

**File No.: 10/17/2021-IA.III**  
**[Proposal No. IA/AN/NCP/260108/2021]**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

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Indira Paryavaran Bhawan,  
JorBagh Road, Ali Ganj  
New Delhi – 110 003  
4<sup>th</sup> November, 2022

To,  
The General Manager  
**M/s ANIIDCO Ltd**  
Vikash Bahwan, PO 180 Port Blair, Port Blair,  
Andamans, Andaman and Nicobar-744101.

**Subject: Development of Greenfield International Airport (4000 Peak Hour Passengers-  
PHP) at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands  
Integrated Development Corporation Ltd – Environmental Clearance and CRZ  
Clearance-reg.**

Sir,

This has reference to your online proposal submitted to this Ministry on 07.03.2022 seeking Environmental Clearance for aforementioned project as per the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and subsequent amendments under the Environment (Protection) Act, 1986.

2. The abovementioned proposal was earlier considered in the 293<sup>rd</sup> meeting of EAC held on 24<sup>th</sup> – 25<sup>th</sup> March, 2022 and again in the 297<sup>th</sup> meeting of EAC held on 24<sup>th</sup> – 25<sup>th</sup> May, 2022. Based on the reply submitted to the queries raised by the EAC, the proposal is again placed in the instant 306<sup>th</sup> meeting of EAC held on 22<sup>nd</sup> – 23<sup>rd</sup> August, 2022.
3. The project proponent along with the EIA Consultant M/s Vimta Labs and M/s AECOM India Pvt Ltd made a presentation and provided the following information:-
4. Andaman and Nicobar Islands Integrated Development Corporation Limited (ANIIDCO) propose Holistic Development of Great Nicobar Island in Andaman and Nicobar Islands. 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.
5. As a part of Holistic Development of Great Nicobar Islands, 'Greenfield International Airport (4000 Peak Hour Passengers-PHP) at Gandhi Nagar Shastri Nagar area of Great Nicobar Island Gandhi Nagar Shastri Nagar area of Great Nicobar Island', will be developed as a joint military-civil, dual-use airport, under the operational control of Indian Navy. This project is for Defence, Strategic, National Security, and Public Purpose. Ministry of Home Affairs vide letter no. 15020/10/2022 dated 30th March, 2022 mentioned that the Greenfield International Airport proposed at Gandhi Nagar Shastri Nagar area of Great Nicobar Island as part of the Integrated development of the Island,



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- will be developed as a joint military-civil, dual-use airport, under the operational control of Indian Navy.
6. The proposed project fall under 7(a) Airport Project; Category 'A' Scheduled to the EIA Notification, 2006. The international airport can be developed over a 5-year period, including one year for procurement. The cost of the Airport is estimated at Rs. 10,35,900 lakhs.
  7. The proposal was granted Terms of reference (ToR) by MoEF&CC vide letter no.10/17/2021-IA.III dated 25th May, 2021.
  8. The proposed Project site is not connected through any road. Currently, the access is through sea and air route only. Approach roads shall be developed within the Islands.
  9. The total area required for the proposed is 845 ha. The proposed Project site is in not connected through any road. Currently, the access is through sea and air route only. Approach roads shall be developed within the Islands. The extent of the most part proposed airfield falls under revenue land; however, there is some forest land will also be included.
  10. The entire air side facilities (run way, taxiways, navigational aids, aprons, infrastructure including water/waste water, recycle water, renewable energy provisions ect) will be constructed completely in the initial phase of project for handling of 2 million passenger. The extension of terminal building to augment passenger capacity to 5 million will be undertaken at a later stage after assessment based on the development and demand on the island.
  11. Total 1 MLD of water would be required for the proposed airport project. The total requirement of water during operational phase will be met from the overall supply by Town planning. The waste water generated will be 789KLD which will be treated in STP and will be reuse for gardening.
  12. Waste management: The waste water generated will be 400 KLD which will be treated in STP. The estimated solid concentration is about 1000 mg/l. The sludge quantity will be about 65 kg/day will be used as manure for greenbelt development. The total solid waste generated will be 300kg/day from Airport Terminal. Solid waste will be taken from the premises by municipality for disposal. Garbage and food waste will be segregated for recovery of recyclable material. Waste will be transferred to the integrated solid waste facility for treatment and disposal. The solid waste will be managed by Solid Waste (Management & Handling), Rules 2016; Hazardous Waste (Management & Handling) Rules 1989 and its amendments.
  13. Water Bodies & impact on Drainage: Magar Nala is near Govind Nagar and Matai Nala Near Gandhi Nagar. No major drainage channels/ water bodies are being blocked/ impacted by proposed development. All major water channels/ nalas/ drains are being conserved and are part of green land use within the proposed land use plan.
  14. Rain Water Harvesting: Rainwater harvesting shall be mandated as part of development control regulations to be formulated at the stage of finalization of master plan post EIA and CRZ approval. Buildings/ Development within the proposed project area shall have appropriate provision for rainwater harvesting techniques in confirmation with approved development control regulations. This shall be regulated during building plan approval stage.
  15. Diversion of forest land: In-principle Approval/Stage-I Forest clearance over an area of 130.75 Sq. Km (121.87 Sq. Km of forest land and 8.88 Sq. Km of deemed forest land) in three phases has been accorded in favour of Andaman and Nicobar Islands Integrated Development Corporation(ANIIDCO) by the MoEF&CC vide letter no.8-22/2020-FC dated 27<sup>th</sup> October, 2022.



16. Revised ICRZ recommendations have been received via letter 'No.PCCF/EPA/1/Vol-XVI/154, Andaman & Nicobar administration, Department of Environment and Forests, PCCF (CRZ&FC) / nodal officer, FCA&MS, A&NCZMA/ Van Sadan, Haddo, Port Blair, Dated 8<sup>th</sup> July, 2022.
17. The project site is within 10 kms radius of Galathea Bay National Park and Campbell Bay National Park. The project site is outside the Ecologically Sensitivity Zone (ESZ) notified around these 2 National Parks. Three (3) new wildlife sanctuaries have been identified at Little Nicobar, Menchal and Meroe Islands for conservation and protection of Leatherback turtles, Megapode and Corals respectively and Ministry of Home Affairs (MHA) accorded approval on 21.03.2022 for new wildlife sanctuaries to be created. The details are: 1. Leatherback turtle sanctuary of 13.75 sq.km at Little Nicobar Island, 2. The entire Menchal Island of 1.29 sq.km as a Megapode Sanctuary, 3. The entire Meroe Island of 2.73 sq.km as a Coral Sanctuary.
18. As per the study total 71 species under 12 orders and 25 families were recorded from Great Nicobar Island including 35 species from Campbell Bay National Park, 32 species from Galathea Bay, 46 species from Campbell Bay, 35 species from Afra Bay, 31 species from Kopen Heat and 27 species from Indira Point. The study also mentioned a total of 13 endemic species from the study areas of Great Nicobar Island. In the said report also mentioned that the IUCN Red List status was also checked for these species which included 60 species under Least Concern (LC) followed by 8 species under Near Threatened (NT), 2 species under Vulnerable (VU) category whereas one species was not evaluated. The local occurrence of these 71 species was evaluated which indicated 26 species as resident with local migrant (R/LM), 22 species as winter migrant (WM), 21 species as resident (R), 1 species as passage and winter migrant, and 1 species as (R/WM).
19. Baseline environmental monitoring has been carried out in winter season ( December 2020 to February 2021). The ambient air quality was found to be within the NAAQ standards. Wind analysis has been carried out for a period of 20 years and based on the analysis it is noted that Predominant wind directions are south-west and north-east.
20. Power requirement: Total power load estimation for Great Nicobar Island International Airport is about 10,000 KVA (approx.) or 10 MVA. Out of which part will be met by the DG sets of 2 x 5 MVA each and part will be met from solar park of 1,33,200 Sq m that is being planned which is likely to generate 0.8 KW/sqm which will be established along with the construction of the International Airport. All the electrical HT & LT cables will be laid underground and as per the stipulations of CPWD specifications. Supply installation testing and commissioning of 1 KW peak grid connected ground mounted solar power plant is proposed within the airport premises.
21. Level controllers will be provided in all day oil tanks to ensure that the refilling of the day oil tanks is automatic. The overflow from day oil tanks will be fed back to the bulk storage tanks. This will prevent accidental overflow of HSD in the DG area.
22. Energy conservation: List of materials to be used for construction will be decided at the details design stage. However, the design will follow Energy conservation building code (ECBC 2017), Indian Green Building Council (IGBC) guidelines and Code of green buildings by Council of Architecture (COA).
23. Hazardous waste like used oil, insecticide/ herbicides, paints, solvents, lubricants etc. would be generated from the project, the same hazardous substances will be securely stored at site before transportation, Double chamber Incinerator has been proposed to treat the possible hazardous waste generated from Port, Airport, Power plant and the Township.

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24. In case of Airport reclamation, there is no CRZ IA involved and the area involved in ICRZIB is 0.33 sq.km, 0.04 sq.km in NDZ of ICRZ III, 0.32 sq.km in ICRZ IV B and 0.02 Sq.Km in ICRZ IV B. The proposed activities are permissible in ICRZ area as per the ICRZ notification 2019 as the green field Airport project is notified as defence, strategic, National Security, and Public purpose and accordingly, ANCZMA recommended the project with revised ICRZ area involved in the project as above.
25. The site is approx. 4000 m long, running along a flat open patch at an average elevation of 3 to 20 m above MSL. The site is dominated by a 100 m high ridgeline on the West and has two isolated knolls on the East. The present proposal does not include construction of Jetties. If Jetties are required, then necessary statutory clearances shall be obtained along with separate environmental and CRZ clearance.
26. The present proposal does not include construction of Jetties. If Jetties are required, then necessary statutory clearances shall be obtained along with separate environmental and CRZ clearance. No marine disposal is involved in the proposed project.
27. Land acquisition and R&R issues: Total land acquisition required for project is approximately 421.57 ha. Total families affected is 379 and total affected population is 1761.
28. While considering the proposal of sustainable development of Great Nicobar Island, the administration has consented in principal that (a) The project will not disturb or displace any Shompen/Nicobari tribal or their habitation, (b) There will be a clear demarcation of land so that there is no scope of conflict that would arise in future, (c) Habitat rights of the tribal will be taken care of as per the Forest rights Act. These has also been considered while making Environmental Impact Assessment (EIA). The Shompens will be eligible under the FRA, 2006 and the RFCTLARR, 2013 for compensation for the loss of their habitat (if any). A fair compensation will be devised and compensatory package would be developed exclusively and in addition to the resources already available, for the welfare and development of Shompen, while ensuring that their survival as a community, unique identity, culture and heritage.
29. Public Hearing was conducted on 27.01.2022 at Community Hall, Gram Panchayat, Campbell Bay, Great Nicobar.
30. Details of Court cases:
- i. Name of the Court(Supreme Court, High Court, NGT) One(1) case at Civil Judge Junior Division, Campbell Bay, Two(2) cases at Addl.District Judge, Port Blair and one(1) case at Hon'ble Court of Calcutta circuit bench at Port Blair.
  - ii. Case No. Suit No.1 of 2021(Bose Barla Vs Admn.), Suit No.02 of 2018(Anburoja vs Admn.), Suit No.11of 2018(Kamble vs Admn) and W>P No.313 of 2019(Shri M.Muthualagu vs A&N Admn.)
  - iii. Case Details:  

Case 1: Regularization/allotment of plaintiff's encroachment over a portion of government land bearing Survey No129/P measuring an Area of 0.0200 hectres Campbell bay.

Case 2: Allotment of Tsunami permanent Shelter at Campbell Bay.

Case 3: Regularization/allotment of plaintiff's encroachment over a portion of government land bearing Survey No 47/P at Laxmi Nagar.

Case 4: Allotment of Tsunami permanent Shelter at Campbell Bay Tehsil.
31. Employment Potential for integrated project: The total manpower required during construction phase would be approx. 1100 personnel including officials, residential

- labour and daily wage labourers. During the operational phase, the total airport staff would be approx. 500 officials including security, airport staff and essential duties.
32. Benefits of the Project: **Strategic benefits:-** Strong presence in Indian Ocean Region to counter the pressure being built by foreign powers growing presence. Capturing the Strategic location to develop a new Economic hub in India Ocean region. Improving connectivity with Indian mainland and other global cities.
  33. The EAC, taking into account the submission made by the project proponent and noting that the green field airport is notified as Defence, Strategic, National Security, and Public purpose under overall control of Indian Navy, had a detailed deliberation in its 306<sup>th</sup> meeting during 22<sup>nd</sup> – 23<sup>rd</sup> August, 2022 and recommended the proposal for grant of Environmental and CRZ clearance with the specific conditions, as mentioned below, in addition to all standard conditions applicable for such projects:
  34. 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 other co-opted members of Infra-2 EAC, members of Thermal EAC and NDS Committee) and hereby decided to grant Environmental Clearance and CRZ Clearance for the “Greenfield International Airport (4000 Peak Hour Passengers-PHP) at Gandhi NagarShastri Nagar area of Great Nicobar Island’, to be developed as a joint military-civil, dual-use airport, under the operational control of Indian Navy, under the EIA Notification, 2006 and ICRZ Notification, 2019 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects. This project is for Defence, Strategic, National Security, and Public Purpose to be implemented by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd”.

#### **A. SPECIFIC CONDITIONS**

- i. 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.
- ii. All the recommendations and conditions specified by the Andaman Nicobar Coastal Zone Management Authority (ANCZMA) vide letter dated 8<sup>th</sup> July, 2022 shall be complied with.
- iii. The project proponent shall provide for adequate fire safety measures and equipment as per National Building Code/required by Fire Service Act of the State and instructions issued by the local Authority/Directorate of fire, from time to time. Further, the project proponent shall take necessary permission/NOC regarding fire safety from Competent Authority as required.
- iv. The project proponent shall obtain all necessary clearance/ 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.
- v. Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, gardening, DG & HVAC Cooling and misc. purposes.

  
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- vi. The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.
- vii. 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. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The waste generated during construction and operation period of the project shall be managed as per the prevailing 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
- viii. A separate application for TSDF shall be made to the Ministry in case of establishment of TSDF at GNI.
- ix. All the facilities at the airport to be designed to withstand seismic and Tsunami hazard and detailed plan should be submitted to monitoring committee.
- x. All the measures to reduce noise levels during the construction phase at the Airports, has to conform to the stipulated standard of CPCB/SPCB.
- xi. SACON in collaboration with bird hazard cell of Indian Air Force will undertake Bird Hazard risk assessment studies using state of art technology. The hazard mitigation measures as suggested under the study will be integrated in the airport management and operational procedures. The studies and mitigation measures must be implemented before the flight operations begin at the airport. Proposal in this regard from SACON including satellite tagging of select species of birds, habitat studies, bird species enumeration and habitat management strategies and bird hit prevention plans shall be submitted to the PP within 15 days from the issue of EC & CRZ clearance. The scope of the project should be minimum 10 years which will include atleast 5 years of an operational phase. PP will provide funds for first five years to SACON within 3 months to urgently start bird hazard related studies as this is the key component for air safety.
- xii. WII and SACON has been provided funds separately under ICTT and town planning components to suggest mitigation measures for endemic Nicobar Megapod and Salt-water Crocodile. The recommendation from WII and SACON should be integrated in the biodiversity management plans of the airport.
- xiii. SACON will assist airport operators in wildlife management within airport premises. Adequate funds required for this to be made available to SACON by PP.
- xiv. No withdrawal of water from Galathea River is permitted. Galathea River must remain free of any recreational activity

#### **Monitoring Committee**

- xv. PP will establish an independent Monitoring Committee to oversee the implementation of Environmental Management Plan. The Committee will 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. Following specific composition of the committee is stipulated. The tenure of the committee will be till the completion and first five years of operations of the Airport. PP shall issue necessary orders for the constitution of the Committee with sufficient budget provisions. The composition of the Committee will be as follows;

The Committee will be chaired by the representative of Ministry of Defence as designated by MoD. The other members of the committee should include representative from CPCB, Chief Wildlife Warden of A&N, representative of bird hazard cell of Indian Air Force, representative of Indian Navy, representative of Niti Aayog, representative of Collector, representative of disaster management unit, representative of Airport Authority of India, Director of SACON, Director of ZSI and Director of WII.

## **B. STANDARD CONDITIONS:**

- i. 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.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
- 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.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. 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.

### **I. 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., PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the airport area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- ii. 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. 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.
  - iv. Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet
  - v. The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
  - vi. Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.
  - vii. The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.

## II. **Water quality monitoring and preservation:**

- i. Run off from chemicals and other contaminants from aircraft maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the State Pollution Control Board.
- ii. Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.
- iii. The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.
- iv. Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.
- v. Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
- vi. 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.
- vii. Sewage Treatment Plant shall be provided to treat the wastewater generated from airport. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression
- viii. 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.
- ix. A detailed drainage plan for rain water shall be drawn up and implemented.



**III. 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.
- 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. During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- v. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.

**IV. Energy Conservation measures:**

- i. Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

**V. Waste management:**

- i. Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical).
- ii. The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986.
- iii. Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition 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. The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of:
  - a. Trash collected in flight and disposed at the airport including segregation, collection and disposed.
  - b. Toilet wastes and sewage collected from aircrafts and disposed at the Airport.
  - c. Wastes arising out of maintenance and workshops
  - d. Wastes arising out of eateries and shops situated inside the airport complex.
  - e. Hazardous and other wastes
- vi. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals



and offices), wood, waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out. Solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended.

- vii. 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.
- viii. 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.

#### VI. **Green Belt:**

- i. Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.
- ii. Top soil shall be separately stored and used in the development of green belt.

#### VII. **Public hearing and Human health issues:**

- i. Construction site should be adequately barricaded before the construction begins.
- ii. Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized.
- iii. Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates.
- iv. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- v. 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.
- vi. Occupational health surveillance of the workers shall be done on a regular basis.

#### VIII. **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.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of 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.
- 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.

- 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.
- v. 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 / forest / wildlife norms / conditions and / or shareholder's / 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.
- vi. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- vii. 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.
- viii. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- ix. 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.
- x. The criteria pollutant levels namely; PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xi. 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.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. 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.
- xiv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xv. 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.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. 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.

 11

- xix. 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/NGT and any other Court of Law relating to the subject matter.
- xx. 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.

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

  
(Amardeep Raju)  
Scientist-E

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. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.

  
(Amardeep Raju)  
Scientist-E



Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

To,

The General Manager

ANDAMAN AND NICOBAR ISLANDS INTEGRATED DEVELOPMENT  
CORPORATION

ANIIDCO Ltd Vikash Bahwan, PO 180 Port Blair, Andamans, Andaman and  
Nicobar-744101

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the Ministry vide proposal number  
IA/AN/NCP/260108/2021 dated 07 Mar 2022. The particulars of the environmental  
clearance granted to the project are as below.

- |   |   |
|---|---|
| 1. EC Identification No.                      | EC22A033AN125767  |
| 2. File No.                                   | 10/17/2021-IA-III   |
| 3. Project Type                               | New   |
| 4. Category                                   | A   |
| 5. Project/Activity including<br>Schedule No. | 7(e) Ports, Harbours  |
| 6. Name of Project                            | Environmental and CRZ Clearance<br>Integrated development of International<br>Container Transshipment Terminal (ICTT)-<br>14.2 Million TEU along with Greenfield<br>International Airport (4000 Peak Hour<br>Passengers-P |
| 7. Name of Company/Organization               | ANDAMAN AND NICOBAR ISLANDS<br>INTEGRATED DEVELOPMENT<br>CORPORATION  |
| 8. Location of Project                        | Andaman and Nicobar   |
| 9. TOR Date                                   | 25 May 2021   |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 11/11/2022

(e-signed)  
Amardeep Raju  
Scientist E  
IA - (INFRA-1 sector)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*



**Subject: 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 and CRZ Clearance –reg.**

2. The abovementioned proposal was considered in the 293<sup>rd</sup> meeting of EAC held on 24<sup>th</sup> – 25<sup>th</sup> March, 2022 and again in the 297<sup>th</sup> meeting of EAC held on 24<sup>th</sup> – 25<sup>th</sup> May, 2022. Based on the reply submitted to the queries raised by the EAC, the proposal is again placed in the 306<sup>th</sup> meeting of EAC held on 22<sup>nd</sup> – 23<sup>rd</sup> August, 2022. ToR was granted vide letter No. 10/17/2021-IA.III dated 25<sup>th</sup> May 2021.

3. The project proponent along with the EIA Consultant M/s Vimta Labs and M/s AECOM India Pvt Ltd made a presentation and provided the following information:-

4. Andaman and Nicobar Islands Integrated Development Corporation Limited (ANIIDCO) propose Holistic Development of Great Nicobar Island in Andaman and Nicobar Islands. 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 Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd.

5. As a part of Holistic Development of Great Nicobar Islands, Deep Berth Port (with ancillary areas for International Trans-shipment terminal) as primary component is planned along with power generation and distribution network; and township are planned which are interlinked projects to ICTT.

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

7. The total area required for the proposed project is 16610 ha. The proposed Project site is in not connected through any road. Currently, the access is through sea and air route only. Approach roads shall be developed within the Islands.

8. No development is proposed on the western side of Galathea Bay in Phase I development apart from Defence area development, power plant and basic infrastructure to sustain defence and power plant site. Suggestion/opinion from MoD will be sought to finalise the buffer zones around Defence parcels. Buffer area of 500 mts from high tide line around Pemayya to be declared as Costal Protection Area with stringent controls on any development within the area. Further, Alexandria Bay and Casuarina Bay are located far away and fall outside the project area on the western coast. All these areas including Pemayya Bay have been made part of the leatherback conservation plan. Adequate measures have been proposed for protection of nesting beaches and turtles.

9. A separate land use category “Special Use” has been included in the land use plan. The subcategories under “Special Use” are:

- a. National Memorial (Western tip of Galathea Bay),
- b. Defence Purpose (Western tip of Galathea Bay),
- c. Pemayya Buffer Area (Buffer area of 500m from HTL for safe nesting of Leatherback turtles),

10. Golf courses are now not proposed as any specific landuse in the master plan.



11. The North South road of 55m ROW is the main arterial road connecting different pockets of development across the master plan area. It also serves as the key connector between the development on the eastern and western side of the master plan area and serves the overall function of distributing traffic and enabling access. The 55m RoW has been envisaged as an urban arterial road and the proposed design for this road is in compliance with guidelines for Urban Roads. The 55 m arterial road serves multiple functions enabling movements through different modes of transport including non-motorised transport i.e. cycles as well as pedestrians. Development within CRZ area will be in compliance with ICRZ Notification 2019.

12. The arterial road will be developed in a phased matter. In the first phase, 30 m ROW will be utilized and developed and the balance 25 m ROW will 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).

13. Water Bodies & impact on Drainage: Magar Nala is near Govind Nagar and Matai Nala Near Gandhi Nagar. No major drainage channels/ water bodies are being blocked/ impacted by proposed development. All major water channels/ nalas/ drains are being conserved and are part of green land use within the proposed land use plan.

14. Water bodies & impact on drainage: Adjacent to Andaman Sea some water bodies exist such as Matait Anla Near Gandhi Nagar, South Bay (Galathea), Mata Taruwa Bay, Pemayya Bay near Pulobaha, Nanjappa Bay near Pulo Bekka, Galathea River or Dak Kea, Dak Aleh, Dak Ubho, Dak Tolai Near Pulabaha, Dak Air, and Dak Thena.

15. Total Water Demand during Operational Phase shall be 160 MLD. 90 MLD shall be Potable/Fresh Water Demand. Source of Fresh/Potable Water will be River Water/Sea Water. No ground water extraction/usage proposed.

16. In order to have minimal dependency on surface water from Galathea River, it is being proposed to create rainwater harvesting reservoirs within the project area. Approximate 2.5 Sq.km of area is being identified for creation of water reservoirs which will store rainwater from surface runoff. Detail watershed studies and mathematical modelling will be carried out at the detail design stage.

17. Total Power Demand and Supply through various proposed sources is as below. As per discussion with Central Electricity Authority (CEA), it was suggested that majority of demand to be meet through Gas.

Phase	Year	Power Demand	DG Capacity Installed (MVA)	Gas Capacity Installed (MVA)	Solar Capacity Installed (MVA)	Total Installed Capacity (MVA)
Phase - I	1	2	5	0	0	5
	5	35	40	50	0	90
Phase - II	10	106	40	1000	20	160
	15	181	0	150	70	220
Phase - III	20	253	0	250	100	350
	25	293	0	300	100	400
	30	350	0	300	100	400

**Phase I:** For first 5 year of the project, power demand is proposed to be met through Diesel Generators (DG). It is proposed to have 40 MVA capacity DG power plant installed to meet the power demand which is projected as 35 MVA.

Phase I of project will also include construction and commissioning of 50MVA gas based power plant which will take the total installed capacity to 90 MVA.

**Phase II:** Total projected demand for the Phase II by the end of 15 year is 181 MVA. The power generation will 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.

**Phase III:** Total projected power demand for end of Phase III will be 350 MVA against proposed installed capacity to be augmented to 400 MVA. The Gas based power plant capacity is proposed to be increased to 300 MVA and Solar power plant will be augmented to 100 MVA.

18. Diversion of forest land: In-principle Approval/Stage-I Forest clearance over an area of 130.75 Sq. Km (121.87 Sq. Km of forest land and 8.88 Sq. Km of deemed forest land) in three phases has been accorded in favour of Andaman and Nicobar Islands Integrated Development Corporation(ANIIDCO) by the MoEF&CC vide letter no.8-22/2020-FC dated 27<sup>th</sup> October, 2022.

19. Waste Management: The Solid Waste Management System and hazardous wastes treatment system in the Centralized Solid Waste Management Facility(CSWMF) Waste management including collection, segregation, transportation and disposal will be done as per the provisions contained in Solid Waste Management Rules, 2016, Hazardous and Other Waste (Management & Transboundary, Movement) Rules, 2016, Construction and Demolition Waste Management Rule, 2016, Biomedical Waste (Management & Handing) Rule, 2016 and Battery Waste Management Rules, 2016 and as per guidelines issued by Govt. of India and the UT Administration from time to time.

20. Rainwater harvesting: A total area of about 2.57 sq km is en-marked for reservoirs for the full development for all phases. As a fall-back option, in the case of contingency against the commissioning of gas based power plant, the water reservoirs can be developed, over which about 90-100 MVA of Solar plant systems can be erected and commissioned to meet power demand.

21. Three (3) new wildlife sanctuaries have been identified at Little Nicobar, Menchal and Meroe Islands for conservation and protection of Leatherback turtles, Megapode and Corals respectively and Ministry of Home Affairs (MHA) accorded approval on 21.03.2022 for new wildlife sanctuaries to be created. The details are: 1. Leatherback turtle sanctuary of 13.75 sq.km at Little Nicobar Island, 2. The entire Menchal Island of 1.29 sq.km as a Megapode Sanctuary, 3. The entire Meroe Island of 2.73 sq.km as a Coral Sanctuary.

22. Great Nicobar has a wider habitat for saltwater crocodiles. The crocodiles have been sighted in Magar nallah, Dillon nallah, Vijay Nagar, Laxminagar, Galathea bay and Navy Dera in the project area in the past and also in Casuarina Bay and Alexandria Bay in the west coast falling outside the project area. The potential habitats include Gandhi Nagar, and Shastri Nagar, etc. WII has prepared a 'Conservation & Management Plan of Salt Water Crocodile (*Crocodylus porosus*) in Great Nicobar Island'. The Conservation & Management Plan is divided into two components as Monitoring and Management.

23. WII has prepared the plan for conservation and long term monitoring of sea turtles of the Nicobar Islands along with the leatherback sea turtles for a period of 10 years primarily. The conservation plan will be implemented in two phases. Phase 1 involves monitoring and nesting the population tracking the movements, identification of high use areas in the breeding sites and non-breeding regions, determining foraging areas using stable isotopes, population genetic structure of leatherback turtles, assessing vulnerability of turtle nesting beaches and adoption of appropriate management strategies and multi stakeholders' involvement in the long-term conservation of sea turtles. Phase 2 of the conservation plan will develop effective site-specific actions for conservation of sea turtles.

24. WII has been identified as a scientific agency to prepare and implement conservation plans for leatherback turtles and saltwater crocodiles. In the case of Nicobar Megapode, coordinated and collaborative research will have better outcome and in the larger interest of the endemic species of Nicobar megapode.

25. For facilitating movement of wildlife between forest and the sea shore and for crossing the arboreal animals as well as for passage of snakes, crabs, crocodiles etc, safe wildlife corridors at 8 locations along the eastern side of the island connecting forest and seashore through via-ducts in the north south arterial road have been proposed and incorporated in the master plan. The locations of the proposed wildlife corridors i.e. via ducts have been selected based on the ground situation and inputs provided by ZSI and Department of Environment & Forest. The width of the corridor ranges from 250 meters to 1100 meters and the eastern side of the corridors via ducts towards the seashore would be maintained as green area and no development is proposed in the said areas.

26. The port may place series of Ecological Marker Buoys for every 200 m along the proposed extended breakwater line. Also, Marker Booms may be connected in between the buoys. Such arrangement will clearly mark the 'AREA TO BE AVOIDED TO AID TURTLES', warn restriction of the navigational route, thereby neither ships nor boats can enter the 'TURTLE NESTING AREA'. It would protect the turtles from the port operation.

27. Shoreline change: The observed trend of the shoreline at the proposed project location reveals that the shoreline remains with not noticeable change over a period of 5 years from 2015 to 2020. The shoreline analysis shows that the project site at port is surrounded with elevated hill promontories and rocky shores.

28. Dredging and Reclamation: The total quantity of capital dredging for the development of port is about 17.7 million cu.m. MIKE 21-PA (Particle Analysis) module was used to identify a suitable location for dumping the dredge spoil and to understand the dispersion pattern of disposed material after dumping. The maximum increase in seabed level over the disposal area is about 0.03 m at the proposed dumping location. Due to availability of deeper water depth of 600m the change in bed level at the proposed disposal location due to dumping is insignificant. The plume of suspended sediment after dumping tends to spread towards northeast to an extent of 1 km with an increase in seabed level of <0.008 m. Therefore, the proposed disposal location is found to be more ideal and it will not cause any adverse impact on the proposed port development facilities and the marine environment.

29. Reclamation: About 298 Ha area to be reclaimed. It is estimated that around 33.35 million m<sup>3</sup> material will be required for reclamation. Suitable dredged material shall be used for reclamation, remaining of reclamation shall be achieved by borrowed fill.

30. Cargo handling with dust control measures: Since the proposed port is International Container Transshipment Terminal (ICTT), there will be no dusty cargo, dry bulk cargo such as coal, iron ore or hazardous cargo, etc. will be handled at port. All the vehicles engaged for

construction should have valid pollution check certificate as per the motor vehicle act. Further, any regulations related to vehicle emission issued by local government should also be adhered to. Generators and machineries are to be serviced and maintained regularly to avoid generation of dust and other air pollutants. Oil Spill Contingent Management Plan includes Boom containment, Spray of dispersant and Skimmers. No hazardous industries are envisaged at GNI however the containers may contain hazardous cargo, Hazardous cargo shall be handled in accordance with 'The Manufacture, Storage and Import of Hazardous Chemicals Rules, ACT 1989'. Containers carrying hazardous cargo are labelled as Hazardous Cargos and stored at separate locations in the yard designated for the storage of hazardous cargo and a dedicated Nodal Officer will be appointed who will be responsible to check the compliance of the regulations from time to time. Hazardous waste like used oil, insecticide/herbicides, paints, solvents, lubricants etc. would be generated from the project, the same hazardous substances will be securely stored at site before transportation, Double chamber Incinerator has been proposed to treat the possible hazardous waste generated from Port, Power plant and the Township.

31. No marine disposal is involved in the proposed project.

32. Energy conservation: List of materials to be used for construction will be decided at the details design stage. However, the design will follow Energy Conservation Building Code (ECBC 2017), Indian Green Building Council (IGBC) guidelines and Code of green buildings by Council of Architecture (COA).

33. Land acquisition and R&R issues: Total land acquisition required for project is approximately 421.57 ha. Total families affected is 379 and total affected population is 1761.

34. Revised ICRZ recommendations have been received via letter 'No.PCCF/EPA/1/Vol-XVI/154, Andaman & Nicobar administration, Department of Environment and Forests, PCCF (CRZ&FC) / nodal officer, FCA&MS, A&NCZMA/ Van Sadan, Haddo, Port Blair, Dated 8<sup>th</sup> July, 2022.

35. Regarding parts of proposed master plan for Ports which are falling within CRZ IA and IB areas, it has been explained that the same shall be excluded from the revised layout of master plan.

36. Mangroves: The Mangrove Conservation and Management Plan for Great Nicobar Island has been prepared by the Department of Environment and Forests, A&N Administration. The mangrove conservation plan is aimed at restoration and restocking of the tsunami impacted mangrove areas besides enhancement/enrichment through plantations. The plan also aims at improving the diversity of mangroves, its richness and stand density through proper assessment of distribution and status of mangrove species found in Great Nicobar Island along with the locations. The conservation plan addresses the strategies to restore and revive the mangrove areas through ecological restoration and enrichment planting.

37. The Coral Conservation Plan prepared by ZSI addresses both, the conservation strategies for coral colonies around GNI as well as translocation strategies for ten (10) hectares of impacted corals. A total of 245 species of scleractinian corals under 53 genera and 15 families are recorded from seven sites including the Great Nicobar Island. No major coral reef exists within the work area of the project. However, scattered coral reefs are available at the peninsular part of the Galathea Bay. As part of the assessment for conservation and management of Coral reefs, the Coral cover required to be translocated from the proposed site is around 10 ha which includes around 20668 Coral colonies out of which approximately 16150 colonies will be translocated. The plan addresses the probable sites for translocation, the methodology, the coral colonies for transplantation, conservation



and management of coral reefs both at the translocated sites, donor sites and other sites in Great Nicobar Islands.

38. Details of Court cases:

(i) Name of the Court (Supreme Court, High Court, NGT) One (1) case at Civil Judge Junior Division, Campbell Bay, Two(2) cases at Addl. District Judge, Port Blair and one (1) case at Hon'ble Court of Calcutta circuit bench at Port Blair.

(ii) Case No. Suit No.1 of 2021(Bose Barla Vs Admn.), Suit No.02 of 2018 (Anburoja vs Admn.), Suit No.11 of 2018 (Kamble vs Admn) and W>P No.313 of 2019 (Shri M. Muthualagu vs A&N Admn.)

(iii)Case Details:

Case 1: Regularization/allotment of plaintiff's encroachment over a portion of Government land bearing Survey No129/P measuring an Area of 0.0200 hectares Campbell bay.

Case 2: Allotment of Tsunami Permanent Shelter at Campbell Bay.

Case 3: Regularization/allotment of plaintiff's encroachment over a portion of government land bearing Survey No 47/P at Laxmi Nagar.

Case 4: Allotment of Tsunami Permanent Shelter at Campbell Bay Tehsil.

39. Employment Potential: The project around 6,939 persons directly and 10,408 persons would be employed by 2025, around 24,734 persons directly, 37,101 persons indirectly would be employed by 2040 and 51,423 persons directly and 77,135 persons indirectly would be employed by 2052. Generally, locals are employed by the contractor.

40. Public Hearing: Public Hearing was conducted on 27.01.2022 at Community Hall, Gram Panchayat, Campbell Bay, Great Nicobar.

41. Benefits of the Project: **Strategic benefits:-** Strong presence in Indian Ocean Region to counter the pressure being built by foreign powers growing presence. Capturing the Strategic location to develop a new Economic hub in India Ocean region. Improving connectivity with Indian mainland and other global cities. **Socio-economic benefits:** Promoting sustainable tourism. The proposed ICTT will allow India to participate in the regional and global maritime economy by becoming a major player in cargo transshipment. A Mixed-use urban development in the vicinity of these major infrastructure works will also be necessary to support quality of life for the residents that will generate and enable growth in the various economic sectors over time. This will require the development of simultaneous primary and secondary urban infrastructure networks such as roads, public transport, energy and electrical power, as well as water, wastewater, and storm water facilities and services, which will form the skeleton of the proposed township master plan. It is estimated that after the project is fully implemented, it has the potential to generate around 1,28,558 jobs opportunity. Socio-economic growth of local population. Development of social infrastructure supporting existing population and proposed population.

42. WII suggested that the project can be undertaken however more intensive assessment/research is required on Leatherback Sea turtle and its movements to craft site-specific mitigation strategy and suggested 10-year road map to systematically implement mitigation measures. SACON and WII has provided 10-year plan to mitigate impacts on Nicobar Megapod.

43. EAC also noted that there are several other endemic flora and fauna and impact of the project on these species is mostly unknown. The EAC noted the scale of impacts the proposed project may have both on flora and fauna of GNI and native populations, however, considering the strategic nature of the integrated project as presented by the PP and taking into account the submission made by the project proponent had a detailed deliberation in its 306<sup>th</sup> meeting during 22<sup>nd</sup> – 23<sup>rd</sup> August, 2022 and **recommended** the proposal for grant of Environmental and CRZ clearance with the specific conditions, as mentioned below, in addition to all standard conditions applicable for such projects:

44. 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 other co-opted members of Infra-2 EAC, members of Thermal EAC and NDS Committee) and hereby decided to grant Environmental Clearance and CRZ Clearance 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 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 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects.

### **SPECIFIC CONDITIONS**

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.

A. **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-

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.

a. The budget estimated by WII needs to be revised as the project life-cycle is for 30 years till year 2052, however, the proposal of WII is only for 10 years. 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 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 FastGPS 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.
- 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.
- d. Provision for 10 satellite tags for Loggerhead Sea Turtle should be made in case if nesting females are noticed in A&N
- e. Considering the vast research area, additional manpower especially research associate and field assistants needs to be incorporated in the proposal of WII including dedicated units for Great Nicobar, Little Nicobar and Little Andaman
- f. One additional mechanized engine Dingy for the inter-island 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
- 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 maybe 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.
- 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 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.
- j. Accordingly, WII is advised to revise the proposal and implementation plan within 15 days and send the same to EAC and

MoEFCC for record and to PP for release of first 10 years installment within three months.

- k. A&NFD will ensure implementation of conservation measures as recommended by WII.

- 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 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 MoEFCC 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, those will be made available by PP to SACON. Accordingly, the Committee informed PP to revise the EMP provisions.
- C. 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 MoEFCC 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
- 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 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 MoEFCC 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.

- E. 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 provisions shall be developed by Zoological Survey of India (ZSI) and submitted to the PP with a copy to MoEFCC 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.
- F. 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 MoEFCC 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 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.
- G. 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.

- H. 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 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.
- I. 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 geo-fencing cum surveillance towers nearby Tribal settlements.

All the 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.

### Other Specific Conditions

- II. 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 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 focal person (through the funds allocated to them under various components) to oversee the smooth running of the above centers. WII should make adequate financial provision for the same in their proposals under overall administrative costs.
- 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.
- 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 (Leatherback Sea Turtle, Salt-water 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.

### **Monitoring Committee**

- VI. 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 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
- 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 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.

- 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
- 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 Committee.

- VII. **Western Flank of the Galathea Bay:** 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, 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.
- 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.

- X. All the recommendations and conditions specified by the Andaman Nicobar Coastal Zone Management Authority (ANCZMA) vide letter dated 8<sup>th</sup> July, 2022 shall be complied with.
- 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.
- 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.
- XIII. Necessary approvals to be taken during implementation and commissioning from statutory bodies concerned.
- 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 MoEFCC.
- 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 MoEFCC before the infrastructure activities take place.
- 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.
- 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 and as suggested by them buffer zone will be maintained in between the defence installation and township cluster, commercial and tourism infrastructure.
- 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.
- 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.
- 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 locations of the wildlife corridors has 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 redensification.
- 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.
- XXIII. All illumination for ICTT, Gas-based power plant and other infrastructure adjacent to sea turtle nesting areas must be 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.
- 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.
- 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.
- XXVI. Installation of deflectors to be done to clear turtles from the path of the suctioning equipment. Underwater silt/sediment dispersal preventing curtains to be deployed to avoid deposition of silt on sandy shores.
- 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.
- 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 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.

- 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.
- 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, NO<sub>x</sub> and PM<sub>2.5</sub>.
- XXXII. Disposal of hazardous waste material would not be allowed in GNI including batteries, pesticides, organochlorines etc.
- XXXIII. The waste generated during construction and operation period of the project shall be managed as per the prevailing 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.
- XXXIV. 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 augmented by 20 MVA through first phase of solar power from 6<sup>th</sup> 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.
- 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.
- 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.
- 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.
- XXXVIII. A&N Administration should develop tourism policy for GNI considering ecological sensitivities of the island. The tourism development will be guided by the GNI



Tourism Policy. PP has to ensure that tourism development is consistent to this policy.

- XXXIX. PP will establish a modern nature and science information center at GNI in consultation with National Council of Science Museum, Kolkatta (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 center will be made available by PP. The center 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.
- 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.
- 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 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.

## **STANDARD CONDITIONS:**

### **A. International Container Transshipment Terminal (ICTT)**

#### **I. Statutory compliance:**

- (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 work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (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. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the project area at least at four locations, covering upwind and downwind directions.
- (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.
- (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.
- (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 equipments.



- (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;
- (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.
- (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. Green Belt:**

- (i) Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines.
- (ii) Top soil shall be separately stored and used in the development of green belt.

#### **VIII. Marine Ecology:**

- (i) Dredging shall not be carried out during the fish breeding and spawning seasons.
- (ii) Dredging, etc shall be carried out in the confined manner to reduce the impacts on



marine environment.

- (iii) The dredging schedule shall be so planned that the turbidity developed is dispersed soon 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/ 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.
- 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.
- 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.
- 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.
- 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. PM<sub>10</sub> and PM<sub>2.5</sub>) 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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi. Sand, murrum, 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.
- 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 tap 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.
- ii. 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.
- 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-laws 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 capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- 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 27<sup>th</sup> August, 2003 and 25<sup>th</sup> 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.
- 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.
- 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. 450 MVA 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.
- 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 be obtained from CGWA.

#### **II. Air quality monitoring and Management:**

- i. Stacks of prescribed height shall be provided with continuous online monitoring instruments for SO<sub>x</sub>, NO<sub>x</sub> and Particulate Matter as per extant rules.
- 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 PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> 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.
- ii. Persons exposed to high noise generating equipment shall use Personal Protective Equipment (PPE) like earplugs/ear muffs, etc.
- 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 vascular resistance. Similarly, the study shall also assess the health impacts due to air polluting agents.
- 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 Organisation (PESO). Sulphur Content in the liquid fuel should not exceed 0.5%.
- 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.
- (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.
- (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 CTSDF.
- (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.

- (v) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- (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.
- (vii) Occupational health surveillance of the workers shall be done on a regular basis.

#### **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 / 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.
- (ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of 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.
- (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.
- (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.
- (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.

- (vi) The criteria pollutant levels namely; PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (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.
- (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.
- (viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- (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.
- (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).
- (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.
- (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.

This issue with the approval of the Competent Authority



**(Amardeep Raju)**  
**Scientist-E**

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. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
7. Guard File/Record File
8. Notice Board.



**(Amardeep Raju)**  
**Scientist-E**

**Signature Not Verified**  
Digitally signed by Amardeep Raju  
Scientist E  
Date: 11/11/2022 2:36:09 PM









अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1601/ANIIDCO/Projects/2020-21/Vol. XIV/१५६

Dated: 23 June 2023

To

Shri. Amardeep Raju  
Scientist-E, IA-(INFRA-1 Sector)  
Ministry of Environment, Forest & Climate Change  
Indira Paryavaran Bhawan, 3rd Floor,  
Vayu Wing, Jor Bagh Road, Aliganj,  
New Delhi- 110 003  
E-mail: ad.raju@nic.in

Sub: Grant of Environmental Clearance (EC) & CRZ clearance - Development of Greenfield International Airport (4000 Peak Hours Passengers-PHP) at Great Nicobar Island - reg.

Sir,

This has to reference to your letter dated 04.11.2022 granting EC and CRZ clearance for the project under the provision of EIA (2006). As per the grant of terms & conditions for EC and CRZ clearance, wildlife conservation plans has to be submitted to MoEF&CC and fund for the same has to be released to the institutes and also comply with the other specific conditions. Considering that the Wildlife Conservation Plans are voluminous and technical in nature, the Corporation vide letter dated 25.11.2022 and 15.02.2023 requested MoEF&CC for grant of extension of time for submission of Wildlife Conservation Plans. After multiple rounds of meetings with WII, BSI, ZSI, SACON, etc., the Wildlife Conservation Plans have been prepared and the proposal amounting to Rs. 2,047.63 crores for a period of 30 years and proposal of Rs. 83.60 crores for first year has been submitted to MHA vide letter dated 15.02.2023 and 29.05.2023 respectively for approval and release of fund. The copy of letters dated 15.02.2023 & 29.05.2023 submitted to MHA regarding wildlife conservation plans are enclosed for your kind perusal.

A & N Administration vide order no. 794 dated 09.02.2023 has constituted monitoring committee for oversee implementation of Environmental Management Plan and matter has been taken up with Ministry of Defence for nomination of the Chairman of the committee.

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23/6/23

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Contd....

We would like to further inform that no construction work has started on ground and necessary action for monitoring of air, water, noise, etc. will be undertaken before start of the construction by the project proponent or SPV implementing the projects.

Encl: A/A

Yours faithfully,



(Veditha Reddy, IAS)  
Executive Director (GNI)

Copy to:

1. Joint Secretary (Armed Forces), Ministry of Defence, Govt. of India, 130-A, South Block, New Delhi - 110001.
2. Joint Secretary, Ministry of Civil Aviation, Rajiv Gandhi Bhawan, Block B, Safdarjung Airport Area, New Delhi - 110003 for kind information please.
3. Deputy Director (UT), Ministry of Home Affairs, Govt. of India, North Block, New Delhi - 110001 for kind information please.
4. PCCF, Department of Environment and Forests, A&N Administration for kind information please.
5. Member Secretary, Andaman & Nicobar Pollution Control Committee, Dollygunj, Port Blair.



Executive Director (GNI)



A & N Administration vide order dated 09.02.2023 has constituted monitoring committee for oversee implementation of EMP for pollution related matters, biodiversity, and tribal related issues and the first joint meeting of the committee was held on 31.03.2023.

We would like to further inform that no construction work has started on ground and necessary action for monitoring of air, water, noise, etc. will be undertaken before start of the construction by the project proponent or SPV implementing the projects.

Encl: A/A

Yours faithfully,



(Vedita Reddy, IAS)  
Executive Director (GNI)

Copy to:

1. Joint Secretary, Ministry of Port, Shipping & Waterways, Parivahan Bhavan, 1, Parliament Street, New Delhi for kind information please.
2. Joint Secretary, Ministry of Civil Aviation, Rajiv Gandhi Bhawan, Block B, Safdarjung Airport Area, New Delhi – 110003 for kind information please.
3. Deputy Director (UT), Ministry of Home Affairs, Govt. of India, North Block, New Delhi – 110001 for kind information please.
4. PCCF, Department of Environment and Forests, A & N Administration for kind information please.
5. Member Secretary, Andaman & Nicobar Pollution Control Committee, Dollygunj, Port Blair.



Executive Director (GNI)

### List of Uploaded Compliances

Sr.No.	Proposal No. and Single Window No.	Compliance No. and Clearance ID	State and District	Year of Compliance	Period of Compliance	Remarks	Uploaded Date	Status	View
1	IA/AN/NCP/260108/2021	EC/M/COMPLIANCE/32510794/2024 Clearance :	ANDAMAN AND NICOBAR ISLANDS NICOBARS	2023	01 Dec(01 Apr - 30 Sep)	As of current date, no construction activity commenced on ground.	28-03-2024	Submitted Successfully	<a href="#">View Report</a> <a href="#">View Documents</a>
2	IA/AN/NCP/260108/2021	EC/M/COMPLIANCE/40008201/2024 Clearance :	ANDAMAN AND NICOBAR ISLANDS NICOBARS	2023	01 Dec(01 Apr - 30 Sep)	As of current date , no construction work has commenced on ground.	28-03-2024	Submitted Successfully	<a href="#">View Report</a> <a href="#">View Documents</a>

Your (**Environment Clearance**) application has been **Submitted** with following details

<b>Proposal No</b>	IA/AN/NCP/260108/2021
<b>Compliance ID</b>	40008201
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/40008201/2024
<b>Reporting Year</b>	2023
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	28-03-2024
<b>IRO Name</b>	V Geroge Jenner
<b>IRO Email</b>	tr025@ifs.nic.in
<b>State</b>	ANDAMAN AND NICOBAR ISLANDS
<b>IRO Office Address</b>	Integrated Regional Offices, Chennai

**Note:-** SMS and E-Mail has been sent to V Geroge Jenner, ANDAMAN AND NICOBAR ISLANDS with Notification to Project Proponent.

Your (**Environment Clearance**) application has been **Submitted** with following details

<b>Proposal No</b>	IA/AN/NCP/260108/2021
<b>Compliance ID</b>	32510794
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/32510794/2024
<b>Reporting Year</b>	2023
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	28-03-2024
<b>IRO Name</b>	V Geroge Jenner
<b>IRO Email</b>	tr025@ifs.nic.in
<b>State</b>	ANDAMAN AND NICOBAR ISLANDS
<b>IRO Office Address</b>	Integrated Regional Offices, Chennai
<b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, ANDAMAN AND NICOBAR ISLANDS with Notification to Project Proponent.	



अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)  
CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1601/ANIIDCO/Projects/2020-2021/Vol. XIV/2895 Dated: 2nd January- 2024

To

Shri R. Hemanth Kumar, IFS  
Deputy Director General of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office, Ist and IInd Floor, Handloom Export Promotion Council,  
34, Cathedral Garden Road, Nungambakkam, Chennai - 34.

Sub: Submission of Six-Monthly Compliance Report (Dec 2023) against the Environmental Clearance - EC Identification No. EC22A033ANI25767 dated 11.11.2022 for Integrated development of International Container Transshipment Terminal (ICTT) - 14.2 Million TEU, Township & Area Development and 450 MVA Gas & Solar based power plant in Great Nicobar Islands, Nicobar District - reg.

Sir,

This has reference to letter dated 11.11.2022 regarding granting of EC & CRZ Clearance for the project for Integrated development of International Container Transshipment Terminal (ICTT) - 14.2 Million TEU, Township & Area development and 450 MVA Gas & Solar based power plant in 16610 hectares of Great Nicobar Islands, Nicobar District.

In compliance with the EC & CRZ Clearance, the Wildlife Conservation Plans prepared by WII, BSI, ZSI, SACON, IIFM and Forest Department, A & N Administration has been submitted to MHA with the request for budgetary sanction and release of funds. The details of the wildlife conservation plans and release of fund have also been submitted to MoEF&CC vide letter dated 29.05.2023 **(copy enclosed)**. MHA, vide their letter No. 15020/04/2023 - Plg. Cell (IDA) dated 22.08.2023, conveyed the "In-Principle" approval from the Department of Expenditure, Ministry of Finance, for the holistic development of Great Nicobar Island. The release of fund by MHA is awaited. Plans for Tribal Welfare, establishment of a special medical unit and a modern nature science museum has also been submitted to MHA with a copy to MoEF&CC vide letter dated 01.09.2023 **(copy enclosed)**.

The A & N Administration vide its order dated 09.02.2023, has constituted a monitoring committee overseeing the implementation of the Environmental Management Plan (EMP) for pollution related matters, biodiversity and tribal issues. The committee held its first meeting on 31.03.2023 **(copy of the joint minutes is enclosed)**.

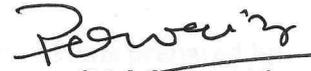
Contd.... p - 2/

MoPSW has appointed Syama Prasad Mookerjee Port, Kolkata (SMPK), for preparation of Detailed Project Report (DPR) for ICTT which is under finalization. DPR has factored for mitigation measures during construction & operation period. For the Township & Holistic Development of Great Nicobar Island, ANIIDCO has appointed M/s Egis India Consulting Engineers Pvt. Ltd. as technical consultant and preparation of detailed master plan is under finalization. Based on the decision of the High Power Committee (HPC) in its 6<sup>th</sup> Meeting held on 15.09.2023, it has been decided to engage NTPC for preparation of DPR for Power Plant. The matter regarding EMP was taken up with Airport Authority of India (AAI), Syama Prasad Mookerjee Port, Kolkata (SMPK) and Haryana Govt. for Compensatory Afforestation (CA). The EMP cost towards conservation and mitigation measures for air, water, waste management, soil etc. during the construction, operation and for monitoring of Airport and ICTT have been finalized and revised the EMP cost and submitted to MoEF&CC vide letter dated 21.12.2023 **(copy enclosed)**.

As of the current date, no construction work has commenced on the ground. Necessary actions for monitoring air, water, noise, etc., will be undertaken before the start of the construction by the Project Proponent or Special Purpose Vehicle (SPV) implementing the Project.

Yours faithfully

Encl: A/A



(Mohd. Pervaiz)

General Manager (Projects)

Copy to:

1. Joint Secretary, Ministry of Port, Shipping & Waterways, Parivahan Bhavan, 1, Parliament Street, New Delhi.
2. Joint Secretary, Ministry of Civil Aviation, Rajiv Gandhi Bhawan, Block B, Safdarjung Airport Area, New Delhi-110003.
3. Deputy Secretary (UT), Ministry of Home Affairs, Govt. of India, North Block, New Delhi - 110001.
4. Commissioner-cum-Secretary (Environment & Forests), A&N Administration, Port Blair.
5. PCCF, Department of Environment and Forests, A&N Administration.
6. Addl. Principal Chief Conservator of Forests, Andaman and Nicobar Coastal Zone Management Authority, Van Sadan, Haddo, Port Blair, Andaman & Nicobar Islands.
7. Member Secretary, Andaman and Nicobar Coastal Zone Management Authority, Van Sadan, Haddo, Port Blair, Andaman & Nicobar Islands.
8. Member Secretary, Andaman & Nicobar Islands Pollution Control Committee (ANIPCC), Department of Science and Technology, Dollygunj, Port Blair - 744103, South Andaman, A & N Islands.



General Manager (Projects)



अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1754/ANIIDCO/Projects/2022-23/597.

Dated: 29<sup>th</sup> May 2023

To,  
The Joint Secretary (UT)  
Ministry of Home Affairs  
Govt. of India, North Block, New Delhi - 110001

Sub: Wildlife conservation plans for holistic development of Great Nicobar Island project - reg.

Sir,

This has reference to our letter of even number dated 15.02.2023 and subsequent correspondence and discussion regarding wildlife conservation plans for holistic development of Great Nicobar Island project. Based on the conservation plans submitted by WII, ZSI, SACON, BSI, IIFM and Forest Department, the wildlife conservation plan for 30 years works out to Rs. 2047.63 crores.

As discussed in the meeting held on 17.04.2023, matter was taken up with WII, ZSI, SACON, BSI and IIFM for budget for conservation plan for the first year and confirmation of the amount for the budget for 5/10 years of conservation with the objective of achieving tangible outcomes. The institutes submitted their reply with regard to the first year budget for conservation plan including the provision for supervision and monitoring by Forest Department amounting to Rs. 7.94 crores. The proposal was examined in consultation with Forest Department and Forest Department has proposed a budget of Rs. 2.00 crores for the first year. The brief of the budget for the first year wildlife conservation plan is as under:

(Rs. in Crores)

Sl. No.	Particulars	For Institutes	Monitoring by Forest Dept.	Budget for 1 <sup>st</sup> year	Remarks
1.	Conservation and long-term monitoring of Leatherback Sea Turtle	9.22	0.60	9.22	WII vide letter dated 01.05.2023 submitted the first year budget for preparing the wildlife conservation plan and informed that the amount for the budget for 5/10 years of conservation plan will be confirmed shortly (Annexure-1).
	Movement ecology and population connectivity of the endemic Nicobar Megapode	1.98		1.98	
	Conservation & Management Plan of Salt Water Crocodile	4.67		4.67	
	Monitoring cost by Forest Department	---		0.60	
	<b>Sub Total (1)</b>	<b>15.87</b>	<b>0.60</b>	<b>16.47</b>	

Contd....p - 2/

Sl. No.	Particulars	For Institutes	Monitoring by Forest Dept.	Budget for 1 <sup>st</sup> year	Remarks
<b>SACON</b>					
2.	Conservation of Nicobar Megapode	12.75	0.25	12.75	SACON vide e - mail dated 21.04.2023 submitted that the conservation plan submitted vide e - mail dated 12.01.2023 contain year wise activities and budget requirement and the budget submitted remains the same (Annexure - II).
	Conservation Plan for Long-tailed Macaque	5.11		5.11	
	Conservation Plan for endemic and tree cavity nesting birds	3.53		3.53	
	Conservation Plan for Coconut Crab	1.86		1.86	
	Bird Hazard Risk Assessment Study for Airport	1.47		1.47	
	Biodiversity Management Plan for Airport	---		---	
	Budget for Forest Department and other Infrastructure support, monitor and supervise the projects	---		0.25	
<b>Sub Total (2)</b>		<b>24.71</b>	<b>0.25</b>	<b>24.96</b>	
<b>BSI</b>					
3.	Conservation of Native Flora & monitoring of non-native and invasive plant species and their impact	1.10	0.25	1.35	BSI vide e - mail dated submitted the first year budget and informed that opening of account is under process and details of the same will be communicated shortly (Annexure- III)
<b>Sub Total (3)</b>		<b>1.10</b>	<b>0.25</b>	<b>1.35</b>	
<b>ZSI</b>					
4.	Conservation and Management of Coral Reefs	16.74	0.60	16.74	ZSI vide e - mail dated 24.04.2023 submitted that first year budget requirement is mentioned in the proposal itself and the same may be considered (Annexure - IV).
	Conservation and Management Plan for Intertidal Marine Fauna	7.02		7.02	
	Monitoring cost by Forest Department	---		0.60	
	<b>Sub Total (4)</b>	<b>23.76</b>		<b>0.60</b>	
<b>IIFM</b>					
5.	Coastal and Marine Biodiversity Management Plan	14.72	0.30	15.02	IIFM vide letter dated 21.04.2023 submitted that the activity and budget for the conservation plan already submitted vide their letter dated 12.01.2023 (Annexure - V)
	<b>Sub Total (5)</b>	<b>14.72</b>	<b>0.30</b>	<b>15.02</b>	

Sl. No.	Particulars	For Institutes	Monitoring by Forest Dept.	Budget for 1 <sup>st</sup> year	Remarks
<b>Forest Department</b>					
1.	Conservation and restoration plan of Mangrove	0.58	---	0.58	Forest Department vide letter dated 04.05.2023 submitted the proposal (Annexure - VI)
	Zero predation plan of sea turtles	0.86	---	0.86	
	<b>Sub Total (6)</b>	<b>1.44</b>	<b>---</b>	<b>1.44</b>	
	<b>Total (1+2+3+4+5+6)</b>	<b>81.60</b>	<b>2.00</b>	<b>83.60</b>	

The proposal for first year budget for wildlife conservation plan is submitted to MHA for approval and release of the fund to the institutes and Forest Department.

Yours faithfully



(Veditha Reddy, IAS)  
Executive Director (GNI)

Copy to:

Shri Amardeep Raju, Scientist-E, IA - (Infra-1 sector), Ministry of Environment, Forest and Climate Change, Government of India, Indira Paryavaran Bhawan, 3<sup>rd</sup> Floor, Vayu Wing, JorBagh Road, Aliganj, New Delhi - 110 003.



Executive Director (GNI)



अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1755/ANIIDCO/Projects/2022-23/1850,

Dated: 1<sup>st</sup> Sept  
August 2023

To

The Joint Secretary (UT)  
Ministry of Home Affairs  
Govt. of India  
North Block, New Delhi - 110001

Sub: Holistic development of Great Nicobar Island - reg.

Respected Sir,

MoEF&CC vide letter dated 11.11.2022 granted EC & CRZ clearance for holistic development of Great Nicobar Island Project. As per the terms and conditions of grant of EC & CRZ clearance, proposal for welfare of tribal population, establishment of a special medical unit and modern nature and information centre in Great Nicobar Island to be prepared as part of holistic development of Great Nicobar Island, the copy of EC & CRZ Clearance is enclosed (Annexure - I).

Accordingly matter was taken up with Tribal Welfare & Health Department of A & N Administration and National Council of Science Museum (NCSM), Kolkata for preparation of above plans in compliance with the EC & CRZ Clearance.

The brief of the plans for tribal welfare, setting up of special medical unit and modern nature science museum are as under:

Sl. No	Plans	Total budget (Rs. in crores)	Remarks
1.	Tribal welfare plan	275.00	Tribal welfare plan including housing, health, education, sports, surveillance, skill development, etc. for a period of 50 years (Annexure - II).
2.	Setting up of Special Medical Unit	126.98	The total estimated cost for setting up of Special Medical Unit submitted by Health Department is Rs. 126.98 crores including capital and recurring cost for 10 years (Annexure - III).
3.	Setting up of Modern Nature Science Museum	415.41	The total estimated cost for setting up of Modern Nature Science Museum submitted by NCSM is Rs. 415.41 crores including capital and recurring cost for 30 years (Annexure - IV). It is proposed that project will be implemented as part of the township development.
<b>Total</b>		<b>817.39</b>	

Contd.... p - 2/

The above proposals towards tribal welfare plan, special medical unit and establishment of modern nature science museum are submitted to MHA for administrative approval, however, funds will be utilized as per the A & N Administration vide letter dated 07.07.2023 towards budgetary provision for 2023 - 24 and 2024 - 25 for expenditure for holistic development of Great Nicobar Island project (Annexure - V).

Yours faithfully



(Veditha Reddy, IAS)  
Executive Director (GNI)

Encl: A/A

Copy to:

Shri Amardeep Raju, Scientist-E, IA - (Infra-1 sector), Ministry of Environment, Forest and Climate Change, Government of India, Indira Paryavaran Bhawan, 3<sup>rd</sup> Floor, Vayu Wing, JorBagh Road, Aliganj, New Delhi - 110 003.



Executive Director (GNI)



अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

**Minutes of the joint meeting of the Monitoring Committees held at 5.30 pm on 31.03.2023 through VC to discuss implementation of Environmental Management Plan for holistic development of Great Nicobar Island.**

The list of Officers who attended the meeting is enclosed as Annexure – I.

The joint meeting of the Monitoring Committees to oversee issues relating to pollution, biodiversity and welfare of tribals was convened to discuss implementation of Environmental Management Plan (EMP) for holistic development of Great Nicobar Island.

MoEF&CC vide letter dated 11.11.2022 granted EC & CRZ Clearance for setting up of Port, Power Plant and Township as part of holistic development of Great Nicobar Island. As per the terms of grant of EC & CRZ Clearance, it was recommended that three independent committees under the chairmanship of Member Secretary, Andaman Nicobar Pollution Control Committee (ANPCC), PCCF (WL), A & N Administration and Deputy Commissioner (Nicobar) to oversee pollution related matters, biodiversity related matters and welfare & issues related to Shompen and Nicobarese respectively and experts as members from various departments/Ministries/institutes. Accordingly, with the approval of Hon'ble Lt. Governor, monitoring committees have been constituted and departments/Ministries/institutes have been requested to nominate expert members.

Following issues regarding implementation of Environmental Management Plan (EMP) for holistic development of Great Nicobar Island was discussed:

1. As per the terms & conditions of grant of EC & CRZ Clearance, wildlife conservation plans, tribal welfare conservation plans have to be submitted to MoEF&CC within 15 days, release funds within 3 months from the grant of EC and CRZ clearance for wildlife conservation and tribal welfare plans to the Departments/institutes. Accordingly the revised wildlife conservation plans prepared by WII, ZSI, SACON, etc. amounting to Rs. 2047.63 crores has been submitted to MHA for approval for further submission to MoEF&CC and release of fund amounting to Rs. 422.03 crores to the institutes. ANIIDCO has requested MoEF&CC for grant of extension of time for submission of revised wildlife conservation plans considering voluminous and technical nature of the reports to be examined and approved by MHA.
2. Health Department has prepared a proposal for setting up of a Special Medical Unit at Great Nicobar Island at an estimated capital cost of Rs. 101.42 crores and recurring cost of Rs. 163.95 crores for first 6 years. Health Department is in the process of revising the proposal for the Special Medical Unit and it will be submitted to ANIIDCO for further submission to MHA for approval.
3. Tribal Welfare Department has prepared a proposal for welfare of local tribal population of Shompen and Nicobarese including housing plans, Education, Geo-fencing, skill development, well equipped boat with medical facilities etc. amounting to Rs. 275 crores. The proposal is being revised and it will be submitted to ANIIDCO for further submission to MHA for approval.

4. Apart from the budget for EMP, a provision of Rs. 37.43 crores has been made in the EIA report for implementation of Environmental Monitoring Programme for monitoring of pollution related to air emission, noise levels, waste water discharge, soil erosion, solid waste management, etc. The various options for Environmental Monitoring was discussed and it is proposed that Environmental Monitoring be undertaken by the Development Authority/SPV being set up for implementation of Port, Airport, Power Plant and Township with the approval of the competent authority. However, the overall monitoring to be undertaken by the Monitoring Committee and the Environmental Cell in ANIIDCO/Development Authority/SPV.
5. In addition to the wildlife conservation plan, tribal welfare plan, provision has also been made towards various mitigation & conservation measures during construction & operation of the Port, Airport, Power Plant and Township in the Environmental Management Plan (EMP). Accordingly, EMP taking into account wildlife conservation plan, tribal welfare plan and other mitigation & conservation measures during construction and operation is being finalized by ANIIDCO.
6. Matter has been taken with Airport Authority of India and Kolkata Port Trust for confirmation regarding compliance of EC, CRZ and FC Clearance and provisions of EMP budget.
7. It was clarified that the role & responsibility of the committee is to oversee the implementation of EMP and it is the responsibility of project proponent/SPV implementing the Port, Airport, Power Plant and Township for implementation of EMP.
8. ANIIDCO to share details of EC, CRZ & FC Clearance and EIA report submitted to EAC for EC & CRZ Clearance with the members of the Committee for better understanding of the project and various conservation and mitigation measures proposed.
9. All the departments/institutes were requested to expedite nomination of their expert representative for the committee and share their contact details for future correspondence.

The Monitoring Committees decided that the project proponent to expedite finalization of wildlife conservation plans, tribal welfare plans and Environmental Monitoring Programme and release of fund to the institutes for implementation of Environmental Management Plan (EMP).

  
(Saji Samuel)

Senior Manager (Projects)

F. No. 1-1752/ANIIDCO/Projects/2022-23 / 993 -

Dated: 28 June 2023

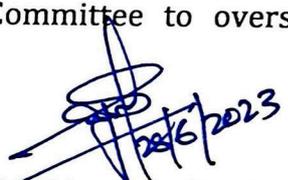
To

1. Shri. Kamal Datta, IFS, PCCF(WL), Department of Environment and Forests, Chairman of committee to oversee biodiversity related matters.
2. Shri Binay Bhushan, IAS, Secretary (GA).
3. Shri. Hari Kallikkat, IAS, DC(Nicobar), Chairman of committee to oversee welfare and issues related to Shompen & Nicobarese

4. Director(Tribal Welfare), A&N Administration
5. Shri. Thakur Brahamand Singh, Member (East), CGWB.
6. Shri. Vishal Gandhi, Additional Director, Central Pollution Control Board.
7. Shri. M.K Biswas, Scientist (E) & Regional Director CPCB, Kolkata.
8. Dr. Ajit Kumar Shasany, Director, CSIR-National Botanical Research Institute.
9. Dr. Muralidharan, Director, SACON
10. Shri. L Gopinath, S.R.O, NITI Aayog
11. Shri. Anirvan Choudhary, Central Ground Water Board (CGWB).
12. Dr. Avijith Roy, Deputy Director (Health), A&N Administration.
13. Shri. T.K.S Ajayan, AD (ops), Disaster Management, A&N Administration.
14. Shri. Gyan Singh, AD (Log), Disaster Management, A&N Administration
15. Dr Ramesh Chinnaswamy, WII
16. Dr. Nehru, WII.
17. Dr. Sivaperumal, ZSI.
18. Dr. Indranil Roy, CGWB, ER.
19. Dr. J. Jayanti, BSI.
20. Ms Sandhya Yadav, Central Ground Water Board, Kolkata.
21. Shri. V.P Yadav, Central Ground Water Board, Kolkata.
22. Shri. Prashant Gargavan, Central Pollution Control Board, Kolkata.
23. Ms. Sherine Cubelio, Central Marine Living Resource and Ecology (CMLRE).

Copy to:

1. PS to MD, ANIIDCO for kind information of MD please
2. PA to ED(GNI) for kind information of ED(GNI) please.
3. Director(S&T)/Member Secretary, ANPCC, Chairman of the Committee to oversee pollution related matters.

  
Senior Manager (Projects)

List of Officers present during the meeting:

1. PCCF, Department of Environment and Forest.
2. Shri Binay Bhushan, IAS, Secretary (GA).
3. Shri Hari Kalikat, IAS, DC (Nicobar), A&N Administration.
4. Ms. Sherine Cubelio, Central Marine Living Resource and Ecology (CMLRE).
5. Shri. Anirvan Choudhary, Central Ground Water Board (CGWB).
6. Director(Tribal Welfare), A&N Administration.
7. Dr. Muralidharan, Director, SACON.
8. Dr. Ajit Kumar Shasany, Director, CSIR-National Botanical Research Institute.
9. Dr. Avijith Roy, Deputy Director (Health), A&N Administration.
10. Dr Ramesh Chinnaswamy, WII.
11. Dr. Nehru, WII.
12. Dr. Sivaperumal, ZSI.
13. Dr. Indranil Roy, CGWB, ER.
14. Shri. Thakur Brahamand Singh, Member(East), CGWB.
15. Dr. J. Jayanti, BSI.
16. Shri. L Gopinath, S.R.O, NITI Aayog.
17. Ms Sandhya Yadav, Central Ground Water Board, Kolkata.
18. Shri. T.K.S Ajayan, AD (ops), Disaster Management, A&N Administration.
19. Shri. Gyan Singh, AD (Log), Disaster Management, A&N Administration.
20. Shri. V.P Yadav, Central Ground Water Board, Kolkata.
21. Shri. M.K Biswas, Scientist (E) & Regional Director CPCB, Kolkata.
22. Shri. Prashant Gargavan, Central Pollution Control Board, Kolkata.
23. Shri. Vishal Gandhi, Additional Director, Central Pollution Control Board.



अ.नि.द्वी.स.वि.नि.  
ANIIDCO

अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1552/ANIIDCO/Projects/2020-21/Vol. VII/2811

Dated: 21<sup>st</sup> December 2023

To

Shri Amardeep Raju  
Scientist-E, IA-(INFRA-1 Sector)  
Ministry of Environment, Forest & Climate Change  
Indira Paryavaran Bhawan, 3rd Floor,  
Vayu Wing, Jor Bagh Road, Aliganj,  
New Delhi - 110003

Sub: Submission of revised EMP as per EC & CRZ clearance granted vide letter dated 11.11.2022 for holistic development of Great Nicobar Island project- reg.

Sir,

This has reference to MoEF&CC letter dated 11.11.2022 granting EC & CRZ Clearance for holistic development of Great Nicobar Island project. As per the terms & conditions of EC & CRZ clearance, revised Environmental Management Plan (EMP) factoring wildlife conservation plans, tribal welfare plans and other conservation/mitigation measures has to be submitted to MoEF&CC and fund for the same has to be released to the institutes and also comply with the other specific conditions.

Considering that the Wildlife Conservation Plans are voluminous and technical in nature, the Corporation vide letter dated 25.11.2022 and 15.02.2023 requested MoEF&CC for grant of extension of time for submission of Wildlife Conservation Plans and submission of revised Environmental Management Plan (EMP). After multiple rounds of meetings with WII, BSI, ZSI, SACON, etc., the Wildlife Conservation Plans were prepared and the proposal submitted to MHA and MoEF&CC vide letter dated 15.02.2023 and 29.05.2023 for approval and release of fund (copy enclosed). MHA vide letter dated 22.08.2023 conveyed "In-Principle" approval from the Department of Expenditure, Ministry of Finance for the holistic development of Great Nicobar Island (copy enclosed). The release of fund by Govt. of India for the wildlife conservation plans is awaited.

A & N Administration has also finalized the proposal for Tribal Welfare Plan, setting up of Special Medical Unit, Modern Nature & Science Information Centre, etc. and the proposal for the same has also been submitted to MHA with a copy to MoEF&CC vide letter dated 01.09.2023 (copy enclosed).

Contd..... p - 2/

MoPSW has appointed Syama Prasad Mookerjee Port, Kolkata (SMPK), for preparation of Detailed Project Report (DPR) for ICTT and Airport Authority of India (AAI) is in the process of finalizing the DPR for the Airport. The matter regarding EMP was taken up with Airport Authority of India (AAI), Syama Prasad Mookerjee Port, Kolkata (SMPK) and EMP cost towards conservation and mitigation measures for air, water, waste management, soil, etc. during the construction, operation and for monitoring of Airport and ICTT have been finalized and factored in the revised EMP. The detailed master plan for Township is under finalization and NTPC is being engaged for preparation of DPR for the Power Plant, accordingly, the revised EMP cost is yet to be finalized and EMP cost submitted to EAC during August 2022 has been factored in the revised EMP for the budgetary provision.

The matter regarding Compensatory Afforestation (CA) was taken up with Haryana Govt. and based on the tentative proposal submitted by Haryana Govt. vide letter dated 20.10.2023, budget for Compensatory Afforestation (CA) has been prepared and factored in the revised EMP.

The summary of budgetary provision for Environmental Management Plan (EMP) and Environmental Monitoring Programme are as under:

Sl. No.	Particulars	Amount (Rs. in Crores)
1.	Wildlife conservation plans	2047.63
2.	Compensatory Afforestation	4918.32
3.	Tribal welfare plans and modern nature science museum	829.90
4.	Conservation and mitigation measures during construction and operation of Port, Airport, Township and Power Plant (10 years)	992.07
5.	Monitoring Programme for Port, Airport, Township and Power Plant (10 years)	374.30
	<b>Total.....</b>	<b>9162.22</b>

The details of the Environmental Management Plan (EMP) factoring wildlife conservation plans, tribal welfare plans and other conservation/mitigation measures and Environmental Monitoring Programme is enclosed as **Annexure - A**.

The above Environmental Management Plan (EMP) and Monitoring cost are subject to change due to finalization of the EMP for construction and operation period for Township and Power Plant on finalization of its Master Plan/DPR, change in the CA scheme to be finalized by the Haryana Govt., etc.

The fund to the institutes towards implementation of wildlife conservation plans shall be released on approval of the Govt. of India. Further, no construction work has commenced on ground and necessary action for conservation and mitigation measures for air, water, noise, etc. will be undertaken by the Project Proponent or Special Purpose Vehicle (SPV) before start of the construction.

Encl: A/A

Yours faithfully,



(Veditha Reddy, IAS)  
Executive Director (GNI)

Copy to:

1. Joint Secretary (UT), Ministry of Home Affairs, Govt. of India, North Block, New Delhi - 110001 for kind information please.
2. Deputy Director General of Forests (C), MoEF&CC, Regional Office, 1<sup>st</sup> and 2<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34 for kind information please.
3. PCCF, Department of Environment & Forests, Van Sadan, Haddo, Port Blair for kind information please.
4. Director, Wildlife Institute of India, Dehradun.
5. Director, Zoological Survey of India, Kolkata.
6. Director, Salim Ali Centre for Ornithology and Natural History, Chennai.
7. Director, Botanical Survey of India, Kolkata.
8. Director, Indian Institute of Forest Management, Bhopal.
9. General Manager (BD), Airport Authority of India, New Delhi.
10. Chief Engineer, Syama Prasad Mookerjee Port, Kolkata.



Executive Director (GNI)



परिवेश  
PARIVESH  
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



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Proposal Details

**Proposal No**

IA/AN/NCP/260108/2021

**Category**

INFRA-1

**Name of Project**

Environmental and CRZ Clearance - Integrated development of International Container Transhipment 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.

**Plot / Survey/ Khasra No.**

**Village(s)**

**Sub-District(s)**

**State**

ANDAMAN AND NICOBAR ISLANDS

**District**

NICOBARS

**MoEF File No**

10/17/2021-IA-III

**Name of the Entity/  
Corporate Office**

M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd

**Entity's PAN**

NA

**Entity Name as per PAN**

NA

**Entity details mentioned above is correct ?**

Agree

**Project KML**

NA

Covering Letter

**Covering Letter**

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Compliance Reporting Details

**Reporting Year**

2023

**Reporting Period**

01 Dec(01 Apr - 30 Sep)

**Remark(if any)**

As of current date, no construction activity commenced on ground.

Details of Production and Project Area

**Date of Commencement of Project/Activity**

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	3535	0
Forest	13075	0
Others	0	0
Total	16610	0

PRODUCTION CAPACITY

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Integrated development of ICTT	Others:Million TEU	14.2				0
2	Township & Area Development	Others:Sq.km	150.34				0
3	Gas & Solar based Powerplant	Others:MVA	450				0

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Human Health Environment	<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&amp;CC.</p>	PPs Submission	<p>Noted Being Complied Attachment: NA</p>
2	Marine/Coastal	<p>A. 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. 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&amp;N islands. 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. 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 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 FastGPS 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. 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. d. Provision for 10 satellite tags for Loggerhead Sea Turtle should be made in case if nesting females are noticed in A&amp;N e. Considering the vast research area, additional manpower especially research associate and field assistants needs to be incorporated in the proposal of WII including dedicated units for Great Nicobar, Little Nicobar and Little Andaman f. One additional mechanized engine Dingy for the inter-island movement including boatman, boat running and maintenance cost be</p>	PPs Submission	<p>WII has prepared a conservation plan for Leather back sea Turtles for a period of 30 years amounting to Rs. 237.45 crores by complying EC &amp; CRZ stipulated conditions. The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for Leatherback Turtle has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Further ,Zero nest predation plan for sea turtles has been prepared by A&amp;N Forest Department for a period of 30 years amounting to Rs. 65.22 crores.The plan is enclosed herewith. Revised EMP factoring Zero nest predation plan has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Being Complied Attachment: <a href="#">Click to View</a></p>

		<p>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 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 maybe 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. 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 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. j. Accordingly, WII is advised to revise the proposal and implementation plan within 15 days and send the same to EAC and MoEFCC for record and to PP for release of first 10 years installment within three months. k. A&amp;NFD will ensure implementation of conservation measures as recommended by WII.</p>			
3	Marine/Coastal	<p>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 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 MoEFCC 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&amp;NFD will ensure implementation of conservation measures as recommended by SACON and WII. This cost is over and above the cost required by A&amp;NFD. 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 SACON. Accordingly, the Committee informed PP to revise the EMP provisions.</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>SACON &amp; WII in collaboration has prepared a comprehensive studies &amp; conservation measures for endemic Nicobar Megapod for a period of 30 years amounting to Rs. 157.15 crores . The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for Megapode has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Being Complied Attachment: <a href="#">Click to View</a></p> </td> </tr> </table>	PPs Submission	<p>SACON &amp; WII in collaboration has prepared a comprehensive studies &amp; conservation measures for endemic Nicobar Megapod for a period of 30 years amounting to Rs. 157.15 crores . The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for Megapode has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Being Complied Attachment: <a href="#">Click to View</a></p>
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4	Marine/Coastal	<p>C. Saltwater Crocodile: PP submitted the proposal by WII and A&amp;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&amp;N Forest Department should revise the proposal with budget allocation and timeline and submit it to the PP with a copy to MoEFCC and EAC within 15 days from the grant of EC and CRZ</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>WII has prepared a conservation plan for Salt water Crocodile for a period of 30 years amounting to Rs. 95.95 crores. The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for Salt water Crocodile has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Being Complied Attachment: <a href="#">Click to View</a></p> </td> </tr> </table>	PPs Submission	<p>WII has prepared a conservation plan for Salt water Crocodile for a period of 30 years amounting to Rs. 95.95 crores. The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for Salt water Crocodile has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Being Complied Attachment: <a href="#">Click to View</a></p>
PPs Submission	<p>WII has prepared a conservation plan for Salt water Crocodile for a period of 30 years amounting to Rs. 95.95 crores. The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for Salt water Crocodile has also been sent to MoEF&amp;CC vide letter dated 21.12.2023. The proposal has been submitted to MHA &amp; is under process for approval &amp; release of fund. Being Complied Attachment: <a href="#">Click to View</a></p>				

		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		
5	Marine/Coastal	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 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 MoEFCC 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	PPs Submission	BSI has prepared a action plan for Invasive Plant Species & their impact on the Native Flora in GNI for a period of 30 years amounting to Rs. 228.55 crores. The plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for the same has also been sent to MoEF&CC vide letter dated 21.12.2023. The proposal has been submitted to MHA & is under process for approval & release of fund. Being Complied Attachment: <a href="#">Click to View</a>
6	Marine/Coastal	E. 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 provisions shall be developed by Zoological Survey of India (ZSI) and submitted to the PP with a copy to MoEFCC 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.	PPs Submission	ZSI has prepared a conservation & management plan for Intertidal Marine Fauna for a period of 30 years amounting to Rs. 238.28 crores. The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for the same has also been sent to MoEF&CC vide letter dated 21.12.2023. The proposal has been submitted to MHA & is under process for approval & release of fund. Being Complied Attachment: <a href="#">Click to View</a>
7	Marine/Coastal	F. 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 MoEFCC 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 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.	PPs Submission	SACON has prepared a conservation & management plan for Nicobar Macaque, Robber Crab and other endemic bird species of Great Nicobar for a period of 30 years amounting to Rs. 230.77 crores. The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for the same has also been sent to MoEF&CC vide letter dated 21.12.2023. The proposal has been submitted to MHA & is under process for approval & release of fund. Being Complied Attachment: <a href="#">Click to View</a>

8	Marine/Coastal	G. 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.	PPs Submission	A&N forest department has prepared a conservation & restoration plan for Mangroves amounting to Rs.7.50 crores .The conservation plan is enclosed herewith. Revised EMP factoring wildlife conservation plan for the same has also been sent to MoEF&CC vide letter dated 21.12.2023. The proposal has been submitted to MHA & is under process for approval & release of fund. Being Complied Attachment: <a href="#">Click to View</a>
9	Marine/Coastal	H. 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 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.	PPs Submission	ZSI has prepared a detailed plan for coral Translocation for a period of 30 years amounting to Rs. 463.63 crores. The detailed plan is enclosed herewith. Revised EMP factoring the coral Translocation has also been sent to MoEF&CC vide letter dated 21.12.2023. The proposal has been submitted to MHA & is under process for approval & release of fund. Being Complied Attachment: <a href="#">Click to View</a>
10	Human Health Environment	I. 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 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.	PPs Submission	Tribal welfare plan including housing, health, education, sports, surveillance, skill development ,food security and Office & Manpower for a period of 50 years amounting to Rs. 275 crores has been prepared by Department of Tribal Welfare (DTW), A & N Administration . The copy of tribal welfare plan is enclosed herewith. Revised EMP factoring the same has also been sent to MoEF&CC vide letter dated 21.12.2023. The proposal has been submitted to MHA & is under process for approval & release of fund. Being Complied Attachment: <a href="#">Click to View</a>
11	Statutory compliance	Other Specific Conditions II. 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 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.	PPs Submission	PP/UT Administration has initiated action for setting up of Research station/units as per the requirement submitted by WII & the same is under process. WII will be in-charge of the research station/units and after the completion of the project, the research station/units will be handed over to Forest Department . The revised EMP has been prepared for 30 years factoring conservation plans for Leatherback Sea Turtle, Nicobar Megapod, Saltwater Crocodile management and other endemic flora and fauna conservation , Tribal welfare plans etc., submitted by WII, BSI, SACON, ZSI , A& N Forest Department and Tribal Welfare Department of A& N Administration. The same has also been sent to MoEF&CC vide letter dated 21.12.2023 and the proposal has also been sent to MHA & is under process for approval & release of fund. Being Complied Attachment: NA

Will be overall in-charge of the station and will appoint a focal person (through the funds allocated to them under various components) to oversee the smooth running of the above centers. Will should make adequate financial provision for the same in their proposals under overall administrative costs. 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. 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 Will (Leatherback Sea Turtle, Salt-water 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 Will, 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.

12	Statutory compliance	<p>Monitoring Committee VI. 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 will be included in the implementation plans of each institute and PP. Proceedings of each Committee will be uploaded on the A&amp;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 expenses of the committee meetings. For the first three years following constitution is recommended 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 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. ii. Committee to oversee</p>
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PPs Submission	<p>PP/A&amp; N Administration through its order dated 09.02.2023 has formed a monitoring committee for overseeing the implementation of the EMP for pollution related matters (vide Order No.791),for biodiversity related matters (vide Order No.792) and tribal welfare &amp; issue related matters (vide Order No.793). The committee held its first meeting on 31.03.2023. Being Complied Attachment: <a href="#">Click to View</a></p>
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		<p>biodiversity related matters – The Committee will be chaired by PCCF (WL) A &amp; 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 Gol and one member of EAC-CRZ and Infra 1 Committee with biodiversity expertise 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 &amp; N Tribal Welfare Department, PCCF and HoFF-A&amp;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&amp;N Administration and one member of EAC-CRZ and Infra 1 Committee.</p>		
13	Marine/Coastal	<p>VII. Western Flank of the Galathea Bay: 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, Koshindon, Laxmi Nagar, North of Alexandria, South of Alexandria, North of Dogmar, South of Dogmar, Pulo Bed, PuloKunjji, 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.</p>	PPs Submission	<p>Noted. Agreed to Comply Attachment: NA</p>
14	WATER QUALITY MONITORING AND PRESERVATION	<p>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.</p>	PPs Submission	<p>Noted Agreed to Comply Attachment: NA</p>
15	MISCELLANEOUS	<p>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.</p>	PPs Submission	<p>Noted. Agreed to Comply Attachment: NA</p>
16	MISCELLANEOUS	<p>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.</p>	PPs Submission	<p>Noted. Agreed to Comply Attachment: NA</p>
17	Statutory compliance	<p>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</p>	PPs Submission	<p>Noted. Agreed to Comply Attachment: NA</p>

		proponent shall comply with the air pollution mitigation measures as submitted.		
18	WATER QUALITY MONITORING AND PRESERVATION	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	PPs Submission	Noted. Agreed to Comply Attachment: NA
19	WASTE MANAGEMENT	XIII. Necessary approvals to be taken during implementation and commissioning from statutory bodies concerned.	PPs Submission	Noted. Agreed to Comply Attachment: NA
20	MISCELLANEOUS	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 MoEFCC.	PPs Submission	Noted. Agreed to Comply Attachment: NA
21	GREENBELT	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 MoEFCC before the infrastructure activities take place	PPs Submission	Noted. Agreed to Comply Attachment: NA
22	GREENBELT	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.	PPs Submission	Noted and accordingly SACON has prepared the comprehensive conservation plan for the endemic and tree cavity nesting birds of Nicobar Archipelago that includes the needs of the plan to manage endemic and cavity nesting birds and its breeding substratum (tree holes/cavities) during tree felling operations. The copy of the conservation plan is enclosed. Agreed to Comply Attachment: <a href="#">Click to View</a>
23	MISCELLANEOUS	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 and as suggested by them buffer zone will be maintained in between the defence installation and township cluster, commercial and tourism infrastructure.	PPs Submission	This will be factored while preparing the Master Plan for Township. Agreed to Comply Attachment: NA
24	MISCELLANEOUS	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.	PPs Submission	This will be factored in the detailed master plan for Township which is under finalisation. Agreed to Comply Attachment: NA
25	Marine/Coastal	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.	PPs Submission	Noted Agreed to Comply Attachment: NA
26	Human Health Environment	XX. Safe wildlife corridors at eight (8) locations along the eastern side of the island connecting forest and seashore through via-ducs (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 locations of the wildlife corridors has 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 EIAEMP.	PPs Submission	Wildlife corridors at 8 locations have been proposed in the revised master plan & the same was submitted during EAC meeting held on 23rd August 2022. Agreed to Comply Attachment: NA

27	Marine/Coastal	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 redensification.	PPs Submission	Noted. Agreed to Comply Attachment: NA
28	LAND RECLAMATION	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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
29	MISCELLANEOUS	XXIII. All illumination for ICTT, Gas-based power plant and other infrastructure adjacent to sea turtle nesting areas must be in conformity with international standards and sea turtle friendly. No other type of illumination would be permitted. Will develop illumination policy for the entire infrastructure and PP will ensure its implementation.	PPs Submission	Noted. Agreed to Comply Attachment: NA
30	LAND RECLAMATION	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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
31	MISCELLANEOUS	XXVI. Installation of deflectors to be done to clear turtles from the path of the suctioning equipment. Underwater silt/sediment dispersal preventing curtains to be deployed to avoid deposition of silt on sandy shores.	PPs Submission	Noted. Agreed to Comply Attachment: NA
32	ENERGY PRESERVATION MEASURES	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	PPs Submission	To be complied as part of Township/Power Plant Implementation plan. Agreed to Comply Attachment: NA
33	Human Health Environment	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 by A&N Administration.	PPs Submission	Directorate of Health Service ( DHS), Port Blair has submitted the proposal for setting up of special medical & health care unit for prevention & control of diseases with special reference to Tribal populations amounting to Rs.126.98 crores. The copy of the same is enclosed. Revised EMP factoring this component has been submitted to MoEF&CC vide letter dt. 21.12.2023 and also forwarded to MHA for approval & release of fund. Agreed to Comply Attachment: <a href="#">Click to View</a>
34	Marine/Coastal	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.	PPs Submission	Concept Note on Zero predation plan of Sea Turtles with special focus on Leatherback Sea Turtle in Great Nicobar Island has been submitted by Andaman and Nicobar Administration ,Department of Environment and Forest. Agreed to Comply Attachment: <a href="#">Click to View</a>
35	Human Health Environment	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	PPs Submission	This will be worked out as part of Social Impact Assessment (SIA) study which is under process. Agreed to Comply Attachment: NA
36	AIR QUALITY MONITORING AND PRESERVATION	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.	PPs Submission	Noted. Agreed to Comply Attachment: NA

37	WASTE MANAGEMENT	XXXII. Disposal of hazardous waste material would not be allowed in GNI including batteries, pesticides, organochlorines etc.	PPs Submission	Noted Agreed to Comply Attachment: NA
38	WASTE MANAGEMENT	XXXIII. The waste generated during construction and operation period of the project shall be managed as per the prevailing 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
39	ENERGY PRESERVATION MEASURES	XXXIV. 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 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
40	MISCELLANEOUS	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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
41	Risk Mitigation and Disaster Management	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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
42	Human Health Environment	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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
43	MISCELLANEOUS	XXXVIII. A&N Administration should develop tourism policy for GNI considering ecological sensitivities of the island. The tourism development will be guided by the GNI Tourism Policy. PP has to ensure that tourism development is consistent to this policy.	PPs Submission	Noted Being Complied Attachment: NA
44	MISCELLANEOUS	XXXIX. PP will establish a modern nature and science information center 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 center will be made available by PP. The center 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.	PPs Submission	Proposal amounting to Rs.415.41 crores for establishing/setting up a modern nature and science information centre at GNI has been submitted by NCSM. The copy of the same is enclosed herewith & further, this is also factored in revised EMP which is submitted to MoEF&CC vide letter dt. 21.12.2023 and also forwarded to MHA for approval & release of funds. Being Complied Attachment: <a href="#">Click to View</a>
45	MISCELLANEOUS	XL. Use of vehicles or any recreational means on Sea Turtle nesting beaches will be strictly prohibited. Such	PPs Submission	Noted. Agreed to Comply

		beaches will be clearly marked as no-use zones by A&NFD. These will also be included in the Tourism Policy of GNI		Attachment: NA
46	Statutory compliance	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 entire Meroe Island of 2.73 sq.km as a Coral Sanctuary.	PPs Submission	Noted. Agreed to Comply Attachment: NA
47	Statutory compliance	XLII. The recommendation from Standing Committee of NBWL under the Wildlife (Protection) Act, 1972 should be obtained, if applicable.	PPs Submission	Noted. Agreed to Comply Attachment: NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) I. Statutory compliance: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
2	AIR QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
3	AIR QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) II. Air quality monitoring and preservation: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
4	AIR QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) II. Air quality monitoring and preservation: (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.	PPs Submission	As of current date, no construction work has commenced on ground. Agreed to Comply Attachment: NA
5	AIR QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) II. Air quality monitoring and preservation: (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.	PPs Submission	As of current date, no construction work has commenced on ground. Agreed to Comply Attachment: NA
6	AIR QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) II. Air quality monitoring and preservation: (v) The Vessels shall comply the emission norms prescribed from time to time.	PPs Submission	Noted Agreed to Comply Attachment: NA
7	AIR QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) II. Air quality monitoring and preservation: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA

8	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
9	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (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	PPs Submission	Noted. Agreed to Comply Attachment: NA
10	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
11	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (iv) Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	PPs Submission	Noted Agreed to Comply Attachment: NA
12	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
13	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
14	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (vii) No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.	PPs Submission	Noted. Agreed to Comply Attachment: NA
15	WATER QUALITY MONITORING AND PRESERVATION	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) III. Water quality monitoring and preservation: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
16	Noise Monitoring & Prevention	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
17	Noise Monitoring & Prevention	STANDARD CONDITIONS: A. International Container Transhipment Terminal (ICTT) IV. Noise monitoring and prevention: (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 equipments.	PPs Submission	Noted Agreed to Comply Attachment: NA
18	Noise Monitoring & Prevention	A. International Container Transhipment Terminal (ICTT) IV. Noise monitoring and prevention: (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	PPs Submission	Noted Agreed to Comply Attachment: NA
19	Noise Monitoring & Prevention	A. International Container Transhipment Terminal (ICTT) IV. Noise monitoring and prevention: (iv) The ambient noise levels should conform to the standards prescribed under E(P)A	PPs Submission	Noted. Agreed to Comply Attachment: NA

		Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.		
20	ENERGY PRESERVATION MEASURES	A. International Container Transshipment Terminal (ICTT) 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; (ii) Provide LED lights in offices and project areas.	PPs Submission	Noted Agreed to Comply Attachment: NA
21	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) 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.	PPs Submission	Noted . Agreed to Comply Attachment: NA
22	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) VI. Waste management: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
23	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) VI. Waste management: (iii) The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.	PPs Submission	Noted Agreed to Comply Attachment: NA
24	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) VI. Waste management: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
25	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) VI. Waste management: (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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
26	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) VI. Waste management: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
27	WASTE MANAGEMENT	A. International Container Transshipment Terminal (ICTT) VI. Waste management: (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.	PPs Submission	Noted, agreed to follow the guidelines for Oil Spill management. However, Oil spill contingency plan has been prepared & submitted in EAC meeting during August 2022. Agreed to Comply Attachment: <a href="#">Click to View</a>
28	GREENBELT	A. International Container Transshipment Terminal (ICTT) VII. Green Belt: (i) Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines. (ii) Top soil shall be separately stored and used in the development of green belt.	PPs Submission	Noted. Agreed to Comply Attachment: NA
29	Marine/Coastal	A. International Container Transshipment Terminal (ICTT) VIII. Marine Ecology: (i) Dredging shall not be carried out during the fish breeding and spawning seasons.	PPs Submission	Noted. Agreed to Comply Attachment: NA
30	Marine/Coastal	A. International Container Transshipment Terminal (ICTT) VIII. Marine Ecology: (ii) Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.	PPs Submission	Noted. Agreed to Comply Attachment: NA
31	Marine/Coastal	A. International Container Transshipment Terminal (ICTT) VIII. Marine Ecology: (iii) The dredging schedule shall be so planned that the turbidity developed is dispersed soon enough to prevent any stress on the fish population.	PPs Submission	Noted. Agreed to Comply Attachment: NA
32	Marine/Coastal	A. International Container Transshipment Terminal (ICTT) VIII. Marine Ecology: (iv) A detailed marine	PPs Submission	Coastal and Marine Biodiversity Conservation and Resource Management Plan has been prepared by Indian Institute of Forest Management , Bhopal (IIFM) for 30 years amounting to Rs. 276.47 crores . The conservation

		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.		plan is enclosed herewith. . Revised EMP factoring this component has been submitted to MoEF&CC vide letter dated 21.12.2023 & also forwarded to MHA & is under process for approval & release of fund. Agreed to Comply Attachment: <a href="#">Click to View</a>
33	Marine/Coastal	A. International Container Transhipment Terminal (ICTT) VIII. Marine Ecology: (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.	PPs Submission	Noted & will be complied as per proposed conservation & Management Plan on Marine Ecology. Agreed to Comply Attachment: NA
34	Marine/Coastal	A. International Container Transhipment Terminal (ICTT) VIII. Marine Ecology: (vi) The project proponent shall ensure that water traffic does not impact the aquatic wildlife sanctuaries that fall along the stretch of the river.	PPs Submission	Noted. Agreed to Comply Attachment: NA
35	Statutory compliance	B. Township & Area development I. Statutory compliance: i. The project proponent shall obtain all necessary clearance/ 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
36	Statutory compliance	B. Township & Area development I. Statutory compliance: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
37	Statutory compliance	B. Township & Area development I. Statutory compliance: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.	PPs Submission	In -Principal approval/Stage 1 Clearance has been granted for diversion of 130.75 sq.km of forest land (121.87 sq.km of forest land & 8.88 sq.km of deemed forest) in three phases under section -2 (ii) of Forest (Conservation ) Act,1980 by MoEF&CC (Forest Conservation Division) . Agreed to Comply Attachment: <a href="#">Click to View</a>
38	Statutory compliance	B. Township & Area development I. Statutory compliance: 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.	PPs Submission	CTE will be obtained prior to commencement of the construction work on site. Agreed to Comply Attachment: NA
39	Statutory compliance	B. Township & Area development I. Statutory compliance: v. The project proponent shall obtain the necessary permission for draw 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
40	Statutory compliance	B. Township & Area development I. Statutory compliance: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
41	Statutory compliance	B. Township & Area development I. Statutory compliance: viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly	PPs Submission	Noted Agreed to Comply Attachment: NA
42	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development 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	PPs Submission	Noted & will be complied with. Agreed to Comply Attachment: NA

		requiring Environmental Clearance shall be complied with.		
43	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	PPs Submission	Air Quality Monitoring & Preservation plan is part of proposed EMP will be implemented on site both during construction & operation phase. Agreed to Comply Attachment: NA
44	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
45	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
46	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: 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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site	PPs Submission	Noted Agreed to Comply Attachment: NA
47	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: vi. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	PPs Submission	Noted Agreed to Comply Attachment: NA
48	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: vii. Wet jet shall be provided for grinding and stone cutting	PPs Submission	Noted. Agreed to Comply Attachment: NA
49	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	PPs Submission	Noted Agreed to Comply Attachment: NA
50	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
51	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: 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	PPs Submission	Noted Agreed to Comply Attachment: NA
52	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
53	AIR QUALITY MONITORING AND PRESERVATION	B. Township & Area development II. Air quality monitoring and preservation: xii. For indoor air quality the ventilation provisions as per National Building Code of India.	PPs Submission	Noted Agreed to Comply Attachment: NA
54	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: i. The natural drain system	PPs Submission	Noted Agreed to Comply

		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.		Attachment: NA
55	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	PPs Submission	Noted Agreed to Comply Attachment: NA
56	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
57	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
58	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted & will be factored in the Final Master Plan being prepared for Township Agreed to Comply Attachment: NA
59	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
60	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: viii. Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	PPs Submission	Noted Agreed to Comply Attachment: NA
61	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
62	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	PPs Submission	Noted Agreed to Comply Attachment: NA
63	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted & will be factored in the Final Master Plan being prepared for Township Agreed to Comply Attachment: NA
64	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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	PPs Submission	Noted. Agreed to Comply Attachment: NA

		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.		
65	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: xiii. All recharge should be limited to shallow aquifer.	PPs Submission	Noted. Agreed to Comply Attachment: NA
66	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
67	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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	PPs Submission	Noted Agreed to Comply Attachment: NA
68	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
69	WATER QUALITY MONITORING AND PRESERVATION	B. Township & Area development III. Water quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
70	Noise Monitoring & Prevention	B. Township & Area development - 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. ii. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
71	ENERGY PRESERVATION MEASURES	B. Township & Area development - V. Energy Conservation measures: i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be	PPs Submission	Noted Agreed to Comply Attachment: NA

		<p>ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. 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-laws 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.</p>		
72	WASTE MANAGEMENT	<p>B. Township &amp; Area development - VI. Waste Management: i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p>	PPs Submission	<p>Noted. Agreed to Comply Attachment: NA</p>
73	WASTE MANAGEMENT	<p>B. Township &amp; Area development - VI. Waste Management: 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</p>	PPs Submission	<p>Noted Agreed to Comply Attachment: NA</p>
74	WASTE MANAGEMENT	<p>B. Township &amp; Area development - VI. Waste Management: 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.</p>	PPs Submission	<p>Noted Agreed to Comply Attachment: NA</p>
75	WASTE MANAGEMENT	<p>B. Township &amp; Area development - VI. Waste Management: 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.</p>	PPs Submission	<p>Noted Agreed to Comply Attachment: NA</p>
76	WASTE MANAGEMENT	<p>B. Township &amp; Area development - VI. Waste Management: 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.</p>	PPs Submission	<p>Noted Agreed to Comply Attachment: NA</p>
77	GREENBELT	<p>B. Township &amp; Area development - VII. Green Cover: i. A minimum of 1 tree for every 80 sqm of land should be planted</p>	PPs Submission	<p>Noted Agreed to Comply</p>

		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. 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.		Attachment: NA
78	MISCELLANEOUS	B. Township & Area development - 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
79	MISCELLANEOUS	B. Township & Area development - VIII. Transport 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
80	MISCELLANEOUS	B. Township & Area development - VIII. Transport 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
81	Statutory compliance	C. 450 MVA 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. 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 be obtained from CGWA.	PPs Submission	Noted Agreed to Comply Attachment: NA
82	AIR QUALITY MONITORING AND PRESERVATION	C. 450 MVA Gas and Solar based power plant. II. Air quality monitoring and Management: i. Stacks of prescribed height shall be provided with continuous online monitoring instruments for SOX, NOx and Particulate Matter as per extant rules. 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,	PPs Submission	Noted. Agreed to Comply Attachment: NA

		transfer points, loading and unloading areas, etc.		
83	Noise Monitoring & Prevention	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. ii. Persons exposed to high noise generating equipment shall use Personal Protective Equipment (PPE) like earplugs/ear muffs, etc. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
84	Human Health Environment	C. 450 MVA Gas and Solar based power plant. 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 vascular resistance. Similarly, the study shall also assess the health impacts due to air polluting agents. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
85	Risk Mitigation and Disaster Management	C. 450 MVA Gas and Solar based power plant. 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 Organisation (PESO). Sulphur Content in the liquid fuel should not exceed 0.5%. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
86	Human Health Environment	C. 450 MVA Gas and Solar based power plant. V. Risk Mitigation and Disaster Management: 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. (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. (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 CTSDF. (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. (v) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. (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	PPs Submission	Noted Agreed to Comply Attachment: NA

		the form of temporary structures to be removed after the completion of the project. (vii) Occupational health surveillance of the workers shall be done on a regular basis.		
87	Corporate Environmental Responsibility	C. 450 MVA Gas and Solar based power plant. 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 / 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
88	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. 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.	PPs Submission	Newspaper advertisement has been published in local newspapers namely Daily Telegram and Dweep Samachar on 12.11.2022 & also in the vernacular language namely Andaman Kural on 12.11.2022. Complied Attachment: <a href="#">Click to View</a>
89	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous: (ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of 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.	PPs Submission	The copies of the environmental clearance has been forwarded to the Heads of local bodies. Complied Attachment: NA
90	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous: (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.	PPs Submission	Six-monthly report on the status of the compliance of the stipulated environmental conditions is being submitted via PARIVESH portal. Being Complied Attachment: NA
91	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous:(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.	PPs Submission	Noted Agreed to Comply Attachment: NA
92	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
93	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous (viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	PPs Submission	Noted Agreed to Comply Attachment: NA
94	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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.	PPs Submission	Noted Agreed to Comply Attachment: NA

95	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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).	PPs Submission	Noted Agreed to Comply Attachment: NA
96	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
97	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
98	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (xiii) The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	PPs Submission	Noted Agreed to Comply Attachment: NA
99	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
100	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
101	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous : (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.	PPs Submission	Noted Agreed to Comply Attachment: NA
102	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous: (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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
103	MISCELLANEOUS	C. 450 MVA Gas and Solar based power plant. F. Miscellaneous: (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.	PPs Submission	Noted Agreed to Comply Attachment: NA

## Document uploaded by the PP

## Last Site Visit Report (if available)

NA

## Last Site Visit Report Date (if available)

## Additional Attachment (if any)

NA

## Additional Remarks (if any)

As of current date, no construction activity commenced on ground.

I 'M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd.' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

## Cover Letter From RO/SRO

Cover Letter From RO/SRO

NA

Back



अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1601/ANIIDCO/Projects/2020-2021/Vol. XIV/2396. Dated: 2<sup>nd</sup> January- 2024

To

Shri R. Hemanth Kumar, IFS  
Deputy Director General of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office, 1st and 2nd Floor, Handloom Export Promotion Council,  
34, Cathedral Garden Road, Nungambakkam, Chennai - 34

Sub: Submission of Six Monthly Compliance Report (Dec 2023) against the Environmental Clearance letter vide File No.: 10/17/2021-IA.III - proposal no. IA/AN/NCP/260108/2021 dated 04.11.2022 for Development of Greenfield International Airport (4000 Peak Hour Passengers-PHP) at Great Nicobar Island, Nicobar District - reg.

Sir,

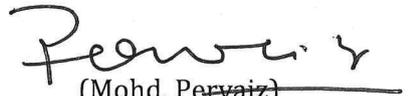
This has reference to your letter dated 04.11.2022 regarding granting of EC & CRZ Clearance for Development of Greenfield International Airport (4000 Peak Hour Passengers-PHP) at Great Nicobar Island, Nicobar District.

In compliance with the EC & CRZ Clearance, SACON has prepared the Bird Hazard Risk Assessment and Biodiversity Management Plan exclusively for greenfield international airport project. The same has also been factored in the wildlife conservation plan and proposal has been submitted to MHA with a copy to MoEF&CC for release of funds vide letter dated 29.05.2023 **(copy enclosed)**. MHA, vide their letter No. 15020/04/2023-Plg.Cell (IDA) dated 22.08.2023, conveyed the "In-Principle" approval from the Department of Expenditure, Ministry of Finance, for the holistic development of Great Nicobar Island. The release of fund by MHA is awaited.

Airport Authority of India (AAI) is in the process of finalizing the DPR for the Airport. We would like to further inform that no construction work has started on ground & necessary action for monitoring of air, water, noise, etc., will be undertaken before start of the construction by the Project Proponent or SPV implementing the Project.

Yours faithfully

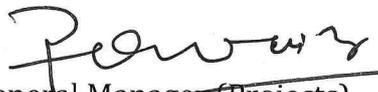
Encl: A/A

  
(Mohd. Pervaiz)  
General Manager (Projects)

Contd.... p - 2/

Copy to:

1. Joint Secretary, Ministry of Port, Shipping & Waterways, Parivahan Bhavan, 1, Parliament Street, New Delhi.
2. Joint Secretary, Ministry of Civil Aviation, Rajiv Gandhi Bhawan, Block B, Safdarjung Airport Area, New Delhi-110003.
3. Deputy Secretary (UT), Ministry of Home Affairs, Govt. of India, North Block, New Delhi - 110001.
4. Commissioner-cum-Secretary (Environment & Forests), A&N Administration, Port Blair.
5. PCCF, Department of Environment and Forests, A&N Administration.
6. Addl. Principal Chief Conservator of Forests, Andaman and Nicobar Coastal Zone Management Authority, Van Sadan, Haddo, Port Blair, Andaman & Nicobar Islands.
7. Member Secretary, Andaman and Nicobar Coastal Zone Management Authority, Van Sadan, Haddo, Port Blair, Andaman & Nicobar Islands.
8. Member Secretary, Andaman & Nicobar Islands Pollution Control Committee (ANIPCC), Department of Science and Technology, Dollygunj, Port Blair - 744103, South Andaman, A & N Islands.

  
General Manager (Projects)



अण्डमान तथा निकोबार द्वीपसमूह समन्वित विकास निगम लिमिटेड  
(सरकारी उपक्रम)

ANDAMAN AND NICOBAR ISLANDS  
INTEGRATED DEVELOPMENT CORPORATION LTD  
(A Government undertaking)

CIN: U74999AN1988SGC000028, GSTIN: 35AACCA4070B1ZB

F. No. 1-1754/ANIIDCO/Projects/2022-23/597.

Dated: 29<sup>th</sup> May 2023

To,

The Joint Secretary (UT)  
Ministry of Home Affairs  
Govt. of India, North Block, New Delhi - 110001

Sub: Wildlife conservation plans for holistic development of Great Nicobar Island project - reg.

Sir,

This has reference to our letter of even number dated 15.02.2023 and subsequent correspondence and discussion regarding wildlife conservation plans for holistic development of Great Nicobar Island project. Based on the conservation plans submitted by WII, ZSI, SACON, BSI, IIFM and Forest Department, the wildlife conservation plan for 30 years works out to Rs. 2047.63 crores.

As discussed in the meeting held on 17.04.2023, matter was taken up with WII, ZSI, SACON, BSI and IIFM for budget for conservation plan for the first year and confirmation of the amount for the budget for 5/10 years of conservation with the objective of achieving tangible outcomes. The institutes submitted their reply with regard to the first year budget for conservation plan including the provision for supervision and monitoring by Forest Department amounting to Rs. 7.94 crores. The proposal was examined in consultation with Forest Department and Forest Department has proposed a budget of Rs. 2.00 crores for the first year. The brief of the budget for the first year wildlife conservation plan is as under:

(Rs. in Crores)

Sl. No.	Particulars	For Institutes	Monitoring by Forest Dept.	Budget for 1 <sup>st</sup> year	Remarks
1.	Conservation and long-term monitoring of Leatherback Sea Turtle	9.22	0.60	9.22	WII vide letter dated 01.05.2023 submitted the first year budget for preparing the wildlife conservation plan and informed that the amount for the budget for 5/10 years of conservation plan will be confirmed shortly (Annexure-1).
	Movement ecology and population connectivity of the endemic Nicobar Megapode	1.98		1.98	
	Conservation & Management Plan of Salt Water Crocodile	4.67		4.67	
	Monitoring cost by Forest Department	---		0.60	
	<b>Sub Total (1)</b>	<b>15.87</b>	<b>0.60</b>	<b>16.47</b>	

Contd....p - 2/

Sl. No.	Particulars	For Institutes	Monitoring by Forest Dept.	Budget for 1 <sup>st</sup> year	Remarks
<b>SACON</b>					
2.	Conservation of Nicobar Megapode	12.75	0.25	12.75	SACON vide e - mail dated 21.04.2023 submitted that the conservation plan submitted vide e - mail dated 12.01.2023 contain year wise activities and budget requirement and the budget submitted remains the same (Annexure - II).
	Conservation Plan for Long-tailed Macaque	5.11		5.11	
	Conservation Plan for endemic and tree cavity nesting birds	3.53		3.53	
	Conservation Plan for Coconut Crab	1.86		1.86	
	Bird Hazard Risk Assessment Study for Airport	1.47		1.47	
	Biodiversity Management Plan for Airport	---		---	
	Budget for Forest Department and other Infrastructure support, monitor and supervise the projects	---		0.25	
<b>Sub Total (2)</b>		<b>24.71</b>	<b>0.25</b>	<b>24.96</b>	
<b>BSI</b>					
3.	Conservation of Native Flora & monitoring of non-native and invasive plant species and their impact	1.10	0.25	1.35	BSI vide e - mail dated submitted the first year budget and informed that opening of account is under process and details of the same will be communicated shortly (Annexure- III)
<b>Sub Total (3)</b>		<b>1.10</b>	<b>0.25</b>	<b>1.35</b>	
<b>ZSI</b>					
4.	Conservation and Management of Coral Reefs	16.74	0.60	16.74	ZSI vide e - mail dated 24.04.2023 submitted that first year budget requirement is mentioned in the proposal itself and the same may be considered (Annexure - IV).
	Conservation and Management Plan for Intertidal Marine Fauna	7.02		7.02	
	Monitoring cost by Forest Department	---		0.60	
	<b>Sub Total (4)</b>	<b>23.76</b>		<b>0.60</b>	
<b>IIFM</b>					
5.	Coastal and Marine Biodiversity Management Plan	14.72	0.30	15.02	IIFM vide letter dated 21.04.2023 submitted that the activity and budget for the conservation plan already submitted vide their letter dated 12.01.2023 (Annexure - V)
	<b>Sub Total (5)</b>	<b>14.72</b>	<b>0.30</b>	<b>15.02</b>	

Sl. No.	Particulars	For Institutes	Monitoring by Forest Dept.	Budget for 1 <sup>st</sup> year	Remarks
<b>Forest Department</b>					
1.	Conservation and restoration plan of Mangrove	0.58	---	0.58	Forest Department vide letter dated 04.05.2023 submitted the proposal (Annexure - VI)
	Zero predation plan of sea turtles	0.86	---	0.86	
	<b>Sub Total (6)</b>	<b>1.44</b>	<b>---</b>	<b>1.44</b>	
	<b>Total (1+2+3+4+5+6)</b>	<b>81.60</b>	<b>2.00</b>	<b>83.60</b>	

The proposal for first year budget for wildlife conservation plan is submitted to MHA for approval and release of the fund to the institutes and Forest Department.

Yours faithfully



(Veditha Reddy, IAS)  
Executive Director (GNI)

Copy to:

Shri Amardeep Raju, Scientist-E, IA - (Infra-1 sector), Ministry of Environment, Forest and Climate Change, Government of India, Indira Paryavaran Bhawan, 3<sup>rd</sup> Floor, Vayu Wing, JorBagh Road, Aliganj, New Delhi - 110 003.



Executive Director (GNI)



परिवेश  
PARIVESH  
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



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अमृत महोत्सव



सत्यमेव जयते

Back

View Compliance Report at Project Proponent

Proposal Details

**Proposal No**

IA/AN/NCP/260108/2021

**Category**

INFRA-1

**Name of Project**

Environmental Clearance and CRZ Clearance for Development of Greenfield International Airport (4000 Peak Hour Passengers PHP) at Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd .

**Plot / Survey/ Khasra No.**

**Village(s)**

**Sub-District(s)**

**State**

ANDAMAN AND NICOBAR ISLANDS

**District**

NICOBARS

**MoEF File No**

10/17/2021-IA-III

**Name of the Entity/  
Corporate Office**

M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd

**Entity's PAN**

NA

**Entity Name as per PAN**

NA

**Entity details mentioned above is correct ?**

Agree

**Project KML**

NA

Covering Letter

**Covering Letter**

[Click to View](#)

Compliance Reporting Details

**Reporting Year**

2023

**Reporting Period**

01 Dec(01 Apr - 30 Sep)

**Remark(if any)**

As of current date , no construction work has commenced on ground.

Details of Production and Project Area

**Date of Commencement of Project/Activity**

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	7.03	0
Forest	1.42	0
Others	0	0
Total	8.45	0

**PRODUCTION CAPACITY**

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Greenfield International Airport ( as part of Holistic Development of Great Nicobar Island)	Others: Peak Hour Passengers- PHP	4000				0

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	i. Construction activity shall be carried out strictly according to the provisions of the ICZR Notification, 2019. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	PPs Submission	Noted. Agreed to Comply Attachment: NA
2	Statutory compliance	ii. All the recommendations and conditions specified by the Andaman Nicobar Coastal Zone Management Authority (ANCZMA) vide letter dated 8 th July, 2022 shall be complied with.	PPs Submission	Noted. Agreed to Comply Attachment: NA
3	Risk Mitigation and Disaster Management	iii. The project proponent shall provide for adequate fire safety measures and equipment as per National Building Code/required by Fire Service Act of the State and instructions issued by the local Authority/Directorate of fire, from time to time. Further, the project proponent shall take necessary permission/NOC regarding fire safety from Competent Authority as required.	PPs Submission	Noted. Agreed to Comply Attachment: NA
4	Statutory compliance	iv.The project proponent shall obtain all necessary clearance/ 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.	PPs Submission	Will be obtained prior to commencement of the project construction activity on site. Agreed to Comply Attachment: NA
5	WATER QUALITY MONITORING AND PRESERVATION	v. Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, gardening, DG & HVAC Cooling and misc. purposes.	PPs Submission	This will be complied prior to the commencement of the operation activity. As of current date , no construction work has commenced on ground. Agreed to Comply Attachment: NA
6	WATER QUALITY MONITORING AND PRESERVATION	vi.The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.	PPs Submission	Noted Agreed to Comply Attachment: NA
7	WATER QUALITY MONITORING AND PRESERVATION	vii. 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. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The waste generated during construction and operation period of the project shall be managed as per the prevailing 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
8	WASTE MANAGEMENT	viii. A separate application for TSDF shall be made to the Ministry in case of establishment of TSDF at GNI	PPs Submission	Noted. Agreed to Comply Attachment: NA
9	Risk Mitigation and Disaster Management	ix. All the facilities at the airport to be designed to withstand seismic and Tsunami hazard and detailed plan should be submitted to monitoring committee.	PPs Submission	Noted. Agreed to Comply Attachment: NA
10	Noise Monitoring & Prevention	x. All the measures to reduce noise levels during the construction phase at the Airports, has to conform to the stipulated standard of CPCB/SPCB.	PPs Submission	This will be complied prior to the commencement of the construction activity. As of current date , no construction work has commenced on ground. Agreed to Comply Attachment: NA
11	Human Health Environment	xi. SACON in collaboration with bird hazard cell of Indian Air Force will undertake Bird Hazard risk assessment studies using state of art technology. The hazard mitigation measures as suggested under the study will be integrated in the airport management and operational procedures. The studies and mitigation measures must be implemented before the flight operations begin at the airport. Proposal in this regard from SACON including satellite tagging of select species of birds, habitat studies, bird species enumeration and habitat management strategies and bird hit prevention plans shall be submitted to the PP within 15 days from the issue of	PPs Submission	SACON has prepared the Bird Hazard risk assessment study for the proposed International Airport for a 10-year period amounting to Rs.16.90 crores.The study report is enclosed herewith. Revised EMP factoring the Bird Hazard Risk assessment for the Airport has been submitted to MoEF&CC on 21.12.2023 & the proposal is under process for approval & release of funds. Agreed to Comply Attachment: NA

		EC & CRZ clearance. The scope of the project should be minimum 10 years which will include atleast 5 years of an operational phase. PP will provide funds for first five years to SACON within 3 months to urgently start bird hazard related studies as this is the key component for air safety.		
12	Human Health Environment	xii. WII and SACON has been provided funds separately under ICTT and town planning components to suggest mitigation measures for endemic Nicobar Megapod and Saltwater Crocodile. The recommendation from WII and SACON should be integrated in the biodiversity management plans of the airport.	PPs Submission	Biodiversity Management Plan for the Airport and its environment incorporating the information generated from all the other conservation plans under the Holistic Development of Great Nicobar Project has been prepared by SACON for 20 years (This plan will commence from 2032 - 2052) amounting to Rs. 2976.019 Lakhs. The copy of the Biodiversity Management Plan for the Airport is attached herewith. Being Complied Attachment: <a href="#">Click to View</a>
13	Human Health Environment	xiii. SACON will assist airport operators in wildlife management within airport premises. Adequate funds required for this to be made available to SACON by PP.	PPs Submission	Noted Agreed to Comply Attachment: NA
14	WATER QUALITY MONITORING AND PRESERVATION	xiv. No withdrawal of water from Galathea River is permitted. Galathea River must remain free of any recreational activity	PPs Submission	Noted. Agreed to Comply Attachment: NA
15	Statutory compliance	Monitoring Committee - XV. PP will establish an independent Monitoring Committee to oversee the implementation of Environmental Management Plan. The Committee will 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. Following specific composition of the committee is stipulated. The tenure of the committee will be till the completion and first five years of operations of the Airport. PP shall issue necessary orders for the constitution of the Committee with sufficient budget provisions. The composition of the Committee will be as follows; The Committee will be chaired by the representative of Ministry of Defence as designated by MoD. The other members of the committee should include representative from CPCB, Chief Wildlife Warden of A&N, representative of bird hazard cell of Indian Air Force, representative of Indian Navy, representative of Niti Aayog, representative of Collector, representative of disaster management unit, representative of Airport Authority of India, Director of SACON, Director of ZSI and Director of WII.	PPs Submission	The A& N Administration through its order dated 09.02.2023 (vide Order No.794) has formed an independent monitoring committee for overseeing the implementation of the EMP. Being Complied Attachment: <a href="#">Click to View</a>

## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	i. 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.	PPs Submission	In -Principal approval/Stage 1 Clearance has been granted for diversion of 130.75 sq.km of forest land (121.87 sq.km of forest land & 8.88 sq.km of deemed forest) in three phases for Holistic Development of Great Nicobar Island by MoEF&CC (Forest Conservation Division). The copy of the Stage 1 approval is attached. Being Complied Attachment: <a href="#">Click to View</a>
2	Statutory compliance	ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	PPs Submission	Noted, will comply if applicable. Agreed to Comply Attachment: NA
3	Statutory compliance	iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).	PPs Submission	Site-Specific Conservation Plan / Wildlife Management Plan namely Bird Hazard risk Assessment Study and Biodiversity Management plan for airport has been prepared by SACON. The same will be implemented in consultation with the A& N Forest Department. Further many other conservation plans /wildlife plans have been prepared for holistic development of Great Nicobar Island project. Being Complied Attachment: <a href="#">Click to View</a>
4	Statutory compliance	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.	PPs Submission	Noted Agreed to Comply Attachment: NA
5	Statutory compliance	v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project	PPs Submission	Noted. Agreed to Comply Attachment: NA

6	Statutory compliance	vi. Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.	PPs Submission	Noted. Agreed to Comply Attachment: NA
7	Statutory compliance	vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	PPs Submission	Noted. Agreed to Comply Attachment: NA
8	Statutory compliance	viii. 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
9	AIR QUALITY MONITORING AND PRESERVATION	I. 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 airport area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.	PPs Submission	Noted. Agreed to Comply Attachment: NA
10	AIR QUALITY MONITORING AND PRESERVATION	I. Air quality monitoring and preservation: ii. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
11	AIR QUALITY MONITORING AND PRESERVATION	I. Air quality monitoring and preservation: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
12	AIR QUALITY MONITORING AND PRESERVATION	I. Air quality monitoring and preservation: iv. Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet	PPs Submission	Noted Agreed to Comply Attachment: NA
13	AIR QUALITY MONITORING AND PRESERVATION	I. Air quality monitoring and preservation: v. The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.	PPs Submission	Noted Agreed to Comply Attachment: NA
14	AIR QUALITY MONITORING AND PRESERVATION	I. Air quality monitoring and preservation: vi. Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.	PPs Submission	Noted Agreed to Comply Attachment: NA
15	AIR QUALITY MONITORING AND PRESERVATION	I. Air quality monitoring and preservation: vii. The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.	PPs Submission	Noted Agreed to Comply Attachment: NA
16	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: i. Run off from chemicals and other contaminants from aircraft maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the State Pollution Control Board.	PPs Submission	Noted Agreed to Comply Attachment: NA
17	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: ii. Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.	PPs Submission	Noted. Agreed to Comply Attachment: NA

18	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: iii. The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.	PPs Submission	Noted. Agreed to Comply Attachment: NA
19	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: iv. Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.	PPs Submission	Noted Agreed to Comply Attachment: NA
20	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: v. Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.	PPs Submission	Noted Agreed to Comply Attachment: NA
21	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: vi. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
22	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: vii. Sewage Treatment Plant shall be provided to treat the wastewater generated from airport. Treated water shall be reused for horticulture, flushing, backwash, I-1VAC purposes and dust suppression	PPs Submission	Noted Agreed to Comply Attachment: NA
23	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: viii. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
24	WATER QUALITY MONITORING AND PRESERVATION	II. Water quality monitoring and preservation: ix. A detailed drainage plan for rain water shall be drawn up and implemented	PPs Submission	Noted Agreed to Comply Attachment: NA
25	Noise Monitoring & Prevention	III. Noise monitoring & 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
26	Noise Monitoring & Prevention	III. Noise monitoring & prevention 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
27	Noise Monitoring & Prevention	III. Noise monitoring & prevention 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
28	Noise Monitoring & Prevention	III. Noise monitoring & prevention iv. During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	PPs Submission	Noted Agreed to Comply Attachment: NA
29	Noise Monitoring & Prevention	III. Noise monitoring & prevention v. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm	PPs Submission	Noted Agreed to Comply Attachment: NA
30	ENERGY PRESERVATION MEASURES	IV. Energy Conservation measures: i. Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	PPs Submission	Noted Agreed to Comply Attachment: NA
31	WASTE MANAGEMENT	V. Waste management: i. Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical).	PPs Submission	Noted Agreed to Comply Attachment: NA
32	WASTE MANAGEMENT	V. Waste management: ii. The project activity shall conform to the Fly Ash	PPs Submission	Noted Agreed to Comply

		notification issued under the E.P. Act of 1986.		Attachment: NA
33	WASTE MANAGEMENT	V. Waste management: iii. Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Management Rules, 2016.	PPs Submission	Noted Agreed to Comply Attachment: NA
34	WASTE MANAGEMENT	V. Waste management: 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
35	WASTE MANAGEMENT	V. Waste management: v. The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of: a. Trash collected in flight and disposed at the airport including segregation, collection and disposed. b. Toilet wastes and sewage collected from aircrafts and disposed at the Airport. c. Wastes arising out of maintenance and workshops d. Wastes arising out of eateries and shops situated inside the airport complex. e. Hazardous and other wastes	PPs Submission	Noted Agreed to Comply Attachment: NA
36	WASTE MANAGEMENT	V. Waste management: vi. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals and offices), wood, waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out. Solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended.	PPs Submission	Noted Agreed to Comply Attachment: NA
37	WASTE MANAGEMENT	V. Waste management: vii. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
38	WASTE MANAGEMENT	V. Waste management: viii. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
39	GREENBELT	VI. Green Development i. Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port. ii. Top soil shall be separately stored and used in the development of green belt.	PPs Submission	Noted. Agreed to Comply Attachment: NA
40	Human Health Environment	VII. Public Hearing & Human Health Issues : i. Construction site should be adequately barricaded before the construction begins. ii. Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized. iii. Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates. iv. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. v. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. vi. Occupational health surveillance of the workers shall be done on a regular basis.	PPs Submission	Noted Agreed to Comply Attachment: NA
41	MISCELLANEOUS	VIII. 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	PPs Submission	Newspaper advertisement has been published in local newspapers namely Daily Telegram and Dweep Samachar on 12.11.2022 & also in the vernacular language namely Andaman Kural on 12.11.2022. Complied Attachment: <a href="#">Click to View</a>

		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.		
42	MISCELLANEOUS	VIII. Miscellaneous ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of 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.	PPs Submission	The copies of the environmental clearance has been forwarded to the Heads of local bodies. Complied Attachment: NA
43	MISCELLANEOUS	VIII. Miscellaneous 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
44	MISCELLANEOUS	VIII. Miscellaneous 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.	PPs Submission	six-monthly reports on the status of the compliance is being submitted on the environment clearance portal ( PARIVESH Portal). Being Complied Attachment: NA
45	MISCELLANEOUS	VIII. Miscellaneous v. 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 / forest / wildlife norms / conditions and / or shareholder's / 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
46	MISCELLANEOUS	VIII. Miscellaneous vi. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	PPs Submission	Noted. Agreed to Comply Attachment: NA
47	MISCELLANEOUS	VIII. Miscellaneous vii. 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
48	MISCELLANEOUS	VIII. Miscellaneous viii. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	PPs Submission	Noted. Agreed to Comply Attachment: NA
49	MISCELLANEOUS	VIII. Miscellaneous ix. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
50	MISCELLANEOUS	VIII. Miscellaneous x. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	PPs Submission	Noted Agreed to Comply Attachment: NA
51	MISCELLANEOUS	VIII. Miscellaneous xi. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA
52	MISCELLANEOUS	VIII. Miscellaneous xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	PPs Submission	Noted. Agreed to Comply Attachment: NA

53	MISCELLANEOUS	VIII. Miscellaneous xiii. 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
54	MISCELLANEOUS	VIII. Miscellaneous xiv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	PPs Submission	Noted. Agreed to Comply Attachment: NA
55	MISCELLANEOUS	VIII. Miscellaneous xv. 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.	PPs Submission	Noted. Agreed to Comply Attachment: NA
56	MISCELLANEOUS	VIII. Miscellaneous xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PPs Submission	Noted. Agreed to Comply Attachment: NA
57	MISCELLANEOUS	VIII. Miscellaneous xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	PPs Submission	Noted. Agreed to Comply Attachment: NA
58	MISCELLANEOUS	VIII. Miscellaneous xix. he 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/NGT and any other Court of Law relating to the subject matter.	PPs Submission	Noted. Agreed to Comply Attachment: NA
59	MISCELLANEOUS	VIII. Miscellaneous xx. 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.	PPs Submission	Noted Agreed to Comply Attachment: NA

## Document uploaded by the PP

**Last Site Visit Report (if available)**

NA

**Last Site Visit Report Date (if available)**

NA

**Additional Attachment (if any)**

NA

**Additional Remarks (if any)**

As of current date , no construction work has commenced on ground.

- I 'M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

## Cover Letter From RO/SRO

**Cover Letter From RO/SRO**

NA

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