

1. Environmental Mitigation and Management Plan (EMMP):

TABLE 3: ENVIRONMENTAL MITIGATION AND MANAGEMENT PLAN (EMMP)

Activity/Sub-Activity	Identified Environmental Aspects or Impacts	Mitigation Measure(s)	Monitoring Indicators	Responsibility	Reporting Frequency and timeline
REHABILITATION PHASE					
a) Demolition and repair work	Occupational health safety (OHS) Risks to workers	Mandatory provision of PPEs to all workers.	Zero injuries in any month of Rehabilitation phase	Supervising engineer, health facility manger, and Contractor	Weekly spot checks during the rehabilitation period
b) Demolition and repair work	Injury to patients or healthcare workers by Rehabilitation activities	-Contractors will close off/prevent access to areas under rehabilitation. -Ensure good housekeeping and clean operations by immediate removal of rubble strewn outside construction areas. -Construction workers will limit verbal noise or other forms of noise during renovation works inside medical buildings -Contractors will use screens or nets to avoid flying debris and dust. -selecting work time other than the health facility normal working time.	Zero injuries in any month of Rehabilitation phase	Supervising engineer, health facility manger, and Contractor	Weekly spot checks during the rehabilitation period
c) Demolition and repair work	Indoor air quality deterioration due to dust	-Contractors will use dust screens or nets in windows, doorways and ventilators of	No complaints about	Supervising engineer, health	Weekly spot checks during the rehabilitation period

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		rooms where demolition or other dusty construction activities are occurring. - selecting work time other than the health facility normal working time.	excessive dust from construction areas (this should be verified by perusal of records in complaints log)	facility manger, and Contractor	
d) Demolition and repair work	Improper management of demolition (and general construction) waste	-Contractors will undertake waste segregation at source to separate hazardous from non-hazardous waste. -Waste (such as metal scrap or wood waste) that can be reused/ recycled may be given to local people. -Seek guidance of local environmental officers to identify acceptable disposal sites. -Supervising engineers and health facilities managers will ensure that contractors do not illegally dump waste in non-designated areas.	-Contractor has records of proper waste disposal indicating quantities dumped and location of dumping site, -Separate containers on site for hazardous and non-hazardous waste. -Record of material types and estimated quantity diverted for reuse -No complaint of waste dumped	Supervising engineer, health facility manger, and Contractor	Weekly spot checks during the rehabilitation period

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			illegally in non-designated sites		
e) Demolition and repair work	Temporary disruption of healthcare services	-Plan pre-construction activities early to identify suitable rooms or adjoining buildings into which to relocate patients or service areas with minimal inconvenience. - Select work time other than the health facility normal working time.	A written pre-construction plan available on site to re-arrange service areas so as to minimize disruption of healthcare operations and evidence of compliance with it.	Supervising engineer, health facility manager, and Contractor	Weekly spot checks during the rehabilitation period

8. ENVIRONMENTAL MITIGATION AND MANAGEMENT PLAN (EMMP)

TABLE 1: THE MEDICAL WASTE ZONE PROJECT ENVIRONMENTAL MITIGATION AND MANAGEMENT PLAN (EMMP):

Construction Phase of the Medical Waste Zone (including incinerator)					
	Occupational health safety (OHS) Risks to workers	Provide PPE to all workers	Zero injuries in any month of Construction phase	Supervising engineer, health facility manger, and Contractor	Weekly safety audits will be conducted
	Injury to patients or healthcare workers by Construction activities	-Contractors will close off/prevent access to areas under construction. -Ensure good housekeeping and clean operations by immediate removal of rubble strewn outside construction areas. -Construction workers will limit verbal noise or other forms of noise during renovation works inside medical buildings	Zero injuries in any month of Construction phase	Supervising engineer, health facility manger, and Contractor	Bi -weekly monitoring reports will be submitted during construction

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		-Contractors will use screens or nets to avoid flying debris and dust. -selecting work time other than the health facility normal working time.			
	Air quality deterioration due to dust	- selecting work time other than the health facility normal working time.	No complaints about excessive dust from construction areas (this will be verified by perusal of records in complaints log)	Supervising engineer, health facility manger, and Contractor	Bi -weekly monitoring reports will be submitted during construction
d	Improper management of demolition (and general construction) waste	-Contractor will undertake waste segregation at source to separate hazardous from non-hazardous waste. -Waste (such as metal scrap or wood waste) that can be reused/ recycled may be given to local people. -Seek guidance of local environmental officers to identify acceptable disposal sites. -Supervising engineers and health facilities managers should ensure that contractors do not illegally dump waste in non-designated areas.	-Contractor has records of proper waste disposal indicating quantities dumped and location of dumping site, -Separate containers on site for hazardous and non-hazardous waste. -Record of material types and estimated quantity diverted for reuse	Supervising engineer, health facility manger, and Contractor	Bi -weekly monitoring reports will be submitted during construction

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			-No complaint of waste dumped illegally in non-designated sites		
	Temporary disruption of healthcare services	-Plan pre-construction activities early to identify suitable rooms or adjoining buildings into which to relocate patients or service areas with minimal inconvenience. - Select work time other than the health facility normal working time.	A written pre-construction plan available on site to re-arrange service areas so as to minimize disruption of healthcare operations and evidence of compliance with it.	Supervising engineer, health facility manger, and Contractor	Bi- weekly monitoring reports will be submitted during construction