



भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण
(पोत परिवहन मंत्रालय, भारत सरकार)

INLAND WATERWAYS AUTHORITY OF INDIA

(Ministry of Shipping, Govt. of India)

क्षेत्रीय कार्यालय : पी-७८, गार्डनरीच रोड, कोलकाता-७०० ०४३ (प० बं०)

REGIONAL OFFICE : P-78, Garden Reach Road, Kolkata - 700 043 (W.B.)

दूरभाष : 2439 0393 / 5577 / 6055, फैक्स : 2439 5570

o/c CRZ



SAGARMALA
PORT-LED PROSPERITY

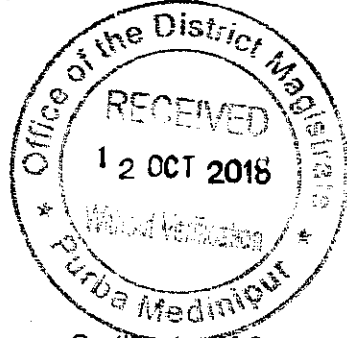
Email : iwaical@yahoo.com
dirkol.iwai@nic.in

A126
29.10.18

No : IWAI/KOL/TECH (1)/2017-18 / 1441

Dated : 11/10/2018

To
The District Magistrate
Purba Medinipur
Tamluk
Purba Medinipur



Subject : Request for displaying the Clearance Certificate of Coastal Regulation Zone (CRZ) on your official website for construction of Multi Modal Terminal at Haldia

Sir,

Inland Waterways Authority of India (IWAI), Ministry of Shipping, Government of India is implementing the Jal Marg Vikas Project (JMVP) of capacity augmentation of navigation on National Waterway - 1.

The project interventions including construction of a Multi Modal Terminal at Haldia (District Purba Medinipur, West Bengal) within the Haldia Dock Complex. The Ministry of Environment, Forest and Climate Change (MoEF&CC), Govt of India accorded CRZ (Costal Regulation Zone) clearance on 06th November 2017 to the "Inland Waterways Authority of India" for Haldia, District Purba (East) Medinipur, West Bengal under the provisions of the CRZ Notification, 2011.

As per general condition (Part-B-VIII), issued by the Ministry of Environment, Forest and Climate Change, Govt. of India mentioned that a copy of clearance letter shall be displayed on the website of State Pollution Control Board.

Please find the attached clearance letter of CRZ from the Ministry of Environment, Forest and Climate Change, Govt. of India for displaying in your organization website.

Yours faithfully

11/10/18
(A. Selvakumar)

Director & Engineer-In-Charge

Copy to:

- Chief Engineer- II Cum Project Manage, IWAI, JMVP, Noida
- Environment Specialist, IWAI, JMVP, Noida

ADM (6)
AD

Head Office : A-13, Sector-I, NOIDA, U.P. Pin - 201301

Phone : 0120-2543972 / 4004 / 2521764, Fax : 0120-02543973 / 4009 / 4041 / 2521664

E-mail : iwainoi@hub.nic.in Website : www.iwai.nic.in / www.iwai.gov.in

F.No. 19-114/2017-IA.III
Government of India
Ministry of Environment, Forest and Climate Change

22264572

Indira Paryavaran Bhawan,
Jor Bagh Road,
New Delhi-110003
Date: 19th December, 2017

OFFICE MEMORANDUM

Sub: Status of CRZ Clearance of proposed Inland Waterways Authority of India (IWA) regarding

The undersigned is directed to refer to Ministry of Shipping, New Delhi D.O.No. IW-1100039-2016-IV dated 26th October, 2017 regarding status of CRZ Clearance of proposed Inland Waterway Multi Model Terminal at Haldia, District Purbi Medinipur, West Bengal by M/s Inland Waterways Authority of India.

2 It is informed that CRZ clearance has been issued to the project vide this Ministry's letter No. E.O. 19-114 dated 26.11.2017 (copy enclosed).

Encl: As above

Arvind Nautiyal
ARVIND NAUTIYAL
DIRECTOR
Tel No. 24695340

Ministry of Shipping
[Shri Rajat Sachdev, Secretary]
Transport Bhawan, Connaught Place, New Delhi-110001

Inform IWA
13/12/17

D. R.

F.No.11-14/2017-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
Dated: 06.11.2017

To,

The Director
M/s Inland Waterways Authority of India
District Purbi (East), Medinipur,
West Bengal

Sub: CRZ Clearance for Inland Waterway Terminal at Haldia, District Purbi (East), Medinipur, in West Bengal - reg.

Sir,

This has reference to your proposal IA/WB/MIS/62078/2017, dated 25.04.2017 received in this Ministry for CRZ Clearance in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The proposal has been considered by the Expert Appraisal Committee (EAC)-Infrastructure Development, Coastal Regulation Zone, Building, Construction and Miscellaneous projects, in 170th meeting held on May 11, 2017. The details of the project, as per the documents submitted by you and as informed during the aforesaid meetings of the EAC are noted as under:

- (i) The proposed project i.e. construction of Inland Waterways Terminal (IWT) at Haldia is part of the 'Jal Marg Vikas Project' (JMVP) and is one of the project monitored by the Prime Ministers' Office under Pragati. The Public Investment Board on 06.03.2017 has recommended approval for the phase-I of the JMVP.
- (ii) The terminal will be developed within the Industrial Zone of Haldia Dock complex and will include jetty, berth, storage sheds, roads green area, administrative building, silos and other allied facilities. The proposed Halida terminal on National Waterways-1 (NW-1) will facilitate the bulk transportation of material and products through barges at lower coast and provide an opportunity for business and employment. Considering the potential of NW-1 transport mode IWAI has designed this terminal catering to the need of Halida Industrial belt. Inland water way transport is the most efficient and environment friendly mode of transportation, involving least CO2 emissions when compared to rail and road transport.
- (iii) The project is aimed at increasing transportation of goods through National Waterways-1 from Haldia to Allahabad and also augment the navigational capacity of NW-2, presently up to Bangladesh, thereby reducing the cost of transport on land. The present project proposal consists of 5 berths for handling of different cargos viz. coal, stone aggregates, fertilizers, fly ash, edible oil and POL amounting to a total capacity of 4.07 MTPA. This will be one of its first kind opening a gateway of inland water transport to the North-East region of the country.
- (iv) The area where the jetties would be constructed belongs to Kolkata Port Trust having proper draught. The activity is permissible in terms of para no. 4 (i) of CRZ Notification, 2011.
- (v) Project site partially falls under CRZ-IB, CRZ II and CRZ-IVB zone.

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- (vi) No mangroves or any other ecological entities are located in the project site.
- (vii) Direct employment of about 400-600 and indirect employment of about 4000-6000 are likely to be generated.
- (viii) CRZ map in scale of 1:4000 and 1:25000 covering 7 km radius of project site have been prepared by Institute of Remote Sensing, Anna University, Chennai.
- (ix) The West Bengal State Coastal Zone Management Authority has recommended the project for CRZ Clearance vide their letter No. 135/EN/T-II-4/018/2015 dated 24.01.2017.
- (x) Haldia was declared by CPCB a "Critically Polluted area (CPA's) by Advt. No. B-29012/ESS/CPA/2010. However, the moratorium has now been lifted vide MoEF office Memorandum NJ-11013/5/2010-IA dated 17.9.2013.
- (xi) The proposed terminal site from 500m-10km area around falls in Zone -IV high damage risk zone as per seismic zonal map of India and high cyclone risk zone.
- (xii) Hoogly river passes along the southern boundary of the terminal and the Haldi river is located about 9.5 km west of the proposed terminal.
- (xiii) Environmental impacts are of low to moderate significance. Environmental impacts are anticipated both during construction and operation phase. Major impacts anticipated are dust generation, occupational health & safety hazards, water quality degradation and impact on aquatic flora. However detailed management plan is prepared for the project which comprises of mitigation measures, preventive and environmental codes of practices measures. EMP if implemented will potentially reduce the anticipated impacts due to project.
- (xiv) The proposed investment cost will be about Rs 517.10 crores.

3. Based on the information submitted by you as at para no. 2 above and others and information made during the presentation before the EAC, the Ministry of Environment, Forest and Climate Change hereby accords CRZ Clearance to the above project viz '*Inland Waterway Terminal at Haldia, District Purbi (East), Medinipur, West Bengal*' under the provisions of the CRZ Notification, 2011 and amendments thereto and circulars issued thereon, and subject to the compliance of the following specific and general conditions as under:

PART A – SPECIFIC CONDITIONS:

- (i) All conditions/recommendations stipulated by the West Bengal Coastal Zone Management Authority (WBCZMA) vide its letter no. 135/EN/T-II-4/018/2015, dated 24.01.2017 shall strictly be complied with.
- (ii) Any other clearances, as may be applicable, under other rules/notifications/orders issued under the provisions of EIA Notification, 2006, shall be obtained, prior to commencement of the proposed activity.
- (iii) '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.
- (iv) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

- (v) The construction in CRZ areas shall strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (vi) The project shall be implemented in a manner such that it is consistent with the Government of India's mission on Clean Ganga and serves as role model for Inland Water Transport.
- (vii) The project proponent shall take necessary directives from National Ganga River Basin Authority before execution of the project.
- (viii) The project proponent shall commission a study on Gangetic Dolphin habitats and formulate road map for its conservation within a time bound manner not exceeding **two years**.
- (ix) The project proponent shall ensure that restoration plan for mudflat (in and around the vicinity of the project areas) is developed with specific focus on waders and other migratory species during the course of development of the project itself. Non-vegetated mudflats shall be maintained as it is and no mangrove afforestation should be undertaken on the same.
- (x) A robust scientific study on data of fish fauna available in the Ganges shall be carried out from an institute of national repute and report submitted within **one year** to the Regional Office of the Ministry and the Ganga Basin Authority.
- (xi) The project proponent shall ensure that implementation of the Oil Spill Contingency Plan is regularly monitored and observations documented and submitted to the concerned authority of the State Government.
- (xii) Surface water contamination shall be monitored periodically in order to prevent contamination of run-off water getting mixed of contaminated run-off with river. The monitoring results shall be submitted periodically to the State Pollution Control Board and the regional office of the Ministry.
- (xiii) In order to ensure that the fishing community are not disturbed during their course of fishing activity, the project proponent shall ensure that barge movement shall be restricted to channel area only and the speed of barges are efficiently regulated.
- (xiv) The project proponent shall provide arrangement for Fish Drying beds with prior consultation with the fishing community. In addition, the project proponent shall ensure rehabilitation and resettlement of the fishermen communities in the event the project impacts existing livelihood pattern of these communities.
- (xv) There shall be no disposal of solid or liquid wastes on the coastal area. Solid waste management shall be as per Solid Wastes Management Rules, 2016. A team comprising of members of the WBCZMA and others with expertise in the subject shall visit the project site periodically during the construction phase to supervise and suggest additional measures if desired.
- (xvi) Status of implementation of the specific and general conditions prescribed in the recommendations made by the West Bengal Coastal Zone Management Authority shall be submitted to all concerned agencies including regional office of the Ministry of Environment, Forest and Climate Change.

- (xvii) There shall be no dressing or alteration of the sand dunes, natural features including landscape changes for beautification, recreation and other such purpose.
- (xviii) All waste (liquid and solid) arising from the proposed development will be disposed off as per the norms prescribed by Central/State Pollution Control Board. There shall not be any disposal of untreated effluent in to the sea/coastal water bodies.
- (xix) Soil and ground water samples shall be regularly collected from the project site and tested from an NABL accredited laboratory to ascertain that there are no threat to ground water quality by leaching of heavy metals and other toxic contaminants. In case, contamination is observed, immediate remedial action shall be undertaken and the concerned agency in the State Government shall be informed.
- (xx) Disposal of muck during construction phase should 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.
- (xxi) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board, as may be applicable.

PART – B: GENERAL CONDITIONS

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
- (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 be submitted by the project proponents to the Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (iv) The Ministry of Environment, Forest & 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 to 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.
- (vii) 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.

2/10/16

- (vii) A copy of the CRZ 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.
4. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 5. The above stipulations would be enforced among others under the provisions of the 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, the EIA Notification, 2006 and the CRZ Notification, 2011.
 6. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
 7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance 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.
 8. 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.
 9. The project proponent should 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 (SPCB) 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 Nagpur.
 10. 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.
 11. 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.
 12. 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.
 13. The proponent shall upload the status of compliance of the stipulated 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

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of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) 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.

14. 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 conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.


(Arvind Nautiyal)
Director

Copy to:

1. The Secretary, Department of Environment Forests, Science and Technology, Government of West Bengal State Council of Science & Technology Bikash Bhawan, North Block (4th Floor) Salt Lake, Sector III Kolkata - 700091
2. The Chairman, West Bengal State Council of Science & Technology Bikash Bhawan, North Block (4th Floor) Salt Lake, Sector III Kolkata - 700091
3. The Chairman, CPCB, Parivash Bhawan, CBD-cum-Office Complex, East Anand Nagar, Delhi - 110032
4. The Member Secretary, West Bengal Pollution Control Board, Paribesh Bhavan, 10A, Block-L.A., Sector III, Salt Lake City, Calcutta - 700 098
5. The APCCF (C), MoEF&CC Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar - 751023
6. Guard File.
7. Monitoring Cell.


(Arvind Nautiyal)
Director