

F. No. 11-63/2012-IA.III
Government of India
Ministry of Environment & Forests
(IA Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 003.

Dated: 18th March, 2013

To,
Head Projects,
Rebar Mill & Ferro Alloy Plant,
Tata Steel Ltd.,
2-B, Fortune Towers, Chandrashekharapur,
Bhubaneswar, Odisha - 751 023

Subject: CRZ Clearance for sea water intake and brine discharge from 1.2 MGD desalination plant for 400000 TPA Rebar Mill & 55.000 TPA Ferro Chrome Plant at Gopalpur Ganjam District, Odisha by M/s Tata Steel Ltd. - Reg.

This has reference to letter No: EE-5/2012 10830/F&E, Bhubaneswar dated 16.06.2012 and your letter dated 18.11.2012 seeking prior CRZ Clearance for the above project under the Coastal Regulation Zone (CRZ) Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under the Coastal Regulation Zone Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire recommendation of the State Coastal Zone Management Authority, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 19th – 21st September, 2012 and 28th - 29th January, 2013.

2. It is interalia, noted that the proposal involves construction of sea water intake and brine discharge from 1.2 MGD desalination plant for 400,000 TPA Rebar Mill & 55,000 TPA Ferro Chrome Plant at Gopalpur Ganjam District proposed by M/s Tata Steel Ltd. As per Tata Steel, this intend to put up a 400,000 TPA Rebar Mill and 55,000 TPA Ferro-chrome Plant in Chatrapur tehsil of Ganjam District in Odisha. As there is no dependable surface water source in the near vicinity of the site, Tata Steel had planned to put up a sea water desalination plant to meet make-up water requirement for Plant operations. Ultimate water requirement is envisaged at 40 MGD of desalinated water. The Rebar Mill, Ferro Chrome Plant and current 1.2 MGD capacity Desalination Plant are in non-CRZ area. Sea Water Intake, Brine Discharge Outfall, Pipelines, Sump & Pump House, etc are coming under CRZ. The proposal envisages intake Volume, 568 Cum/hr (Initial Phase), 28406 cum/hr (Final phase), Brine Discharge: 341 cum/hr (Initial Phase), 20831 cum/hr (Final Phase), Intake/Discharge: Intake & Outfall (multiple port diffusers) are located at 1000 m inside sea at

12 m water depth. Intake & Outfall are 600 m apart. 1000 m long pipelines are buried 2 m below seabed. Seawater sump and pump house beyond 200 m distance from HTL in an area of 40,000 sq m (*in CRZ III*), Pipelines for sea water intake and outfall covering in CRZ I – 300m, in CRZ III – 300 m and in CRZ IV – 1000 m, etc. Total cost of the project is Rs. 800 crores.

3. M/s National Institute of Oceanography (NIO) demarcated HTL, LTL and CRZ boundary lines at project site. Proponent assessed the marine aspects, in which the seawater quality, tidal waves and current data, bathymetry and salinity dispersion of brine discharge for the final phase have been studied.

4. Public hearing for the Main Plant was conducted on 20th September 2011. Odisha State Pollution Control Board granted 'Consent to Establish' for the project in January 2012. MoEF granted Environmental Clearance to the project on 14th August 2012.

5. The Odisha Coastal Zone Management Authority (OCZMA) considered the project in its meeting held on 08.05.2012 and recommended vide letter no. EE-5/2012 10830/F&E, Bhubaneswar dated 16th June, 2012.

6. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of CRZ Clearance for the project. Accordingly, the Ministry hereby accord necessary CRZ Clearance for the above project as per the provisions of Coastal Regulation Zone Notification, 2011, subject to strict compliance of the terms and conditions as follows:

7. SPECIFIC CONDITIONS:

- (i) Though the sumps and pump house are located beyond CRZ area, in view of its proximity to Sea, necessary prior permission shall be obtained for construction of sump from the competent Authority as applicable. Copy of the clearance shall be submitted to the Regional Office, MoEF prior to the commencement of the work.
- (ii) Screens and trash bars shall be provided to avoid entry of fishes and fish larvae in to the system.
- (iii) The outfall shall be at 1 km from shore at 12 m CD.
- (iv) All the recommendations of the CZMA shall be followed.
- (v) There shall be no disturbance to the sand dunes
- (vi) 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 MoEF along with half yearly compliance report to MoEF-RO.

- (vii) Periodic monitoring of coastal water shall be carried out at outfall location.
- (viii) No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (ix) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (x) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

8. 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 at Bhubaneswar 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 at Bhubaneswar regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment & Forests 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.
- (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 and Forests.

- (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) Odisha Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.

9. 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. 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. 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 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 and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 10 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 at Bhubaneswar.

12. 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. 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.

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

15. 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.

16. The proponent shall upload the status of compliance of the stipulated Clearance 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 MoEF, the respective Zonal Office of CPCB and the SPCB.

17. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

18. 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 Clearance conditions and shall also be sent to the respective Regional Office of MoEF by e-mail.

(Lalit Kapur)
Director (IA-III)

Copy to:

- (1) The Secretary, Department of Environment, Government of Orissa, Secretariat, Bhubaneshwar-751023.
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 110 032.
- (3) The Member Secretary, Orissa State Pollution Control Board, Bhubaneshwar-751023
- (4) The CCF, Regional Office, Ministry of Environment & Forests RO (EZ), A/3, Chandrasekharpur, Bhubaneshwar – 751023
- (5) IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
- (6) Guard file.

(Lalit Kapur)
Director (IA-III)