

F.No.10-27/2015-IA-III  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA.III Section)

Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi - 3

Date: 30<sup>th</sup> October, 2018

To,

**The Chief Engineer**

M/s Kolkata Port Trust

15, Strand Road, Kolkata-700001, West Bengal

E Mail: [ce@kolkataporttrust.gov.in](mailto:ce@kolkataporttrust.gov.in)

**Subject: Redevelopment of Cargo Handling Facilities at outer terminal (near 2<sup>nd</sup> Oil Jetty) at Haldia Dock Complex, Kolkata Port (West Bengal) by Kolkata Port Trust - Environmental & CRZ Clearance - reg.**

Sir,

This has reference to your online Proposal No. IA/WB/MIS/31632/2015 dated 4<sup>th</sup> July, 2017, submitted to this Ministry for grant of Environmental and CRZ Clearance in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and Coastal Regulation Zone (CRZ) Notification, 2011, under the Environment (Protection), Act, 1986.

2. The proposal for 'Redevelopment of Cargo Handling Facilities at outer terminal (near 2<sup>nd</sup> Oil Jetty) at Haldia Dock Complex, Kolkata Port (West Bengal) promoted by Kolkata Port Trust was considered by the Expert Appraisal Committee (Infra-2) in the Ministry in its 21<sup>st</sup> meeting held on 21-24 August, 2017, 25<sup>th</sup> Meeting held on 29-30 November, 2017 and 30<sup>th</sup> meeting held on 18-20 April, 2018.

3. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above said EAC meeting, are reported to be as under:-

- (i) The project is located at latitude 22°01'39.1"N and Longitude 88°05'29.8"E. The project is new. The total plot area is 10,000 sqm on land and 4,000 sqm on water. Total construction area of 14,000 sqm. Project will comprise of one RCC Jetty and allied structures on the shore with pipelines Buildings.
- (ii) Standard Terms of Reference was granted by MoEFCC vide F.No. 10-27/2015-IA.III dated 15.12.2015. However, additional Terms of Reference for the project was accorded by MoEF&CC vide their letter No. F.No.10-27/2015-IA.III dated 8<sup>th</sup> January, 2016 and subsequently amended vide letter dated 28<sup>th</sup> November, 2016.
- (iii) West Bengal State Coastal Zonal Management Authority (WBSCZMA) has recommended the project vide letter No. 958/EN/T-II-4/005/2017 dated 8<sup>th</sup> May, 2017.
- (iv) Public Hearing for the proposed project was conducted by West Bengal State Pollution Control Board (WBPCB) on 16<sup>th</sup> May, 2017 at the Haldia Municipality Conference Hall, Haldia, District Purba Medinipur, West Bengal

- (v) During construction phase, total water requirement is expected to be 17 KLD which will be met by Haldia Municipality. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (vi) During operational phase, total water demand of the project is expected to be 274 KLD which consists of 200 KLD supply to the ships and about 70 KLD for greenbelt and rest for others; and the same will be met by the Haldia Municipality. Wastewater generated 3.24 KLD in package water treatment plant the treated water will be used for gardening.
- (vii) Minimum quantity of solid waste will be generated from maximum 30 nos. of employees will be involved in the project. Only biodegradable wastes will be collected and disposed off by Haldia municipality. Hazardous wastes if any generated will be handed over to State Pollution Control Board authorized agency.
- (viii) The total power requirement is estimated maximum demand of Electricity is 0.7 MW and will be met from Haldia Dock Complex.
- (ix) Rooftop rainwater harvesting will not be done however the entire land of the plant area has to be levelled in such a way that Rain Water flows down to the RCC constructed Rain Water storage pond. Water will enter into the storage pond through filter bed. Filter bed will be made with different size of gravels and core sand. The filtrate will be stored in the pond. The same water will be used for industrial / fire-fighting purposes as well as for other non-critical purposes. The residue of the filter bed will be removed manually from time to time. Rain water in excess will flow into river Hooghly.
- (x) Since the project is within the boundary of Haldia Dock Complex parking facility for four wheelers and two wheelers is sufficiently available within the dock areas for 30 numbers of employees and for other visitors.
- (xi) Proposed energy saving measures would save power: For this all total 150 kWp roof top solar PV Modules (Grid connected) have been installed and commissioned at different locations within HDC. Additionally 10 kWp solar PV Power Plant (with battery backup autonomy for two days) has been installed & commissioned at Nayachar Island. Other action taken for power savings are procurement & installation of (a) HT 33KV capacitor Bank Power, (b) Energy efficient Electrical appliances (c) LED lights (d) Time switches for Proper switching on & off of electrical appliances etc.
- (xii) This port is not located within 10 km of any Eco Sensitive areas.
- (xiii) There is no/court case pending against the project.
- (xiv) Investment/Cost of the project is Rs. 94.59 Crores
- (xv) Employment potential: Directly 30 persons will be involved however there is huge indirect potential of employment due to handling of cargo.
- (xvi) Benefits of the project: To increase lock window for handling of bulk cargo inside the impounded dock basin. Increase in berth productivity, by shifting low parcel size liquid vessel to outside lock gate. De-congest impounded docks, Infrastructure facilities for industrial development, Improvement of TAT and to meet demand of the shipping trade.

4. The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level by sectoral EAC.

5. The Expert Appraisal Committee (Infra-2), after detailed deliberations on the project, has recommended the project for grant of Environmental and CRZ Clearance. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental and CRZ Clearance for the project 'Redevelopment of Cargo Handling Facilities at outer terminal (near 2nd Oil Jetty) at Haldia Dock Complex, Kolkata Port (West Bengal) promoted by Kolkata Port Trust, under the provisions of the EIA Notification, 2006 and CRZ Notification, 2011 and amendments thereto and circulars issued thereon and subject to the compliance of the following specific and general conditions as under:-

**A. SPECIFIC CONDITIONS:**

- (i) Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No construction work 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 West Bengal Coastal Zone Management Authority vide letter No. 958/EN/T-II-4/005/2017 dated 8<sup>th</sup> May, 2017 shall be complied with.
- (iii) The project proponent shall ensure that the project is in consonance with the new CZMP prepared by the State Government under the provisions of CRZ Notification, 2011.
- (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) Dredging shall not be carried out during the fish breeding season.
- (vi) Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.
- (vii) Dredged material shall be disposed safely in the designated areas.
- (viii) 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.
- (ix) While carrying out dredging, 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.
- (x) The fresh water requirement (274 KLD) for the present project will be met from Haldia Development Authority (HAD).
- (xi) Marine ecological studies as carried out under the supervision of Experts from the Centre of Advanced Study (CAS) in Marine Biology of Annamalai University, Tamil Nadu and its mitigation measures for protection of phytoplankton, zooplanktons, Macro benthos etc as given in the EIA-EMP Report shall be complied with in letter and spirit.

- (xii) A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board shall be submitted before commencement of implementation.
- (xiii) A continuous monitoring programme covering all the seasons on various aspects of the coastal environs need to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities with rich experiences in marine science aspects. The monitoring should cover various physico-chemical parameters coupled with biological indices such as microbes, plankton, benthos and fishes on a periodic basis during construction and operation phase of the project. Any deviations in the parameters shall be given adequate care with suitable measures to conserve the marine environment and its resources.
- (xiv) 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.
- (xv) The project proponents would also draw up and implement a management plan for the prevention of fires due to handling of coal.
- (xvi) Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.
- (xvii) 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.
- (xviii) All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.
- (xix) Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.
- (xx) Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.
- (xxi) 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.
- (xxii) The project is recommended for grant of Environmental and CRZ Clearance subject to final outcome/legal opinion on the Order dated 22<sup>nd</sup> November, 2017 of Hon'ble NGT in the Original Application No. 424 of 2016 (Earlier O.A. No. 169 of 2015) and Original Application No. 11 of 2014 in the matter of M/s. Mehdad & Anr. Vs. Ministry of Environment, Forests & Climate Change & Ors. and Shamsunder Shridhar Dalvi & Ors. Vs. Govt. of India & Ors.

**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 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, 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.
- (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 this clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.

6. 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.

7. 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 at Bhubaneswar.

8. 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.

9. 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.

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

11. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/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.

12. 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&CC, the respective Zonal Office of CPCB and the SPCB.

13. 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&CC, the respective Zonal Office of CPCB and the SPCB.

14. The environmental statement for each financial year ending 31<sup>st</sup> 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&CC by e-mail.

15. The above 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.

  
(Kushal Vashist)  
Director

**Copy to:**

- 1) The Secretary (Environment), Environment and Forest Department, Government of West Bengal Paura Bhavan, 4<sup>th</sup> floor, FD-415/A, Sector-III, Bidhannagar, Kolkata-700106.

- 2) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 110032.
- 3) The Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, Regional Office (EZ), A/3, Chandersekharpur, Bhubaneswar-751023.
- 4) The Chairman, West Bengal Pollution Control Board, Paribesh Bhavan, 10A, Block-L.A., Sector-III, Salt Lake City, Calcutta-700 098.
- 5) Guard File/ Record File/ Notice Board.
- 6) MoEF&CC website.

  
**(Kushal Vashist)**  
**Director**