

**Government of India
Ministry of Environment, Forest & Climate Change
(I.A. Division)**

Indira Paryavaran Bhawan
Aliganj, Jorbagh Road,
New Delhi -110003

Telefax:011: 24695398
Dated: 14th December, 2016

To,

**Dr. R D Tripathi,
Sr. Scientist,
M/s Andaman Lakshadweep Harbour Works,
Ministry of Shipping, Govt. of India,
IDA Building, Jamnagar House,
Shahjahan Road, New Delhi-110011**

Subject: Extension and widening of the Jetty at Neil Island (Andaman and Nicobar Islands) by M/s Andaman Lakshadweep Harbour Works—Environmental and CRZ Clearance reg.

Ref.: Your online proposal no. IA/AN/MIS/54013/2015 dated 14th July, 2016.

Sir,

This has reference to your online proposal no. IA/AN/MIS/54013/2015 dated 14th July, 2016 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report regarding above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that Andaman Lakshadweep Harbour Works have proposed for extension and widening of the Jetty at Neil Island (Andaman and Nicobar Islands). Existing RCC jetty of 40 x 10 m with approach Jetty of 280 m length (253 x 4m + 27x6m) is capable of berthing smaller boats having draft of 2.5 m. In order to have higher transportation capacity at Neil, wider and longer jetty with proper space for turning circle to handle bigger boats of 3.5 m draft is required. Cost of project is Rs. 35 Crore. The proposed project involves :

- (i) Solid approach (3.5 m long and 5.5 m wide) for connecting the extended portion of Jetty with land.
- (ii) Construction of RCC piled approach, 276 m long and 5.5 m wide, founded on two rows of piles to widen the existing piled approach of 280 m long.
- (iii) Widening of existing RCC jetty of 40.0 x 10 m by 5.5 m (thus, 40.0x 15.5 m).
- (iv) Extension of RCC jetty, 50.5 m long and 14.5 m wide, founded on RCC piles.
- (v) Capital dredging near berthing (from -2.5 m to -3.0 m) and at 120 m Turning Circle (from -4m to -5m), generating 38,000 cum dredge material, which will be disposed off in deep sea at about 1.5 km away from the dredging area.

2.0 It is reported that south Andaman Reserved Forest, Sir Hugh Rose Island (Chota Neil) and Wildlife Sanctuary (Turtle Nesting Ground) are located within 10 km distance. Ministry of Shipping vide letter no ALHW/DEL/5(1)/2015 dated 21st September, 2016 has

informed that the wildlife sanctuary is situated on the other side of the project location towards south east of Neil Island of project location at a distance of 7.7 km. MoEF&CC vide SO 3099 dated 28.09.2016 has notified ESZ around 97 protected areas in the Union Territory of Andaman and Nicobar Islands.

3.0 In order to prevent sediment runoff into the sea, silt screen will be provided near the construction or where chances of debris being washed. Besides, storage areas of sand and soil should be kept away from the sea. Cargo storage area will be earmarked away from the sea and storage area should have pucca floor alongwith shed to control fugitive emissions. The construction water requirement will be 5 m³/day and will be tapped from existing water supply network. No ground water will be used. Wastewater and sewage will be disposed directly into sea after treatment. Waste/used oil will be sent to authorized recyclers/re-processors.

4.0 Public hearing was held on 20th February, 2016.

5.0 Andaman and Nicobar Coastal Zone Management Authority, Department of Environment & Forests, Andaman and Nicobar Administration, vide letter no. APCCF/EPA/1/Vol XIV/272 dated 20th November, 2015 has recommended the proposed facilities to MoEF&CC. It is reported that the entire proposal /construction falls in the Inter Coastal Regulation Zone) CRZ- I and CRZ-IV areas.

6.0 All the projects related to Ports, Harbour and Dredging are listed at 7(e) of schedule of EIA Notification, 2006 and are covered under category 'A' and appraised at central level.

7.0 The proposal was considered by the Expert Appraisal Committee (Infrastructure-2) in its meetings held during 29th -31st July, 2015 and 21st -22nd September, 2016 respectively. Project Proponent and the EIA Consultant namely M/s Environmental System Consultants & Ambiente Lab Solutions Pvt. Ltd., have presented EIA / EMP report as per the TOR. EAC has found the EIA / EMP Report and additional information to be adequate and in full consonance with the presented TORs. The Committee recommended the proposal for environmental and CRZ clearance.

8.0 As per the recommendations of EAC, the Ministry of Environment, Forest & Climate Change hereby accords Environmental Clearance and CRZ Clearance for the project "Extension and widening of the Jetty at Neil Island (Andaman and Nicobar Islands) by M/s Andaman Lakshadweep Harbour Works", under the provisions of the Environment Impact Assessment Notification, 2006 & Coastal Regulation Zone (CRZ) Notification, 2011 and amendments thereto and Circulars issued thereon and subject to the compliance of the following specific conditions, in addition to the general conditions mentioned below:

A. SPECIFIC CONDITIONS:

- (i) 'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.



- (xvi) The Project Proponent shall take up and earmark adequate fund for socio-economic development and welfare measures as proposed under the CSR Programme. This shall be taken up on priority.
- (xvii) Andaman Lakshadweep Harbour Works (project proponent) shall have an environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (xviii) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.
- (xix) The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.
- (xx) Company shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Measures to be taken for protection. One set of environmental manual shall be made available at the project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.
- (xxi) Corporate Social Responsibility:
 - a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.
 - b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/ deviation/violation of the environmental or forest norms/ conditions.
 - c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
 - d) To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/ violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

B. GENERAL CONDITIONS:

- (i) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (ii) Full support shall be extended to the officers of this Ministry/ Regional Office by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (iii) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment, Forest and Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (v) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.

- (iii) The Project proponent shall ensure that there shall be no damage to the existing mangroves patches near site and also ensure the free flow of water to avoid damage to the mangroves.
- (iv) 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.
- (v) 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 report.
- (vi) The commitments made during the Public Hearing and recorded in the Minutes shall be complied with letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.
- (vii) While constructing jetty/piles, an independent monitoring shall be carried out by Government Agency/Institute to check the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.
- (viii) In order to prevent sediment runoff into the sea, silt screen shall be provided near any construction or where chances of debris washing is there. Besides, storage areas of sand and soil should be kept away from the sea.
- (ix) 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.
- (x) All the operational areas will be connected with the network of liquid waste collection corridor comprising of storm water, oily waste and sewage collection pipelines.
- (xi) 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 as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.
- (xii) Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.
- (xiii) All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF&CC along with half yearly compliance report.
- (xiv) Ships/barges shall not be allowed to release any oily bilge waste in the sea. Any effluents from the Jetty which have leachable characteristics shall be segregated and recycled/disposed as per SPCB guidelines.
- (xv) Municipal solid wastes and hazardous wastes shall be managed as per Municipal Solid Waste Rule, 2016 and Hazardous Waste Management Rule, 2016.

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- (vi) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.
- (vii) The project proponents 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 and the date of start of land development work.
- (viii) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal..
- (ix) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.

9.0 These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.

10.0 All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

11.0 The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry.

12.0 This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

13.0 Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.

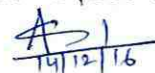
14.0 Any appeal against this Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

15.0 A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

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16.0 The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEFCC, the respective Zonal Office of CPCB and the SPCB.

17.0 The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEFCC by e-mail.


14/12/16
(A N Singh)
Scientist D

Copy to :-

1. The Secretary, Environment Department, Andaman and Nicobar Administration.
2. Additional Principal Chief Conservator of Forests, Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member Secretary, Andaman and Nicobar Islands Pollution Control Committee, Van Sadan, Port Blair-744102.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor bagh Road, New Delhi.
6. Guard File/Monitoring File/Record File.


(A N Singh)
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