



File No: 10/17/2021-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date **18/03/2025**



To,

NTPC LIMITED
NTPC Limited, NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road,
environment.ntpc@gmail.com

Ref: [Proposal No: IA/AN/INFRA1/517388/2025; File No: 10/17/2021-IA-III]

Subject: Split & transfer of Environment Clearance for the 450 MVA Gas and Solar based power plant at an area of 39 Ha in the name of M/s NTPC Limited from the EC & ICRZ Clearance granted by the Ministry vide letter F.No.10/17/2021-IA-III dated 11.11.2022 for the Integrated Development of International Container Transshipment Terminal (ICTT)–14.2 million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation-Regarding.

Sir/Madam,

This is in reference to your application for grant of splitting of Environmental Clearance (EC) and ICRZ clearance under the provision of the EIA Notification 2006 and CRZ Notification 2019 and its amendment in respect of Splitting & Transfer of EC & CRZ Clearance received vide letter dated 11.11.2022 for the Integrated Development of International Container Transshipment Terminal (ICTT) – 14.2 Million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha. at Great Nicobar Islands, Nicobar District submitted to Ministry vide proposal number IA/AN/INFRA1/517388/2025 dated 13/01/2025.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A3503AN5799086S
(ii) File No.	10/17/2021-IA-III
(iii) Clearance Type	Splitting of EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	7(e) Ports, harbors, breakwaters, dredging
(vi) Sector	INFRA1
(vii) Name of Project	Splitting & Transfer of EC & ICRZ Clearance received vide letter dated 11.11.2022 for the

(viii) Name of Company/Organization
(ix) Location of Project (District, State)
(x) Issuing Authority

Integrated Development of International Container Transshipment Terminal (ICTT) – 14.2 Million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha. at Great Nicobar Islands, Nicobar District
 NTPC LIMITED
 Nicobars, ANDAMAN & NICOBAR
 MOEF&CC

3. The proposal is for Splitting and transfer of Environmental Clearance for the 450 MVA Gas and Solar based power plant at an area of 39 Ha in the name of M/s NTPC Limited from the EC & ICRZ Clearance granted by the Ministry vide letter F.No.10/17/2021-IA-III dated 11.11.2022 for the Integrated Development of International Container Transshipment Terminal (ICTT)–14.2 million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation vide letter F.No.10/17/2021-IA-III dated 11.11.2022” under the provisions of the EIA Notification, 2006 and ICRZ notification, 2019.

4. The project falls under 7(e) Ports, harbours; 1 (d) Power Plant; and 8 (b) Township & Area Development project, Category A, Scheduled to the EIA Notification, 2006.

5. Initially the environmental and ICRZ clearance was granted for Integrated development of International Container Transshipment Terminal (ICTT)-14.2 Million TEU, Township & Area development and 450 MVA Gas and Solar based power plant in 16610 ha. Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd” under the EIA Notification, 2006 and ICRZ Notification, 2019 vide letter F.No.10/17/2021-IA-III dated 11.11.2022.

6. Now M/s Andaman and Nicobar Islands Integrated Development Corporation (ANIIDCO) has submitted the online application vide proposal no. IA/AN/INFRA1/517388/2025 dated 13/01/2025 along with Form-12 [Application for Splitting of Environmental Clearance] seeking “Split & transfer of EC for the 450 MVA Gas and Solar based power plant at an area of 39 Ha in the name of M/s NTPC Limited from the EC & ICRZ Clearance granted by the Ministry vide letter F.No.10/17/2021-IA-III dated 11.11.2022 for the Integrated Development of International Container Transshipment Terminal (ICTT)–14.2 million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation vide letter F.No.10/17/2021-IA-III dated 11.11.2022” under the provisions of the EIA Notification, 2006 and ICRZ notification, 2019.

7. The details of split of components are as following.

S. No.	As per the Existing EC and ICRZ clearance dated 11/11/2022	Proposed transfer of Environmental clearance to NTPC Ltd.
1	Integrated development of International Container Transshipment Terminal (ICTT)-14.2 million TEU, Township & Area development and 450 MVA Gas and Solar based power plant in 16610 ha. Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd.	Environmental Clearance for the 450 MVA Gas and solar-based power plant at an area of 39 Ha in the name of M/s NTPC Limited

8. With respect to the EC and ICRZ clearance splitting, the project proponent has submitted following documents.

- Form 12 for splitting of EC.
- No Objection Certificate stating that ANIIDCO Ltd has no objection for splitting & transfer of the Environmental and ICRZ clearance granted by MOEFCC vide letter no. 10/17/2021-IA.III dated 11.11.2022 in the name of M/s NTPC Limited for the 450 MVA Gas and Solar based power plant at an area of 39 Ha from the Integrated development of International Container Transshipment Terminal (ICTT)-14.2 Million TEU, Township & Area development and 450 MVA Gas and Solar based power plant in 16610 ha. Great Nicobar Islands, Nicobar District

by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd.

iii. NTPC has submitted the undertaking for establishing the 450 MVA Gas and Solar based power plant at an area of 39 Ha and will undertake and agrees to abide by all the responsibility and conditions mentioned in the EC and ICRZ clearance with respect to Gas and Solar based power plant.

3. 9. PP mentioned that no construction activity has been started at the site till date. A six-monthly compliance report with the stipulated environmental conditions is submitted via the PARIVESH portal.

10. The entire area (39 Ha) of the power plant falls under protected forest. MoEF&CC has granted in-principle/Stage-I Forest Clearance vide File No.8-22/2020-FC dated 27.10.2022. The PP stated that Galathea Bay Wildlife Sanctuary situated at 0.3 km has been denotified and the project does not fall in any of the wildlife sanctuaries/ National Parks in Great Nicobar Island namely Galathea National Park, Campbell Bay National Park, or their notified eco-sensitive zones.

11. Details of Court Cases: NGT Case OA No. 93/2024 regarding the GNI project was heard on 05.12.2024 and listed on 07.02.2025. High Court Case WPA(P) 12 of 2024 regarding tribal issues of the GNI project was heard on 18.12.2024 and no directions has been issued in the matter.

12. The EAC(Infra-I and CRZ), in its 389th meeting held during 29th-30th January, 2025, based on information & clarification provided by the project proponent and after detailed deliberations recommended the proposal for 'Split & transfer of EC for the 450 MVA Gas and Solar based power plant at an area of 39 Ha in the name of M/s NTPC Limited from the EC & ICRZ Clearance granted by the Ministry vide letter F.No.10/17/2021-IA-III dated 11.11.2022 for the Integrated Development of International Container Transshipment Terminal (ICTT)-14.2 million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation' subject to the adherence of specific and general conditions as mentioned in EC letter and conditions compliance matrix provided by PP and placed at Annexure-II. The conditions as recommended by the EAC and the conditions prescribed by the Ministry shall also be adhered to:

13. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant 'Split & transfer of EC for the 450 MVA Gas and Solar based power plant at an area of 39 Ha in the name of M/s NTPC Limited from the EC & ICRZ Clearance granted by the Ministry vide letter F.No.10/17/2021-IA-III dated 11.11.2022 for the Integrated Development of International Container Transshipment Terminal (ICTT)-14.2 million TEU, Township & Area Development, and 450 MVA Gas and Solar-based Power Plant in 16,610 ha at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation' under EIA Notification, 2006 and ICRZ notification, 2019 as amended, subject to the adherence of specific and general conditions as mentioned in EC letter and conditions compliance matrix provided by PP and placed at Annexure-II. The following conditions as recommended by the EAC and the conditions prescribed by the Ministry shall also be adhered to:

- i. All the conditions mentioned in the previous environmental clearance will remain unchanged including the validity.
- ii. All the standard conditions mentioned in part C (450 MVA Gas and Solar based power plant) of the EC and CRZ clearance dated 11.11.2022 shall be complied by the M/s NTPC.
- iii. All the conditions mentioned in the EC letter dated 11/11/2022 shall be applicable to ANIIDCO except the standard conditions mentioned at part C (450 MVA Gas and Solar based power plant).
- iv. ANIIDCO and NTPC shall strictly comply and adhere to the EC and CRZ responsible matrix submitted to the Ministry and the status of the compliance status shall be submitted to the Concern IRO, MoEF&CC.
- v. The outcome of the case pending in Hon'ble NGT and recommendations of the high-powered committee in the aforementioned matter shall be applicable and binding to NTPC in the case of the Power Plant.

vi. This splitting and transfer shall be applicable for environmental/CRZ clearance only. Necessary approval regarding forest clearance shall be obtained, if applicable.

14. This issues with the approval of the Competent Authority.

Copy To

1. The Principal Secretary (Environment), Department of Environment and Forests Van Sadan, Haddo, Port Blair Andaman & Nicobar Islands.
2. Addl. Principal Chief Conservator of Forests (C), Andaman and Nicobar Coastal Zone Management Authority, Van Sadan, Haddo, Port Blair, Andaman & Nicobar Islands.
3. Member secretary, Andaman & Nicobar Islands Pollution Control Committee (ANIPCC), Department of Science and Technology, Dollygunj, Port Blair - 744103, South Andaman, A & N Islands.
4. Addl. Principal Chief Conservator of Forests (C), Ministry of Env., Forest and Climate Change, Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 34.
5. The Member Secretary, Andaman and Nicobar Coastal Zone Management Authority, Van Sadan, Haddo, Port Blair, Andaman & Nicobar Islands.
6. The General Manager ANDAMAN AND NICOBAR ISLANDS INTEGRATED DEVELOPMENT CORPORATION ANIIDCO Ltd Vikash Bahwan, PO 180 Port Blair, Andamans, Andaman and Nicobar-744101.
7. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
8. Guard File/Record File.
9. Notice Board.

Standard EC Conditions for (Ports, harbors, breakwaters, dredging)

1 Specific Conditions

S. No	EC Conditions
1.1	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.

Annexure II.

The details of the responsibility matrix submitted in reference to the compliance of conditions given in the Environmental and CRZ Clearance are as following.

Sl. No.	EC & CRZ Terms and Conditions of Parent EC	Action Point/ Compliance	
		Proposed EC & CRZ Conditions Transferor - ANIIDCO Ltd.	Proposed EC & CRZ Conditions Transferee – NTPC Ltd.
Specific Conditions:			
A.	<p>I. All the recommendations mentioned in the wildlife conservation plans and Tribal welfare plans below shall be implemented in time bound manner. The compliance to the recommendations as per schedule shall be submitted along with 6 monthly compliance reports to the regional office of MoEF&CC:</p> <p>Leatherback Sea Turtle: Proposal submitted by Wildlife Institute of India (WII) was considered by the EAC and following recommendations are provided to ensure conservation of Leatherback along with other species of sea turtles such as Hawksbill, Green, Loggerhead and Olive Ridley in Andaman and Nicobar Islands with focus of Nicobar group of Islands. EAC has following specific recommendations:</p> <p>(i) WII will establish its long-term field research unit in Andaman and Nicobar Islands with one base in Great Nicobar, one based in Little Andaman and one in south Andaman to undertake and monitor sea turtle related research in A&N islands.</p>	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	a) The budget estimated by WII needs to be revised as the project lifecycle is for 30 years till year 2052, however, the proposal of WII is only for 10 years.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable

	<p>Therefore, WII need to revise proposal for 30 years along with budgetary provisions and implementation timeline and submitted to PP within 15 days of the grant of EC. Based on the revised proposal sent by WII corresponding amount for first 10 years will be released by PP within 3 months of submission of proposal which would enable WII to undertake uninterrupted research and conservation interventions on Leatherback and other species of sea turtles such as Hawksbill, Green, Loggerhead and Olive Ridley. Accordingly, the Committee informed PP to revise the EMP provisions. The provision for WII would be over and above the cost required by forest department. The costing should include costs of additional resources such as human resource, vehicles, mechanized boats, 200 additional satellite tags and monitoring costs over entire lifecycle of the proposed project etc as stated below. Project tenure of WII should be consistent with the holistic development plan for GNI and thus will be till the completion of the final phase of the same in the year 2052 and not limited to 10 years. The financial allocation in the proposal of WII should be such that the satellite tagging studies can be started immediately and have adequate and uninterrupted financial resources to continue the conservation work on Leatherback Sea Turtles. If any additional funds are required at a later stage or for post project development monitoring work, those will be made available by PP to WII. Project monitoring</p>		<p>Compliance: Not applicable</p> <p>Remarks: None</p>
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	committee as stated in 3.10.3 (VI) will review the project progress through biannual meetings and additional financial requirements in due course.		
	b) 20% of nesting population of Leatherback Sea Turtle or minimum 150 satellite tags (Argos linked Fast GPS Platform Terminal Transmitter with DIVE sensors), whichever is higher, to be deployed to Leatherback Sea Turtle in GNI and Nicobar Islands and Little Andaman in the first 5 years phase by WII. Of these 150 tags, minimum 50 tags to be deployed in the first year so that the sea turtle movement data will be available for the PP to monitor construction activity. For rest of the nesting individuals, flipper tags to be deployed.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	c) 20 satellite tags each for Green Sea Turtle, Hawksbill Sea Turtle and Olive Ridley Sea Turtle to be deployed in the first 5 years phase.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	d) Provision for 10 satellite tags for Loggerhead Sea Turtle should be made in case if nesting females are noticed in A&N.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	e) Considering the vast research area, additional manpower especially research associate and field assistants	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	needs to be incorporated in the proposal of WII including dedicated units for Great Nicobar, Little Nicobar and Little Andaman.		Not applicable Compliance: Not applicable Remarks: None
	f) One additional mechanized engine Dingy for the interisland movement including boatman, boat running and maintenance cost be included in the WII proposal. All three mechanized dingy (2 for forest dept and one for WII) to be exclusively dedicated to sea turtle research and monitoring.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	g) Holistic development will include data and recommendation from WII, ZSI, SACON and BSI studies in the deliberations and directions of the monitoring committee as stated in 3.10.3 (VI) and plans may be modified accordingly if found necessary in the interest of all species of sea turtles with focus of Leatherback Sea Turtle and other flora and fauna of GNI. Additional measures may be considered by the Committee if found essential.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	h) Zero nest predation approach must be ensured by the state forest department to achieve highest possible survival of Leatherback, Hawksbill, Olive Ridley and Green Sea Turtle. Community based nest monitoring and protection programme should be initiated from year 2022 nesting season. The budget for the same will be submitted by	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None

	state forest department to PP. This will be over and above the budget for WII proposal.		
	i) Domestic dog population control through sterilization to be explored with priority.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
	k) A&NFD will ensure implementation of conservation measures as recommended by WII.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
B.	Nicobar Megapod: The endemic Nicobar Megapod is a keystone species of Nicobar group of islands. From the enclosure no 17 provided by PP it is clear that about 51 active nests of Nicobar Megapod are present within the proposed project areas of which appx 30 will be permanently destroyed. In this context, the PP has submitted two proposals towards understanding of habitat utilization and microhabitat and conservation of remaining population of this endemic species in the Nicobar region. The approach and methodology for both is similar in nature. However, WII alongside the population monitoring also suggested disease prevalence study. After	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None

	<p>careful consideration, EAC suggested SACON and WII in close collaboration will undertake comprehensive studies and conservation measures for endemic Nicobar Megapod. Project tenure should be consistent with the holistic development plan for GNI and thus will be till the completion of the final phase of the same in the year 2052 and not limited to 10 years. Accordingly, SACON and WII shall submit two full proposals to PP with a copy to MoEF&CC and EAC within 15 days of grant of EC and CRZ clearance. The SACON will undertake studies for population ecology, meta populations, disease surveillance and translocation of endemic Nicobar Megapod and WII will study population genetics and Satellite tagging studies. SACON and WII is advised to develop full proposals with sufficient budgetary provisions and timeline. Based on the revised proposal sent by SACON and WII corresponding amount for first 5 years will be released by PP within 3 months of submission of proposal which would enable SACON and WII to undertake uninterrupted research and conservation interventions on endemic Nicobar Megapod. A&NFD will ensure implementation of conservation measures as recommended by SACON and WII. This cost is over and above the cost required by A&NFD. If any additional funds are required at a later stage or for post project development monitoring work,</p>		
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	those will be made available by PP to SACON. Accordingly, the Committee informed PP to revise the EMP provisions.		
C.	<p>Saltwater Crocodile: PP submitted the proposal by WII and A&N State Forest Department towards addressing issue of saltwater water crocodile conservation and conflict mitigation. Project tenure should be consistent with the holistic development plan for GNI and thus will be till the completion of the final phase of the same in the year 2052. Accordingly, WII and A&N Forest Department should revise the proposal with budget allocation and timeline and submit it to the PP with a copy to MoEF&CC and EAC within 15 days from the grant of EC and CRZ clearance. The Committee direct PP for the release the first five years budget payment to WII and A&N Forest Department for the study and conservation measures for Saltwater Crocodiles within 3 months from the grant of EC & CRZ Clearance. If any additional funds are required at a later stage or for post project development monitoring work, those will be made available by PP to WII. Accordingly, the Committee informed PP to revise the EMP provisions.</p>	Proposed EC & CRZ Condition after spilt: Applicable	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>
D.	Impact of invasive species on native flora: To understand the impact and to develop prevention of invasives in to the wild, a specific action plan is required. Accordingly, the Committee suggested that a detailed proposal consistent with the holistic development plan for GNI and thus will be	Proposed EC & CRZ Condition after spilt: Applicable	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks:</p>

	<p>till the completion of the final phase of the same in the year 2052 along with budgetary provisions shall be developed by Botanical Survey of India (BSI) and submitted to the PP with a copy to MoEF&CC and EAC within three months of grant of EC and CRZ clearance. The Committee direct PP for the release the first five years budget payment to BSI within three months from the grant of EC and CRZ clearance to undertake immediate work on this very important subject, develop robust guidelines in the first year and monitor the impact of invasives on native endemic and endangered flora as the project development progress. If any additional funds are required at a later stage or for post project development monitoring work, those will be made available by PP to BSI. Accordingly, the Committee informed PP to revise the EMP provisions. A&NFD will ensure implementation of conservation measures as recommended by BSI.</p>		None
E.	<p>Impact on inter-tidal flora and fauna: The ZSI report emphasize rich biodiversity of the inter-tidal region of GNI. Several parts of this region will be either directly reclaimed or used for other infrastructure such as road on stilts, and other permissible activities within CRZ. Accordingly, the Committee suggested that a detailed proposal consistent with the holistic development plan for GNI and thus will be till the completion of the final phase of the same in the year 2052 along with budgetary</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	<p>provisions shall be developed by Zoological Survey of India (ZSI) and submitted to the PP with a copy to MoEF&CC and EAC within 15 days of grant of EC and CRZ clearance. The Committee direct PP for the release the first five years budget payment to ZSI within three months from the grant of EC and CRZ clearance to undertake immediate work to undertake the detailed baseline documentation and further monitoring of the same during entire implementation phase of the holistic development plan. ZSI should also document shift in the inter-tidal community with each phase of the project is being implemented so as to understand the impact and develop mitigation strategies. Accordingly, the Committee informed PP to revise the EMP provisions. A&NFD will ensure implementation of conservation measures as recommended by ZSI.</p>		
F.	<p>Nicobar Macaque, Robber Crab and other endemic bird species of Great Nicobar: For conservation of Nicobar Macaque, Robber Crab and other endemic bird species of Great Nicobar the Committee suggested that a detailed proposal consistent with the holistic development plan for GNI i.e. till the completion of the final phase of the same in the year 2052 along with budgetary provisions shall be developed by SACON and submitted to the PP with a copy to MoEF&CC and EAC within 15 days of grant of EC and CRZ clearance. The Committee direct PP for the release the first five years</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	<p>budget payment to SACON within three months from the grant of EC and CRZ clearance to undertake detailed baseline documentation, conservation intervention and further monitoring of the same during entire implementation phase of the holistic development plan. Accordingly, the Committee informed PP to revise the EMP provisions. A&NFD will ensure implementation of conservation measures as recommended by SACON.</p>		
G.	<p>Mangrove Restoration: PP provided the Committee a proposal submitted by A&N forest department for the conservation and restoration of mangroves. EAC agreed to the proposal and directed PP to release the amount mentioned in the proposal to A&N state forest department within 3 months of grant of EC and CRZ.</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>
H.	<p>Coral translocation: Zoological Survey of India provided detailed plan for coral translocation with a budget of 55 Crore. EAC noted that the budget is only for 10 years while the project lifecycle is for 30 years. It also does not include several components that will be necessary for this complex work. Accordingly, the Committee advised ZSI to submit revised proposal with budget provisions to PP with copy to Ministry and EAC. Committee also direct ZSI to include translocation of endangered Giant Clams (Tridacnasp) in the same proposal with necessary budget provisions. Project tenure should be consistent with the holistic development plan for</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p> <p>Compliance: Noted, agreed and shall be complied.</p> <ul style="list-style-type: none"> Conservation & management plan for Coral Reefs for 30 years submitted by ZSI. The budget proposed for 30 years is Rs. 463.63 crores & first five years is Rs. 46.69 crores. Translocation of endangered Giant Clams (Tridacnasp) have been included in the proposal with budget provisions. Revised Environmental Management Plan submitted to MoEF&CC 	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	<p>GNI and thus will be till the completion of the final phase of the same in the year 2052 and not for 10 years. The Committee direct PP for the release the first five years budget payment to ZSI within three months from the grant of EC and CRZ clearance to undertake the uninterrupted work of preparation of new translocation sites and actual translocation of coral heads and giant clams (Tridacnasp) from 10 ha project impact areas as stated in the proposal before project work begins on ground. ZSI will maintain systematic data on translocated coral colonies with GPS tags to each colony to monitor its survival. The proposal may be finalized based on the EMP and consultation with PP. A&NFD will ensure implementation of conservation measures as recommended by ZSI.</p>	<p>with a copy to MHA vide letter dated 21.12.2023, 14.06.2024 and 07.08.2024.</p> <ul style="list-style-type: none"> MHA vide letter dated 27.03.2023 sanctioned Rs.88.69 crores towards first year of expenditure of Rs.83.60 crores for wildlife conservation plans Rs.2.58 crores for setting up of medical unit and Rs.2.51 crores for setting up of research station. <p>Remarks: None</p>	
I.	<p>Welfare of local tribal population of Shompen and Nicobaris: The project activities shall not disturb Shompen tribe and their habitations. Clear demarcation of the land shall be done for specific purpose of land use in the vicinity of project area such that habitations of the tribal shall not be intervene. Budgetary provisions for the same shall be made in the EMP report and expenditure in this regard shall be maintained on records. For the protection and safety purpose of community, security & surveillance mechanism shall be in place with geofencing cum surveillance towers nearby Tribal settlements. All the</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p> <p>Compliance: Noted, agreed and shall be complied.</p> <ul style="list-style-type: none"> Revised Tribal Welfare plan submitted by Tribal Welfare Department for 50 years period amounting to Rs. 75 crores after examining the overlapping with existing schemes submitted to MHA with a copy to MoEF&CC vide letter dated 14.06.2024. The said condition has been considered in the Tribal Welfare plan. Tribal welfare proposed Security & 	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	<p>considerations will be undertaken by Department of Tribal Welfare (DTW) as per the Andaman and Nicobar Islands (Protection of Aboriginal Tribes) Regulation, 1956. (Commonly known as PAT Regulation), Policy on Shompen Tribes. Accordingly, the Committee suggested that a detailed proposal for 50 years along with budgetary provisions shall be developed by Department of Tribal Welfare (DTW) and submitted to the PP. The Committee direct PP for the release the first 10 years budget payment to DTW within three months from the grant of EC and CRZ clearance to undertake immediate work and to undertake the detailed baseline documentation and further monitoring of the same during entire implementation phase of the holistic development plan. Accordingly, the Committee informed PP to revise the EMP provisions.</p>	<p>Surveillance for tribals which includes geofencing um surveillance towers which will be guarded 24 x7 x 365 to ensure no trespassing by the outsiders.</p> <p>Remarks: None</p>	
Other Specific Conditions:			
II.	<p>PP should construct all weather good quality two research stations within one year from the grant of EC and CRZ clearance (one each in Campbell Bay and Kamorta) with office space and accommodation facilities. Campbell station should have accommodation facility for 40 research team members (ten double occupancy rooms, and four dormitories) while Kamorta accommodation facility will be for 10 research team members (two double occupancy rooms, and two dormitories). PP will maintain at its own cost both the</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	research stations for the entire project duration. The research station will be exclusively used and shared by WII, BSI, SACON and ZSI teams and other invited scientists. In the meantime, PP will make arrangements of accommodation of researchers at their own cost through the provisions provided in the respective budgets.		
III.	WII will be overall in-charge of the station and will appoint a local person (through the funds allocated to them under various components) to oversee the smooth running of the above centres. WII should make adequate financial provision for the same in their proposals under overall administrative costs.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
IV.	After the completion of the project i.e. after 2052, the research station will be handed over to the A&N Forest Department and maintained by them and will be provided exclusively to the researchers involved with the biodiversity studies of the region and forest department staff for on ground conservation work.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
V.	PP will also separately provide funds to A&N forest department for complete oversee of the conservation and mitigation work, infrastructure and operation costs towards implementation of Leatherback Sea Turtle, Nicobar Megapod, Saltwater Crocodile management and other endemic flora and fauna conservation. Proposal for the same will be developed by A&N Forest Department. This amount will be over and above the cost recommended for WII	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None

	<p>(Leatherback Sea Turtle, Saltwater Crocodile related work and Nicobar Megapod); SACON (Nicobar Megapod, Nicobar Macaque, Robber Crab and other endemic bird species of Great Nicobar); Zoological Survey of India (for coral and Giant Clam translocation and restoration work, inter-tidal flora and fauna work); Botanical Survey of India (for invasive species related work); A&N Forest department (for mangrove restoration and supervision of work of WII, SACON, BSI and ZSI); and A&N Tribal Welfare Department (for welfare, protection and other measure for Shompen and Nicobarese). All these funds will be provided by the PP as stated in the specific conditions and within stated time stipulated from sr. no A to I upon receiving the EC and CRZ so that respective agencies can initiate uninterrupted conservation action, research and monitoring while the project is being implemented.</p>		
VI.	<p>Monitoring Committee: PP will establish three independent Monitoring Committees to oversee the implementation of Environmental Management Plan. Each committee must meet twice a year and undertake one site visit each year. The committees will take review of progress of work of respective areas and implementation of mitigation measures and advise further on its implementation. Minutes of the meetings, site visit reports by these committees and recommendation of the same</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	<p>will be included in the implementation plans of each institute and PP. Proceedings of each Committee will be uploaded on the A&N state forest department website under a specific link provide to the project at GNI. One committee will be to oversee the pollution related matters and measures and its implementation. Second committee is to oversee the implementation of biodiversity related conditions. Third committee will oversee welfare and issues related to Shompen and Nicobarese. Following specific composition of the committees are stipulated. The tenure of the committee will be till the completion of final phase of Holistic Development Plan. However, tenure of every individual expert in each of the Committee shall not exceed three years, and accordingly committees should be reconstituted every three years. The budget allocation of 10 Crore is provided to meet the expanses of the committee meetings. For the first three years following constitution is recommended:</p> <p>i. Committee to oversee pollution related matters – The Committee will be chaired by Member Secretary of State Pollution Control Board. The other members of the committee should include representative from CPCB, one national reputed expert each in the field of air, noise, water, solid waste and soil pollution. The committee will also include representative of Chief Wildlife Warden not below the rank of CF, representative of</p>		
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	<p>PP, representative of Niti Aayog, representative of collector, representative of disaster management unit, representative from Central/State- UT Ground Water Authority and one member of EAC-CRZ and Infra 1 Committee.</p> <p>ii. Committee to oversee biodiversity related matters – The Committee will be chaired by PCCF (WL) A & N Forest Department. The other members of the committee must include directors of WII, SACON, ZSI, and Botanical Survey of India, representative of PP, representative of Niti Aayog, representative of collector, Director, CSIR-National Botanical Research Institute, two independent and nationally recognized scientists in the field of terrestrial and marine biodiversity, Director-Deep Sea Mission of GoI and one member of EAC-CRZ and Infra 1 Committee with biodiversity expertise.</p> <p>iii. Committee to oversee welfare and issues related to Shompen and Nicobarese- The Committee will be chaired by the Collector. The other members of the committee should include Director – A & N Tribal Welfare Department, PCCF and HoFF- A&N, Director of department of health, two independent and nationally reputed individual experts on Shompen and Nicobarese, representative of PP, representative of Niti Aayog, representative of A&N Administration and one member of EAC-CRZ and Infra -1</p>		
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	Committee.		
VII.	<p>Western Flank of the Galathea Bay:</p> <p>Along the western flank of Galathea Bay no development will be allowed in Phase 1 and 2 of the projects except defence related infrastructure (pocket 10 in the master plan) or any activity that is strategic and national defence point of view important in nature. A buffer of 500 meters from HTL on both the sides of the flank shall be maintained in any case. Infrastructure related to Gas-based power plant as shown in the development plan (pocket 9) will be allowed. Institutional areas marked in pocket 9 and 10 will not be allowed at this location. It needs to be shifted within pocket 1 to 7. Tourism will not be permitted along the western flank of Galathea Bay in any phases. Pemayya Bay and all other Leatherback nesting sites on the western parts of GNI must remain no development zones as these sites are likely to be used by Leatherback Sea Turtles as alternate sites due to impact of ICTT at Galathea Bay. All major nesting beaches in Great Nicobar Islands including Alexandria Bay, Casuarina Bay, Pemayya Bay, Dogmar will be protected by establishing protection camp, sea turtle hatcheries and kept under 24X7 surveillance and monitoring from nesting till hatching season each year. No development and tourism will be allowed on these shores. Besides, in GNI nesting of Leatherback turtles also have been reported in East of Indira point, West of Indira Point,</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p> <p>Compliance: Not applicable</p> <p>Remarks: None</p>

	Koshindon, Laxmi Nagar, North of Alexandria, South of Alexandria, North of Dogmar, South of Dogmar, Pulo Bed, PuloKunji, re Pinsuot, Renhong, Safed Balu, Patatiyo and South of Galathea. These sites will be kept disturbance free with no tourism activity or infrastructure development. WII studies will provide further insight in to it and can be further incorporated in the management plan of Leatherback and other sea turtles at GNI.		
VIII.	No withdrawal of water from Galathea River is permitted. Galathea River must remain free of any recreational activity. No ground withdrawal of freshwater will be permitted. Drinking water will be exclusively augmented through two reservoirs proposed along with capacity augmentation of existing freshwater storage facilities at GNI.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
IX.	Construction activity shall be carried out strictly according to the provisions of the ICRZ Notification, 2019. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
X.	All the recommendations and conditions specified by the Andaman Nicobar Coastal Zone Management Authority (ANCZMA) vide letter dated 8th July, 2022 shall be complied with.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None

XI.	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974. The project proponent shall comply with the air pollution mitigation measures as submitted.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XII.	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XIII.	Necessary approvals to be taken during implementation and commissioning from statutory bodies concerned.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XIV.	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes and coastal geomorphology shall be conducted and mitigation measures like living shoreline carried out in line with conservation plan. The details shall be submitted along with the six-monthly monitoring report to the regional office of MoEF&CC.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None

XV.	No trees will be cut at one go. These will be done in phased manner and depending on the progress of the work on an annual basis. Plan for cutting of trees should be developed by PP and got approved from state forest department. All trees which are exceptionally tall and old in age shall be safeguarded, as far as possible. A&NFD will mark all such trees and submit the species wise list to the Ministry and EAC and the regional office of MoEF&CC before the infrastructure activities take place.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. • An area of 0.39 sq.km area proposed to be diverted for construction of power plant. Remarks: None
XVI.	Trees with nesting holes of endemic owls to be identified and geo- tagged with the help from SACON. Such trees shall be safeguarded, as far as possible.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Considered in the revised proposal submitted by SACON on comprehensive conservation plan for the endemic and tree cavity nesting birds of Nicobar Archipelago. Remarks: None
XVII.	Some of the township clusters seems to have several defence installations abutted by commercial and tourism infrastructure thus PP shall obtain the recommendations from the Ministry of Defence	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance:

	and as suggested by them buffer zone will be maintained in between the defence installation and township cluster, commercial and tourism infrastructure.		Not applicable Remarks: None
XVIII.	The arterial road shall be developed in a phased matter. In the first phase, 30 m ROW shall be utilized and developed and the balance 25 m ROW shall be reserved for future expansion for Bus Rapid Transit (BRT) or Light Rail Transit (LRT). Need for development of remaining 25 m RoW will be reviewed by the project monitoring committee on biodiversity before its construction and after full capacity utilization of 30m RoW and evaluation by CSIR-Central Road Research Institute (CRRI). During that period the 25 m RoW shall be maintained in “as it is” condition.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XIX.	In the western coast of Galathea Bay excluding the defence installation and power plant, a buffer area of 500 mts. from high tide line around Pemayya may be declared as Coastal Protection Area with no development within the area.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XX.	Safe wildlife corridors at eight (8) locations along the eastern side of the island connecting forest and seashore through via-ducts (elevated crossings) on the north south arterial road shall be provided. In addition to wildlife corridors, culverts and canopy crossings will be provided at appropriate locations for movement of wildlife. The chainage wise	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None

	locations of the wildlife corridors have been identified by ZSI and Department of Environment & Forest. The width of the corridor ranges from 250 m to 1100 m and the eastern side of the corridors towards the seashore would be maintained as green area. SACON and WII may further suggest additional corridors and canopy crossings based on the data available with them and proposed studies. Representative of A&FFD will physically monitor that the same are implemented as stipulated in the EIA/ EMP.		
XXI.	The Mangrove Conservation and Management Plan for Great Nicobar Island has been prepared by the Department of Environment and Forests, A&N Administration with the budget of Rs.7.5 crores for mangrove conservation and management as part of EMP. PP shall strictly implement the same. The conservation plan shall adhere the strategies to restore and revive the mangrove areas through ecological restoration and re-densification.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XXII.	No dredging activity should be taken in Rocky areas to avoid any type of Disaster. Dredge management plan with automatic monitoring sensors in port area, reclamation area to contain the impact of dredge spoil on marine ecosystem to be developed and to be overseen by nationally reputed institution such as NIOT or NIO.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XXIII.	All illumination for ICTT, Gas-based power plant and other infrastructure adjacent to sea turtle nesting areas must be	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	in conformity with international standards and sea turtle friendly. No other type of illumination would be permitted. WII will develop illumination policy for the entire infrastructure and PP will ensure its implementation.		Applicable Compliance: Noted and shall be complied. Remarks: None
XXIV.	Dredging, sea reclamation activity for ICTT should take into account nesting and hatching time of sea turtles. Also, it should be strictly following Dredging protocol and operational protocol as prepared by IUCN experts and Species Survival Commission's Marine Turtle Specialist Group and revision, scrutiny, and follow-up of the processing time to time as per the expert opinion.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XXV.	Movement of the ships within Galathea Bay once the ICTT is operational should take into account the movement of Leatherback Turtles. WII satellite data will aid ICTT operators to monitor movement and accordingly plan operations to avoid sea turtle collision risks. One scientist from WII and representative of A&NFD will be on boarded by ICTT operators for the environment monitoring cell as a part of their standard operating procedures. Adequate financial provisions be made by ICTT to meet the costs of both environmental cell and requirements of WII scientists including long term satellite tagging of Leatherback Sea Turtles.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XXVI.	Installation of deflectors to be done to clear turtles from the path of the suctioning equipment. Underwater	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	silt/sediment dispersal preventing curtains to be deployed to avoid deposition of silt on sandy shores.		Not applicable Compliance: Not applicable Remarks: None
XXVII.	PP must explore and use non-conventional sources of energy in the form of solar, wind or tidal energy to bridge the deficit, if needed.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XXVIII.	A & N administration should establish within six month a Special Medical Unit along with state of art infrastructure, medicines and qualified medical staff at GNI to monitor human induced diseases due to expected influx of large population both domestic and international. All mechanism must be in place to ensure that Shompen and Nicobarese are not exposed to the risks related to introduced diseases. SOP and Guidelines will be developed by the Special Medical Unit for the same within 6 months from the grant of EC&CRZ. A provision of 100 Crore is recommended and PP is advised to accordingly revise EMP and submit the same to the Ministry and EAC within 30 days from the grant of EC and CRZ. PP is also directed to make these funds available for A&N Administration within 3 months from grant of EC and CRZ. Any additional funds required will be provided through special provisions	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None

	by A&N Administration.		
XXIX.	Forest department will establish hatcheries to ensure minimum 90% survival of hatchlings with onset of coming nesting season for Leatherback and other sea turtles, as presented during the EAC. Systematic data will be maintained for the same and reported to the regional office of the Ministry on annual basis.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XXX.	The existing island human population should be protected and if needed, ensure to provide the compensation instead of their agricultural/ residential Lands. The census of local as well as population from mainland should be documented.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None
XXXI.	Optimum number (minimum 2) of road side monitors (CAAQMS) at appropriate distance from the kerb of the road shall be fixed following the CPCB criteria to monitor biogenic VOCs, NOx and PM2.5.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XXXII.	Disposal of hazardous waste material would not be allowed in GNI including batteries, pesticides, organochlorines etc.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XXXIII.	The waste generated during construction and operation period of the project shall be managed as per the prevailing	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	<p>regulations on management of solid waste, plastic waste, e-waste, bio-medical waste, C&D waste and hazardous wastes issued in 2016 by the Ministry. The waste shall be segregated and should be recycled/reused as per the regulatory provisions. No Municipal Landfills will be allowed in GNI. All rejects after the recycle/reuse of waste must be transported to mainland for its safe disposal. A separate application for TSDF shall be made to the Ministry in case of establishment of TSDF at GNI.</p>		<p>Applicable Compliance: Noted and shall be complied. Remarks: None</p>
XXXIV.	<p>For the first 5 years (Phase-I) of the project, power demand shall be met through Diesel Generators (DG). Phase I of project shall include construction and commissioning of 50MVA gas-based power plant and floating solar power plant in water reservoirs. The combined installed capacity to 90 MVA through diesel and gas-based power will further be augmented by 20 MVA through first phase of solar power from 6th year. During 10-15 years (Phase-II), the power generation shall be augmented to 220 MVA by increasing the installed capacity of Gas based power plant to 150 MVA and increasing the Solar power generation by additional 50 MVA taking total Solar power generation to 70 MVA. During 15 – 30 years (Phase III) the Gas based power plant capacity shall be increased to 300 MVA and Solar power plant shall be augmented to 100 MVA.</p>	<p>Proposed EC & CRZ Condition after spilt: Not applicable</p>	<p>Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None</p>

XXXV.	Additional storage facility for 7000 kl fuel, 4 ha of additional land at GNI has been provided considering the existing fuel storage capacity is inadequate to cater to increased fuel demand during construction. The area for the storage and hazard mitigation measures as stated in the revised EIA-EMP be followed strictly.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Said condition related to Township.
XXXVI.	All the facilities such as port, powerplant and township etc., to be designed to withstand seismic and Tsunami hazard and detailed plan should be submitted to monitoring committee.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
XXXVII.	As stated by PP, a total number of 102 active mounds of Nicobar Megapode and their locations in GNI have been mapped by ZSI. Out of the 102 mounds, only 19 mounds are falling in the project area. Further, it is seen that several mounds are falling in the green area of the development and the same will be protected. SACON will thoroughly map exact locations of all such mounds falling in the green areas of development and A&N forest department will ensure that these are not disturbed during project development and accordingly advised to define safe buffer areas as advised by SACON for each mound and to be designated as NDZs.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None.
XXXVIII.	A&N Administration should develop tourism policy for GNI considering ecological sensitivities of the island. The	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	tourism development will be guided by the GNI Tourism Policy. PP has to ensure that tourism development is consistent to this policy.		Not applicable Compliance: Not applicable Remarks: None.
XXXIX.	PP will establish a modern nature and science information centre at GNI in consultation with National Council of Science Museum, Kolkata (NCSM) an autonomous society under the Ministry of Culture, Government of India. PP is advised to write to NCSM seeking further assistance and develop a full proposal within 3 months from grant of EC&CRZ. All costs necessary for developing the centre will be made available by PP. The centre can also act as capacity building for operators of various infrastructure components of GNI holistic development. Accordingly, the Committee informed PP to revise the EMP provisions.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None.
XL.	Use of vehicles or any recreational means on Sea Turtle nesting beaches will be strictly prohibited. Such beaches will be clearly marked as no-use zones by A&NFD. These will also be included in the Tourism Policy of GNI.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None.
XLI.	Three new sanctuaries are notified by A&N administration as follows towards mitigation measures. It will be ensured that these remains as sanctuaries with no further scope of denotification for any purposes. a. Leatherback turtle sanctuary of 13.75 sq.km at Little Nicobar Island b. The entire Menchal Island of 1.29 sq.km as a Megapode Sanctuary. c. The	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: None.

	entire Meroe Island of 2.73 sq.km as a Coral Sanctuary.		
XLII.	The recommendation from Standing Committee of NBWL under the Wildlife (Protection) Act, 1972 should be obtained, if applicable.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Complied. The project does not fall in any of the wildlife sanctuaries /National Parks in Great Nicobar Island namely Galathea National Park, Campbell Bay National Park or their notified eco-sensitive zones. Remarks: None.
Standard Conditions:			
A.	International Container Transshipment Terminal (ICTT):		
i.	Construction activity shall be carried out strictly according to the provisions of ICRZ Notification, 2019 and the Coastal Zone Management Plan as drawn up by the State/UT Government. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
ii.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by		

	project proponents from the respective competent authorities.		
II.	Air quality monitoring and preservation:		
i.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the project area at least at four locations, covering upwind and downwind directions.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
ii.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.		
iii.	Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.		
iv.	Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.		
v.	The Vessels shall comply the emission norms prescribed		

	from time to time.		
vi.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.		
III.	Water quality monitoring and preservation:		
i.	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
ii.	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality. Silt curtains shall be used to contain the spreading of suspended sediment during dredging within the dredging area.		
iii.	No ships docking at the proposed project site will discharge its on- board waste water untreated in to the estuary/ channel. All such wastewater load will be diverted to the proposed Effluent Treatment Plant of the project site.		
iv.	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.		
v.	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent		

	authority shall be obtained for use of fresh water.		
vi.	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the public sewer/ disposal/drainage systems along with the final disposal point should be obtained.		
vii.	No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.		
viii.	All the erosion control measures shall be taken at water front facilities. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.		
IV.	Noise monitoring and prevention:		
i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
ii.	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment's.		
iii.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.		
iv.	The ambient noise levels should conform to the		

	standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.		
V.	Energy Conservation measures:		
i.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
ii.	Provide LED lights in offices and project areas.		
VI.	Waste Management:		
i.	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six-monthly monitoring reports.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
ii.	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.		
iii.	The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.		
iv.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.		
v.	A certificate from the competent authority handling		

	municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.		
vi.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.		
vii.	Oil spill contingency plan shall be prepared and part of DMP to tackle emergencies. The equipment and recovery of oil from a spill would be assessed. Guidelines given in MARPOL and Shipping Acts for oil spill management would be followed. Mechanism for integration of terminals oil contingency plan with the overall area contingency plan under the co-ordination of Coast should be covered.		
VII.	Greenbelt:		
i.	Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable
ii.	Top soil shall be separately stored and used in the development of green belt.		Compliance: Not applicable Remarks: Related to ICTT
VIII.	Marine Ecology:		
i.	Dredging shall not be carried out during the fish breeding and spawning seasons.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable
ii.	Dredging, etc. shall be carried out in the confined manner to reduce the impacts on marine environment.		Compliance: Not applicable
iii.	The dredging schedule shall be so planned that the turbidity developed is dispersed soon		Remarks: Related to ICTT

	enough to prevent any stress on the fish population.		
iv.	A detailed marine biodiversity management plan shall be prepared through the NIO or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity and submitted to and implemented to the satisfaction of the State Biodiversity Board and the CRZ authority. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, sub-tidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standards survey methods and include underwater photography.		
v.	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components including all micro, macro and mega floral and faunal components of marine biodiversity.		
vi.	The project proponent shall ensure that water traffic does not impact the aquatic wildlife sanctuaries that fall along the stretch of the river.		
B.	Township & Area Development:		
I.	Statutory Compliance:		
i.	The project proponent shall obtain all necessary clearance/	Proposed EC & CRZ Condition after spilt:	Proposed EC & CRZ

	permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Applicable	Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.		
iii.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
iv.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
v.	The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.		
vi.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective		

	competent authorities.		
vii.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.		
viii.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.		
II.	Air quality monitoring and preservation:		
i.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.		
iii.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.		
iv.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in		

	consultation with State Pollution Control Board.		
v.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.		
vi.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.		
vii.	Wet jet shall be provided for grinding and stone cutting.		
viii.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.		
ix.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.		
x.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise		

	emission standards.		
xi.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.		
xii.	For indoor air quality the ventilation provisions as per National Building Code of India.		
III.	Water quality monitoring and preservation:		
i.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.		
iii.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.		
iv.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional		

	Office, MoEF&CC along with six monthly Monitoring reports.		
v.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.		
vi.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.		
vii.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.		
viii.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets taps aerators etc) for water conservation shall be incorporated in the building plan.		
ix.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.		
x.	Water demand during construction should be reduced by use of pre-mixed concrete,		

	curing agents and other best practices referred.		
xi.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.		
xii.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built- up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.		
xiii.	All recharge should be limited to shallow aquifer.		
xiv.	No ground water shall be used during construction phase of the project.		
xv.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.		
xvi.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to		

	monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.		
xvii.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.		
xviii.	No sewage or untreated effluent water would be discharged through storm water drains.		
xix.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.		
xx.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.		
xxi.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban		

	Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.		
IV.	Noise monitoring and prevention:		
i.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	Noise monitoring and preservation: Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.		
iii.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.		
V.	Energy Conservation measures:		
i.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	Outdoor and common area lighting shall be LED.		

iii.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.		
iv.	Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.		
v.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.		
vi.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.		
VI.	Waste Management:		
i.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.		Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.		
iii.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.		
iv.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.		
v.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.		
vi.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.		
vii.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other		

	environment friendly materials.		
viii.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.		
ix.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.		
x.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.		
VII.	Green Cover:		
i.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.		

VIII.	Transport:		
i.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Township
ii.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.		
iii.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the		

	P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.		
C.	450MVA Gas and Solar based power plant:		
I.	Statutory Compliance:		
i.	Part C of Schedule II of Municipal Solid Wastes Rules, 2016 dated 08.04.2016 as amended from time to time shall be complied for power plants based on Municipal Solid Waste.	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Power Plant	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ii.	The recommendation from Standing Committee of NBWL under the Wildlife (Protection) Act, 1972 should be obtained, if applicable.		
iii.	No Objection Certificate from Ministry of Civil Aviation be obtained for installation of requisite chimney height and its siting criteria for height clearance.		
iv.	Groundwater shall not be drawn during construction of the project. In case, groundwater is drawn during construction, necessary permission to be obtained from CGWA.		
II.	Air Quality Monitoring and Preservation:		
i.	Stacks of prescribed height shall be provided with continuous online monitoring instruments for SOX, NOx and Particulate Matter as per extant rules.	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Power Plant	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ii.	Exit velocity of flue gases shall not be less than 20-25 m/s. Mercury emissions from stack shall also be monitored periodically.		
iii.	Continuous Ambient Air Quality monitoring system shall be set up to monitor common/criteria pollutants		

	from the flue gases such as PM10, PM2.5, SO2, NOX within the plant area at least at one location. The monitoring of other locations (at least three locations outside the plant area covering upwind and downwind directions at an angle of 120° each) shall be carried out manually.		
iv.	Appropriate Air Pollution Control measures (DEs/DSs) be provided at all the dust generating sources including sufficient water sprinkling arrangements at various locations viz., roads, excavation sites, crusher plants, transfer points, loading and unloading areas, etc.		
III.	Noise Pollution and its Control Measures:		
i.	The Ambient noise levels shall meet the standards prescribed as per the Noise Pollution (Regulation and Control) Rules, 2000.	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ii.	Persons exposed to high noise generating equipment shall use Personal Protective Equipment (PPE) like earplugs/ear muffs, etc.	Remarks: Related to Power Plant	
iii.	Periodical medical examination on hearing loss shall be carried out for all the workers and maintain audiometric record and for treatment of any hearing loss including rotating to non-noisy/less noisy areas.		
IV.	Human Health Environment:		
i.	Bi-annual Health check-up of all the workers is to be conducted. The study shall take into account of chronic exposure to noise which may lead to adverse effects like increase in heart rate and blood pressure, hypertension and peripheral vasoconstriction and thus increased peripheral	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Power Plant	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks:

	vascular resistance. Similarly, the study shall also assess the health impacts due to air polluting agents.		None
ii.	Baseline health status within study area shall be assessed and report be prepared. Mitigation measures should be taken to address the endemic diseases.		
iii.	Impact of operation of power plant on agricultural crops, large water bodies (as applicable) once in two years by engaging an institute of repute. The study shall also include impact due to heavy metals associated with emission from power plant.		
iv.	Sewage Treatment Plant shall be provided for domestic wastewater.		
V.	Risk Mitigation and Disaster Management:		
i.	Storage facilities for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made as per the extant rules in the plant area in accordance with the directives of Petroleum & Explosives Safety Organization (PESO). Sulphur Content in the liquid fuel should not exceed 0.5%.	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to Power Plant	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ii.	Ergonomic working conditions with First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.		
iii.	Safety management plan based on Risk Assessment shall be prepared to limit the risk exposure to the workers within the plant boundary.		
iv.	Regular mock drills for on-site emergency management plan and Integrated Emergency Response System shall be developed for all kind of		

	possible disaster situations.		
D.	Public Hearing and Human Health Issues:		
i.	The work space shall be maintained as per international standards for occupational health and safety with provision of fresh air respirators, blowers, and fans to prevent any accumulation and inhalation of undesirable levels of pollutants including VOCs.	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ii.	Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
iii.	In case of repair of any old vessels, excessive care shall be taken while handling Asbestos & Freon gas. Besides, fully enclosed covering should be provided for the temporary storage of asbestos materials at site before disposal to CTSDP.	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: Related to ICTT	Proposed EC & CRZ Condition after spilt: Not applicable Compliance: Not applicable Remarks: Related to ICTT
iv.	Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
v.	Emergency preparedness plan based on the Hazard	Proposed EC & CRZ Condition after spilt:	Proposed EC & CRZ

	identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Applicable Compliance: Noted and shall be complied. Remarks: None	Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
vi.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
vii.	Occupational health surveillance of the workers shall be done on a regular basis.	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
E.	Environment Responsibility:		
i.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None

	forest/ wildlife norms/ conditions and/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.		
ii.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six-Monthly Compliance Report.		
iii.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.		
F.	Miscellaneous:		
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt:

	local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.		Applicable Compliance: Noted and shall be complied. Remarks: None
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
iv.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
v.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
vi.	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks:

			None
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and shall be complied. Remarks: None
x.	No further expansion or modifications in the project shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Proposed EC & CRZ Condition after spilt: Applicable	Proposed EC & CRZ Condition after spilt: Applicable Compliance: Noted and
xi.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.		agreed. Remarks: None
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the		

	above conditions is not satisfactory under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.		
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.		
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/ monitoring reports.		
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.		
xvi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal		

	Act, 2010.		
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