Form-I for seeking clearance for project attracting CRZ notification

(I) Basic information:

Name of the project :-

Location or site alternative under consideration:-

Size of the project (in terms of total area):-

CRZ classification of the area:-

Expected cost of the project:-

Contact information (Name, address, telephone & email):-

(II) Activity

1. Construction operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, and the like)

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
1.1	Permanent or temporary change in land use. Land cover or topography including increase in intensity of land use (with respect to local land use plan)		
1.2	Details of CRZ classification as per the approved Coastal Zone Management Plan?		
1.3	Whether located in CRZ-I area?		
1.4	The distance from the CRZ –I areas.		
1.5	Whether located within the hazard zone as mapped by Ministry of Environment and Forests / National Disaster Management Authority?		
1.6	Whether the area is prone to cyclone, tsunami, tidal surge, subduction, earthquake etc.?		
1.7	Whether the area is prone for saltwater ingress?		
1.8	Clearance of existing land, vegetation and buildings?		
1.9	Creation of new land use?		
1.10	Pre-construction investigations e.g. bore hole. Soil testing?		

1.11	Construction works?		
1.12	Demolition works?		
1.13	Temporary sites used for construction works or housing of construction workers?		
1.14	Above ground buildings, structures or earthworks including linear structures. Cut and fill or excavations		
1.15	Underground works including mining or tunneling?		
1.16	Reclamation works?		
1.17	Dredging/reclamation /land filling/disposal of dredged materials etc.?		
1.18	Offshore structures?		
1.19	Production and manufacturing process?		
1.20	Facilities for storage of goods or materials?		
1.21	Facilities for treatment or disposal of solid waste or liquid effluents?		
1.22	Facilities for long term housing of operational workers		
1.23	New road, rail or sea traffic during construction or operation?		
1.24	New road, rail, air waterborne or other transport infrastructure leading to changes in traffic movements?		
1.25	Closure or diverted of existing transport routes or infrastructure leading to changes in traffic movements?		
1.26	New or diverted transmission lines or pipeline?		
1.27	Impoundment, damming, culverting, realignment or other changes to the hydrology of water course s or aquifers?		
1.28	Stream and river crossings?		
1.29	Abstraction or transfers of water from ground or surface water?		
1.30	Changes in water bodies or the land surface affecting drainage or run-off?		
1.31	Transport of personnel or materials for construction, operation or decommissioning?		
1.32	Long-term dismantling or decommissioning or restoration works?		
1.33	Ongoing activity during decommissioning which could have an impact on the environment?		
1.34	Influx of people to an area in either temporarily or permanently?		
1.35	Introduction of alien species?		
1.36	Loss of native species or genetic diversity?		
1.37	Any other actions?		

2. Use of natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply).

Sl.No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
2.1	Land especially undeveloped or agricultural land (ha)		
2.2	Water (expected source & competing users) unit :KLD)		
2.3	Minerals (MT)		
2.4	Construction materials –stone, aggregates, sand/ soil (expected source –MT)		
2.5	Forests and timber (source –MT)		
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)		
2.7	Any other natural resources (use appropriate standard units)		

3. Use storage, transport, handling or production of substances or materials, which could be harmful to human health or the environmental or raise concerns about actual or perceived risks to human health.

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna and water supplies)		
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)		
3.3	Affect the welfare of people e.g. by changing living conditions?		
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.		
3.5	Any other causes, that would affect local communities, fisher folk their livelihood, dwelling units of traditional local communities etc.		

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
4.1	Spoil, overburden or mine wastes		
4.2	Municipal waste (domestic and or commercial wastes)		
4.3	Hazardous wastes (as Per Hazardous Waste Management Rules)		
4.4	Other industrial process wastes		
4.5	Surplus product		
4.6	Sewage sludge or other sludge from effluent treatment		
4.7	Construction or demolition wastes		
4.8	Redundant machinery or equipment		
4.9	Contaminated soils or other materials		
4.10	Agricultural wastes		
4.11	Other solid wastes		

5. Release of pollutants or any hazardous, toxic or noxious substance to air (Kg/hr)

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.		
5.2	Emissions from production processes.		
5.3	Emissions from materials handling including storage or transport		
5.4	Emissions from construction activities including plant and equipments		
5.5	Dust or odours from handling of materials including construction materials, sewage and waste		
5.6	Emissions from incineration of waste		
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)		
5.8	Emissions from any other sources		

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
6.1	From operation of equipment e.g. engines, ventilation plant, crushers		
6.2	From industrial or similar processes		
6.3	From construction or demolition		
6.4	From blasting or piling		
6.5	From construction or operational traffic		
6.6	From lighting or cooling systems		
6.7	From any other sources		

7. Risks of contamination of land or water from release of pollutants into the ground or into sewers, surface waters, groundwater, coastal water or the sea:

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
7.1	From handling, storage, use of spillage of hazardous materials		
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)		
7.3	By deposition of pollutants emitted to air into the land or into water		
7.4	From any other sources		
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?		

8. Risks of accidents during construction or operation of the Project, Which could affect human health or the environment

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances		

8.2	From any other causes		
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landside, cloudburst etc)		

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

Sl.No	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data.
9.1	Lead to development of supporting Lities, ancillary development or development stimulated by the project which could have impact on the environment e.g: Supporting infrastructure (roads, power supply, waste or waste water treatment,etc)? Housing development Extractive industries Supply industries other		
9.2	Lead to after–use of the site, which could have an impact on the environment		
9.3	Set precedent for later developments		
9.4	Have cumulative effects due to proximity to other existing or planned project s with similar effects		

III. Environmental Sensitivity

Sl.No	Areas	Name/ identity	Aerial distance (within 15 Km) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value		
2	Areas which are important or sensitive for ecological reasons –Wetlands, watercourse or other water bodies, coastal zone, biospheres, mountains, forests		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration		
4	Inland, costal, marine or underground water		

5	State, National boundaries		
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas		
7	Defence installations		
8	Densely populated or built –up areas		
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)		
10	Areas conataning important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)		
11.	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landside, erosion, flooding or extreme or adverse climatic conditions)		

Place: Signature of the Project Proponent

Date : with seal

list of enclosures for CRZ clearance

Sl. No.	Particulars	Remarks (✓)	
		Yes	No
1.	Form-1 (Annexure-IV of the CRZ Notification, 2011)		
2.	Rapid EIA Report including marine and terrestrial component except for construction projects listed under 4(c) and (d)		
3.	Comprehensive EIA with cumulative studies for projects in the stretches classified as low and medium eroding by MoEF based on scientific studies and in consultation with the State Governments and Union territory Administration;		
4.	Disaster Management Report, Risk Assessment Report and Environmental Management Plan;		
5.	CRZ map indicating HTL and LTL demarcated by one of the authorized agency in 1:4000 Scale.		
6.	Project layout superimposed on the above map indicated at above.		
7.	The CRZ map normally covering 7 km radius around the project site.		
8.	The CRZ map indicating the CRZ-I, II, III and IV areas including other notified ecologically sensitive areas.		
9.	No Objection Certificate from the Concerned Pollution Control Board / UTs Pollution Control Committee for the projects involving discharge of effluents, solid wastes, sewage and the like.		
10.	Scrutiny fees of CRZ clearance as per the PCZMA office order dated 05.03.2018.		