19. Mental health and psychosocial support should be made available to all workers. Comprehensive risk assessments can help identify and mitigate related occupational hazards for mental health

Following are the measures that should be implemented at the entire construction sites by the Contractor to avoid the spread of Covid-19:

Activities	Adaptive Measures
<b>Pre- Execution Phase</b>	
<b>A. Profile preparation</b>	<ul style="list-style-type: none"> <li>➤ Detail profile of project workforce</li> <li>➤ Enlist the names, addresses and contact #</li> <li>➤ Breakdown of the workforce (workers from local community and those who have on site accommodation)</li> <li>➤ Assigning the task against each person</li> <li>➤ Schedule the key activities and their duration at site</li> <li>➤ Identifying all workers who are initially at more risk of contracting Covid-19.</li> </ul>
	<ul style="list-style-type: none"> <li>➤</li> </ul>
<b>B. Initial Screening</b>  <b>C. Identification of Local Medical Services</b>	<ul style="list-style-type: none"> <li>➤ All enlisted workforce should go through initial screening process</li> <li>➤ Record keeping against initial screening</li> <li>➤ Identifying all workers who are initially at more risk of contracting Covid-19.</li> </ul> <p>An emergency desk will be established at the construction site. A focal point will be designated by contractor for this purpose. The KITE PMU C&amp;WD will facilitate. The</p>



	<p>responsibility of the focal point will to highlight the nearby health services units, and also collect data for the nearby tertiary hospitals. For this purpose, the contractor will develop a referral mechanism, if the patient needs tertiary hospital medication, an ambulance will be in place, so as the patient shall move to the required destination on urgent basis for treatment.</p>
<b>During Execution Phase</b>	
<b>A. Preliminary Screening</b>	<p><b>Regular Screening:</b></p> <p>Regular screening by using Thermo gun on daily basis before starting civil work at site</p> <p>Checking and recording temperatures of all workers entering the site or requiring self-reporting prior to or on entering the site.</p> <p>If a worker has symptoms of COVID-19 (e.g. fever, dry cough, fatigue) the worker should be removed immediately from work activities and isolated on designated site.</p> <p>Co-workers (i.e. workers with whom the sick worker was in close contact) should be required to stop work, and to quarantine themselves for 14 days, even if they have no symptoms.</p> <p><b>Sequential Screening:</b></p> <p>Concerned DHQ medical staff is requested for screening at regular intervals. List should also be shared with DHQ for avoiding future inconvenience <b>or hire health safety officer on weekly basis.</b></p>
<b>B. Special Arrangements regarding PPEs</b>	<p>Ensuring availability of hand washing facilities (sanitizers/soaps) at site</p> <p>Presence of closed waste bins at key places throughout site, including at entrances/exits to work areas (toilet,</p>



	<p>canteen or food distribution, or provision of drinking water; in worker accommodation; at waste stations; at stores; and in common spaces).</p> <p>Special arrangements regarding PPEs and sanitation at site</p> <p>Record keeping of stock availability on daily basis</p>
<p><b>C. Restricted Movement/ Demobilization of staff</b></p>	<p>Encourage employees/ workers/ labor to wash their hands at least for 20 seconds with soap and stay at least one meter away from people who are coughing or sneezing</p> <p>Breakdown of workers who reside at home (i.e. workers from the community), workers who lodge within the local community and workers in on-site accommodation. Workers accommodated on site should be required to minimize contact with people near the site, and in certain cases be prohibited from leaving the site for the duration of their contract, so that contact with local communities is avoided. Workers from local communities, who return home daily, weekly or monthly, will be more difficult to manage. They should be subject to health checks at entry to the site (as set out above) and at some point, circumstances may make it necessary to require them to either use accommodation on site or not to come to work.</p> <p>All workers should be provided separate accommodation.</p>
	<p>Limit the number of workers in small workspace areas such as job site elevators, trailers and vehicles, and spaces under construction if possible.</p> <p>Limit close contact with others by maintaining a distance of at least 6 feet, when possible.</p>



	<p>If a worker is found to have symptoms of COVID-19, the worker should be removed immediately from work activities and isolated on designated site.</p>
<p><b>D. Training sessions</b></p>	<p>Health and safety training for Contractor's Personnel (which include project workers and all personnel that the Contractor uses on site, including staff and other employees of the Contractor and Subcontractors and any other personnel assisting the Contractor in carrying out project activities.</p> <p>Sessions related to safety procedures, use of construction PPEs, occupational health and safety issues, and code of conduct specially privacy issues including social distancing.</p> <p>Arranging daily briefings with workforce, reminding workers to self-monitor for possible symptoms (fever, cough) and to report to their supervisor or the COVID-19 focal point if they have symptoms or are feeling unwell.</p> <p>Placing posters and sign boards around the site in local languages.</p> <p>Appointing one person on daily basis among the workforce who will serve as trainer for conducting awareness session and encouraging the rest to take preventive measures.</p>
<p><b>E. <u>Operationalization of Grievance Redress Mechanism</u></b></p>	<p>Effective implementation of GRM at site</p> <p>Ensuring reporting of COVID-19 related cases to project GRM.</p> <p>In case of unavailability of the PPEs at site, grievance would be lodged directly at Project GRM.</p> <p>The KITE PMU C&amp;WD has developed Grievance Redressed Mechanism (GRM) for local communities which will also be addressed in the ESMP. The community will make a complaint to the PMU KITE C&amp;WD, the telephone number</p>



	of PMU KITE C&WD, address and methods of complaints (manually) by the community will be displayed on the notice Board of the contractor at the construction site.
<b>F. Role of KITE PMU C&amp;W.</b>	<p>KITE C&amp;W PMU is required to arrange regular meetings with Contractors and workforce to monitor all procedural implementation of COVID-19 prevention related mechanism.</p> <p>Arrange meeting with concerned DHQs for immediate support and guidance in case of emergency.</p> <p>Conduct regular monitoring visits and assess site compliance against a COVID-19 Screening Checklist.</p>
<b>Post Execution Phase</b>	
<b>A. Post Screening</b>	Screening should be done at the end of the day on daily basis, if a worker is found to have any symptoms of COVID-19, he should be immediately removed from work activities, quarantined at designated site and reported to concerned health department.
<b>B. Cleaning and waste disposal</b>	All waste (PPEs and sanitation related waste) shall be disposed off properly at designated sites.
<b>A. Record Keeping by Contractor</b>	A register shall be maintained by contractor to keep record of attendance and their health status on regular basis.
<b>B. Checking by KITE PMU C&amp;W</b>	KITE PMU C&W will appoint a focal point for each site, who will check the register, and performance of the implementation of this checklist and report promptly in case of identification of a COVID-19 infected worker. Occupational health and safety advisor will be ensured by contractor, and checked by KITE PMU C&W.



**Annexure-04**

**Environmental Management and Monitoring Checklist**

S. No.	Environmental impacts	Status (Yes or No)	Mitigation Measures Implemented			Reason for non- compliance (If status is "No")	Supervision Responsibility (Contractor/ Site Sub- engineer)
			Details	Status (Yes/No)	Means of Monitoring (Documents/ Pictorial Proof)		
1.	Are the contaminants (such as toilet waste) from the construction site being released to the environment?		Toilet facility either connected with the sewer system, or having appropriate disposal system such as septic tank and soakage pit will be established at the site.		Register/ pic		Contractor
2.	Are the effluents from the site causing or likely to cause additional sediment load in the receiving water?		<ul style="list-style-type: none"> <li>No sediments or debris will be released/disposed in the open/nearby water ways.</li> <li>Appropriate sediment control measures i.e. provision of septic tank at each site to prevent sediments from moving</li> </ul>		The area is clean/ photographs/ visual		Contractor



			offsite and causing excessive turbidity in the waterways.				
3.	Are the effluents or debris from the site choking or likely to choke the existing sewer or drain?		<ul style="list-style-type: none"> <li>No sediments or debris will be released/disposed in the drains.</li> <li>Appropriate sediment control measures will be taken to prevent sediments from entering the drains/sewer.</li> </ul>		Register/ pic		
4.	Are the construction activities producing or likely to produce significant quantities of construction wastes?		<ul style="list-style-type: none"> <li>Waste collection and disposal arrangements/ locations will be identified for all major waste types expected from the construction activities.</li> <li>Construction waste will be disposed properly using the approved method at approved locations by taking services from local TMA wherever feasible, the</li> </ul>		Register/ pic		Contractor



			waste will be reused and/or recycled.				
5	Are the construction activities causing or likely to cause air quality deterioration?		<ul style="list-style-type: none"><li>• Keep the surroundings free from debris to minimize dust.</li><li>• There will not be excessive idling of construction machinery/vehicles at site.</li><li>• Water sprinkling will be carried out in case of excessive dust emissions.</li></ul>		Register/ pic		Contractor
6	Are there any safety hazard concerns for the workers.		<ul style="list-style-type: none"><li>• All works to be carried out in a safe and disciplined manner. Workers will use appropriate personal protective equipment (PPE), including hard hats and safety boots (always), and masks and goggles (as needed).</li><li>• fencing of site by safety tape the nearby population, particularly children, from the</li></ul>				Contractor



			<p>construction activities, loading/unloading of construction activities, loading/unloading of material, and vehicle operation.</p> <ul style="list-style-type: none"><li>• First-aid boxes will be made available at the site.</li><li>• List of important telephone numbers (fire stations, hospitals, police and others) will be placed at the appropriate location at the site.</li></ul>				
--	--	--	---	--	--	--	--

<b>Checklist filled by:</b>		<b>Checklist reviewed by:</b>	
Name:		Name:	



GOVERNMENT  
OF KHYBER  
PAKHTUNKHWA

KHYBER PAKHTUNKHWA  
**INTEGRATED TOURISM  
DEVELOPMENT PROJECT (KITE)**  
PROJECT MANAGEMENT UNIT (DoT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

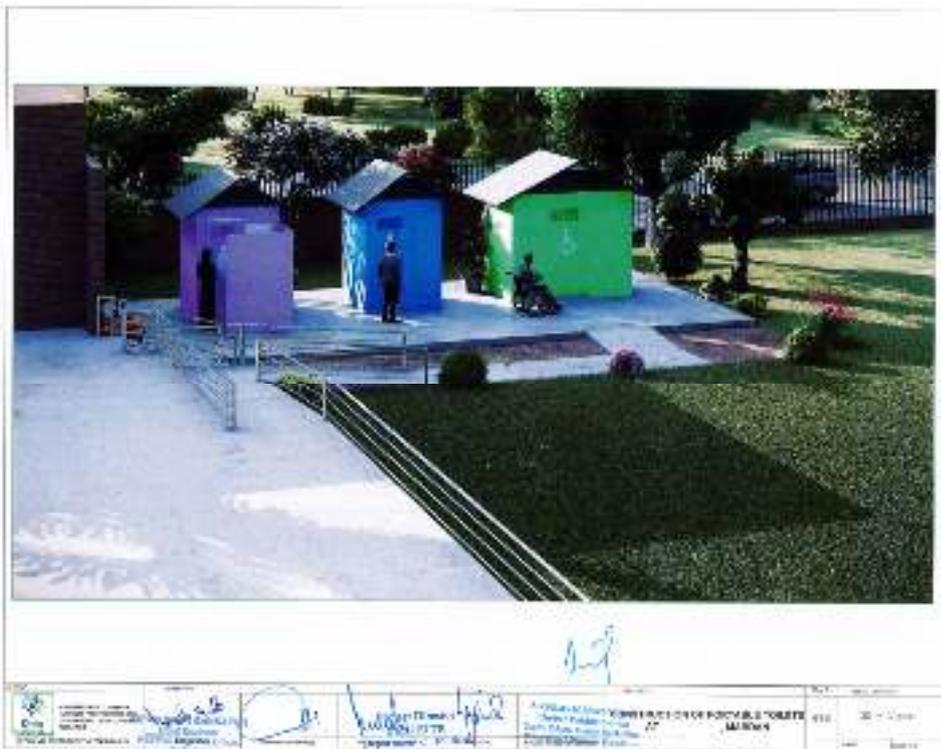
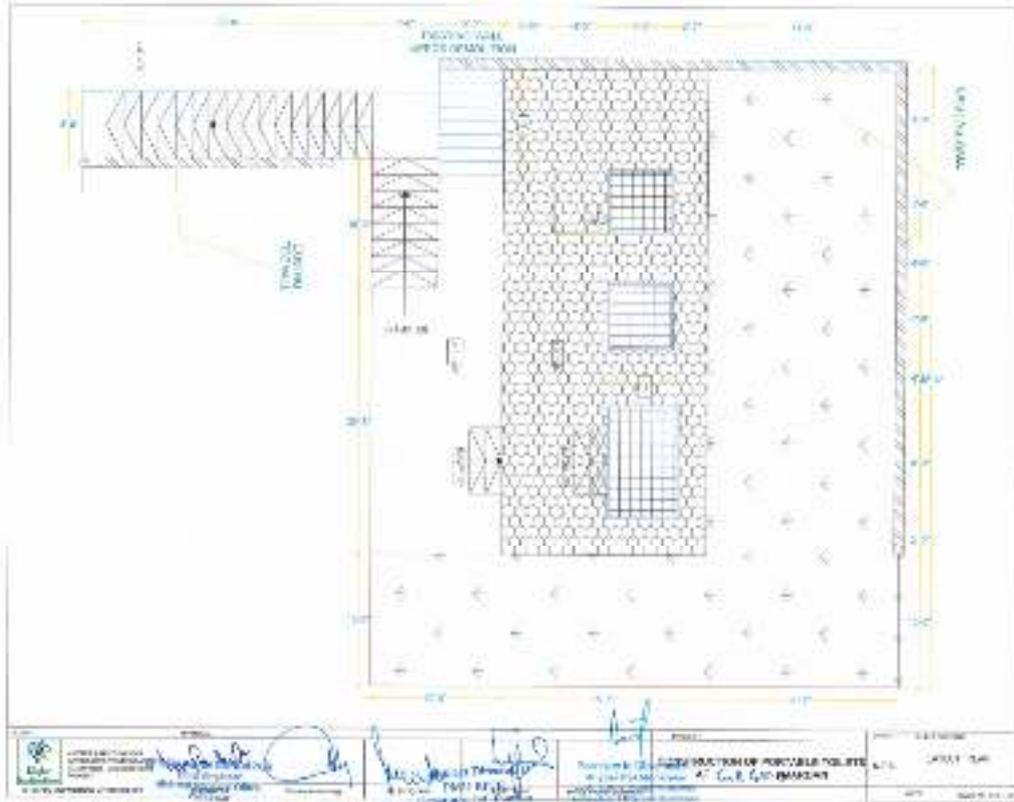
Signature:		Signature:	
Date:		Date:	







**Drawings Gor Gathri:**





**Annex-06**

**E&S Consultation Meeting Attendance List:**



KHYBER PAKHTUNKHWA INTEGRATED TOURISM DEVELOPMENT PROJECT  
DEPARTMENT OF TOURISM

**Attendance Sheet for  
Screening ENS Visit of Gorkhatri Site**

S No	Name	Designation/Department	Signature
1	Faraz Khan	incharge Gorkhatri	Faz
2	Mudaris	visitor	Faraz
3	Ahmad Ali	Rep Corne Kater	Ali
4	Asif Raza	Presd Museum incharge	Asif
5	Amir Khan	Archaeological Collection	Amir
6	Kashif Khan	Local	Kashif
7	Imran Khan	Rep TMA	Imran
8	Gulzar Khan	visitor	Gulzar
9	Khan Gul	Local	Khan Gul



KHYBER PAKHTUNKHWA INTEGRATED TOURISM DEVELOPMENT PROJECT  
DEPARTMENT OF TOURISM

Attendance Sheet for  
Screening ENS Visit of Takht Bhai Site

S.No	Name	Designation/Department	Signature
1.	Miyan Abdul Wahab	Incharge Takht Bhai	
2.	Jahangir	Incharge Maxdan Museum	
3.	Abdul Maaz	Engineer Takht Bhai	
4.	Zahoor Khan	Rep TMA Takht Bhai	
5.	Haider Gul	visitor	
6.	Asif Ahmad	visitor	
7.	Sabaz Ali	local Resident	
8.	Sameen Khan	local Resident	