

IMPLEMENTATION OF ESMP

Mitigation CHECKLIST Proforma (Pre-Construction Activities)



**HIGHER EDUCATION COMMISSION
(Monitoring & Evaluation Division)**

A. Project Profile:

1. Project title: _____

2. Project Basic Details:

Details	Status	
	Original (as per PC-I/Admn. approval	Revised/Actual (if any)
Cost (Rs. in million)		
Duration (in months)		
Commencement Date		
Completion		

3. PSDP Status:

☐ Ongoing ☐ New-Approved ☐ Completed

4. Civil Work Detail:

Modules *	No.	Area of Civil Work (Sqft)	Consultant Hired (Yes/No)	If Yes		Contract Awarded (Yes/No)	If Yes		Physical status **
				Start Date	End Date		Start Date	End Date	

* Academic Block, Admn. Block, Student Hostel, Faculty Residence, Auditorium, Multipurpose Hall, external Work etc.

** Not starts, Initial Stage, Middle Stage, Finishing Stage, Completed etc.

5. Details of Persons Responsible for Civil Work:

Officer / Person Responsible	Name	Contact Details		
		Phone	Mobile	Email
Director (Works)				
Project Director				
Resident Engineer				
Site/Project Engineer				
Consultant				
Contractor				

B. Mitigation Measures:

S#	Description	Requisite Mitigation/Action	Compliance (Yes/No)	If No	
				Reason for non- compliance	Remedial measures
1	Site Selection				
	1.1 Title of the land	Whether the Title of the land has been transferred in the name of University/HEI's			
	1.2 Possession of the land	Has the possession of the land obtained before commencement of the physical work at site.			
	1.3 Access problems to the students and visitors to locate the new facility	Is the site conveniently located and easily accessible for the people and end users?			
	1.4 Displacement and Resettlement related issues	Whether the social issues relating to displacement and resettlement of people have been addressed as per relevant guidelines.			
	1.5 Water scarcity for users.	Is reasonable source of freshwater available for sustainable water supply for both construction and operation phase of the project.			
	1.6 Noise and Vibrations	Is the proposed site located sufficiently away from the source of noise to the users including railway tracks, bus stops and busy commercial centers.			
	1.7 Obstruction to ventilation and sunlight	whether the Construction at site has caused any obstruction to ventilation and sunlight to the neighborhood structures.			
	1.8 Parking related issues	Whether the site has been selected where sufficient parking spaces are available for the visitors to the new facilities in the Campus.			
	1.9 Loss of natural vegetation in the project area	Have the owners been compensated for cutting of trees. Whether replantation plan prepared?			

S#	Description	Requisite Mitigation/Action	Compliance (Yes/No)	If No	
				Reason for non-compliance	Remedial measures
2.	Architectural Planning & Environmental Designing	Are the architectural features in conformity to the general landscape of the area and building bye laws			
	2.1 Compliance of Local building bye-laws				
	2.2 Congestions of spaces	Whether the facility has been designed to accommodate all the staff and visiting persons in accordance with the guidelines provided by the Government and other relevant standards. - Ample seating arrangements made at visitors' gallery along with adequate facilities like fans, air coolers, and drinking water cooler etc.			
	2.3 Non Environment friendly Material	Has the locally available construction material been preferred.			
	2.4 Climatic impacts	Are the principles of climate responsive design followed and the facility designed inconsonance with local climatic and environmental conditions.			
	2.5 Increased Energy cost during life cycle of the project.	Whether the principles of passive building design incorporating natural air for ventilation and sunlight for heating and lighting has been adopted in the planning, orientation and designing of the facility and energy cost reduction been provided for comparison.			
	2.6 Extreme weather impacts	Whether proper insulation of the building components against extreme weather has been carried out with appropriate material.			
	2.7 Application of Accessibility code for handicapped	Whether the design has been prepared according to the accessibility code and made barrier free for the disabled and special person, e.g., provision of wheelchair-ramps, side rail along stairs, toilets for disabled and studded floors for the visually impaired people in all larger buildings			
	2.8 Gender issues	Has the provision for separate toilet facilities for men and women been made?			
	2.9 Contamination of ground water by sewerage.	Whether appropriate sewage treatment mechanisms such as septic tanks of adequate sizes has been incorporated in the design for treating of sanitation water			

S#	Description	Requisite Mitigation/Action	Compliance (Yes/No)	If No	
				Reason for non- compliance	Remedial measures
	2.10 Drinking water problems	Is there any arrangement for clean drinking water			
	2.11 Natural disasters	Has Proper emergency exits / escape routes and fire extinguishing hydrants, fire alarm and safety system been provided in the design.			
	2.12 Lack of public utilities	Has the provision of space for the public utilities like photocopying, internet, and PCO in larger building complexes been made.			
	2.13 Water losses and wastage	Whether Provision of channels and on site rain water retention basins for collection and diversion of storm water away from the building and streets and to replenish underground aquifers has been made.			