**Annex-V**

**CHECKLIST FOR DISASTER RISK REDUCTION**

1. Does the project fall in the disaster prone district (List of 50 districts circulated by NDMA)?

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes |  | |  | | --- | |  | | No |  |  |  |  |  |  |

1. If yes, which types of hazards have been considered as unavoidable for the project and thus a condition for its planning and design?

Indicate the relative order of importance of the hazards related to the project.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Avalanche | |  | | --- | |  | | Cyclone | |  | | --- | |  | | Drought | |  | | --- | |  | | Earthquake | |  | | --- | |  | | Fire |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Flooding | |  | | --- | |  | | Glacier Lake outburst Flood | |  | | --- | |  | | Intense erosion | |  | | --- | |  | | Torrential Rains |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Landslide | |  | | --- | |  | | Tsunami | |  | | --- | |  | | Windstorm | |  | | --- | |  | | Locust | |  | | --- | |  | | Other… |

1. Give brief history of the identified hazard(s) in the area.
2. Is the project prepared keeping in view the building Codes of Pakistan 2007?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Is the project prepared keeping in view the prevailing Building bye-laws?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the project incorporate the prevailing territorial planning regulations (e.g. hazard zoning, institutional jurisdictions)?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Have the components and activities of the project been designed to resist the impact of hazards and to contribute to the reduction of its vulnerability and that of its surroundings and beneficiaries?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. What facilities are available in the area for rescue and emergency relief in case of a hazard?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.**  **No.** | **Facility** | **Controlling Organization** | **Distance from the Project (approx)** | **Response time (approx)** |
| 1. | Fire Fighting Services |  |  |  |
| 2. | 1122 Rescue Service |  |  |  |
| 3. | Edhi Service |  |  |  |
| 4. | Other |  |  |  |

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1. Are there funds for mitigation and periodical maintenance of its components, incorporated and meant to reduce the vulnerability of the project and its surrounding population?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the budget and cash flow of the project include items allowing the coverage of structural activities for risk management?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the budget of the project include provision to respond to emergencies (e.g. alert, contingencies, mitigation and rehabilitation)?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the project include a campaign of awareness raising, training and understanding to risk management for planners, workers and beneficiaries?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the budget and cash flow of the project include items allowing the coverage of non-structural activities for risk management?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Do service, transfer, concession and reclamation contracts incorporate provisions for risk management?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the project incorporate an adequate contingency plan for possible disasters?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Does the project incorporate any instruments for its financial protection during execution and after the completion of the project insurance, indemnity, guarantee, contingency credit arrangements, etc.)?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Are there any financial or moral incentives to promote risk management?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

1. Is there an evaluation of the financial vulnerability of the department/agency in charge of the project in case of a disaster?

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  | | Yes | |  | | --- | |  | | No | |  | | --- | |  | | Partial | |  | | --- | |  | | N/A |

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