

F. No. 11-140-2010-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: 28<sup>th</sup> February, 2020

To,

**The Chief Engineer,**  
**M/s Kolkata Port Trust,**  
Civil Engineering Department,  
15, Strand Road, Kolkata - 1 (West Bengal)  
E-mail: [ce@kopt.in](mailto:ce@kopt.in)

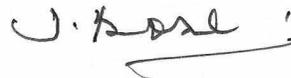
**Subject: Development of Port facilities at Haldia Dock-II at Mouza Shalukkhali & Rupnarayanchak, P.S. Sutahata, District East Mednipore in West Bengal by M/s Kolkata Port Trust - Amendment in Environmental and CRZ clearance - reg.**

Sir,

This has reference to your online proposal No. IA/WB/MIS/123291/2019 dated 26.10.2019 submitted to this Ministry for amendment in Environmental and CRZ Clearance granted to M/s Kolkata Port Trust for Development of Port facilities at Haldia Dock-II at Mouza Shalukkhali & Rupnarayanchak, P.S. Sutahata, District East Mednipore in West Bengal, in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 and CRZ Notification, 2011.

2. The proposal for grant of amendment in Environmental and CRZ Clearance to the above referred project was considered by the Expert Appraisal Committee (Infra-2) in its 48<sup>th</sup> meeting held during 28-29 January, 2020. The project proponent gave a detailed presentation on the salient features of the project and informed that:

- (i) The project of "Development of Port Facilities at Haldia Dock-II at Mouza Shalukkhali & Rupnarayanchak, P.S. Sutahata, District East Mednipore in West Bengal by M/s Kolkata Port Trust" was granted Environmental & CRZ Clearance on 30.07.2015 with 04 numbers dry bulk cargo handling jetty. The project was not implemented due to lack of response from the bidders.
- (ii) Now the instant proposal is replacement of fourth jetty to liquid cargo jetty from the already approved dry bulk cargo jetty at a project cost of Rs. 172.52 Crores on design built, finance operate and transfer (DBFOT) basis to accommodate additional liquid cargo & to ease the congestion at the existing berths of Haldia Dock. The project involves the pre-project activities such as survey, planning and detailed designed of terminal facilities, construction of jetty with accessories, installation of topside facilities, such as, marine unloading arms, flexible hoses, jetty head pipe manifold with headers, jetty infrastructure such as fire fighting system and pollution control including the approach road to the jetty from the nearest road way. The connecting pipeline from the jetty head to tankage to terminal to the users will be respective user agencies. The jetty will be built on RCC piling system around 1200 mm.dia, Approach Trestle and RCC deck structure. This consists of service platforms of size 30 m x 20 m Breasting dolphins, mooring dolphins of size 15 m x 15 m each, 1.5 m wide walkways interconnecting berthing dolphins with mooring dolphins. The length of Approach trestle will be around 1.6 km from the shore having total width of 14 m with access road of 7 m with overhang of 5.8 m to accommodate pipelines for cargo discharge.
- (iii) The jetty will handle different cargo like Paraxylene/edible oil, chemicals, POL products (class 'A', 'B' & 'C') LPG & LNG. The jetty will accommodate ships of LOA 100 m to 230



m with maximum cargo load of 23,000 MT. and draft of 9 m. The cargo will be handled by flexible hose for Paraxylene and other chemical cargo and marine unloading arms for LPG, LNG, petroleum products. The deck elevation will be kept at + 8.7 m above CD. The jetty will have elaborate fire fighting facility as per OISD norm consisting of fire water system, foam system smoke detection, DCP Protection system, tower monitor etc. The power will be obtained from WBSEDCL. The electrical facilities will include Substation building, lighting, flame proof equipment and standby generator set of 500 KVA. The total handling capacity of the jetty will be around 2.43 MMTPA.

(iv) Basic Reasons for Seeking Amendment in Existing EC&CRZ clearance are as follows:

Project Details	Reasons of Amendment sought for already issued EC and CRZ Clearance on 30.07.2015	Details of ToR Obtained
<p><b>The Environment and CRZ Clearance was obtained on 30.07.2015 for 4 dry bulk cargo handling jetties.</b></p> <p>The project for which the EC was obtained consisted of 4 nos. dry bulk cargo jetties from Jetty No. 1 to Jetty No. 4 out of which Jetty No. 1 and 4 were multipurpose dry bulk cargo handling jetties where as Jetty No. 2 and 3 were mechanized dry bulk cargo handling jetties.</p>	<p>Because of market demand subsequently developed after the receipt of EC, it was henceforth decided to convert the multipurpose jetty i.e. Jetty No. 4 from dry bulk cargo handling jetty to liquid cargo handling jetty (to handle POL products chemicals, paraxylene, etc. as detailed in Table 2 under 1<sup>st</sup> amendment of ToR dated 20.09.2016.</p> <p>Subsequent to the development stated above in 2018, it was decided to add LPG and LNG to this liquid cargo handling jetty after excluding the handling of chemicals as envisaged in the year 2016.</p>	<p>The 1<sup>st</sup> ToR was obtained on 20.09.2016 based on different type of liquid bulk cargo handling facilities as detailed in the table below.</p> <p>Accordingly, application was made for change in liquid bulk cargo profile as detailed in the Table 2 as per 2<sup>nd</sup> amendment of ToR, which was obtained on 06.09.2018.</p>
<p><b>The amendment in EC and CRZ Clearance sought for will consist of 3 no. dry bulk cargo jetties and 1 no. liquid bulk cargo jetty as per project profile as stated under 2<sup>nd</sup> amendment of ToR dated 06.09.2018 (Table given below).</b></p>		

Till date no construction activity has been undertaken at site.

(v) The Salient Features of the Overall Project and Amendment sought is as follows:

ATTRIBUTES	As per EC & CRZ (30.07.2015)	As per 1 <sup>st</sup> Amended ToR (20.09.2016)	As per 2 <sup>nd</sup> Amended ToR (06.09.2018)
Capacity	23.4 MMTPA	20.89 MMTPA	21.48 MMTPA
Cargo Profile	Dry Bulk 23.4 MMTPA	<ul style="list-style-type: none"> <li>Dry Bulk 19.05 MMTPA</li> <li>Liquid Bulk 1.84 MMTPA</li> </ul>	<ul style="list-style-type: none"> <li>Dry Bulk 19.05 MMTPA</li> <li>Liquid Bulk 2.43 MMTPA</li> </ul>
Type of Cargo	Coking coal, thermal coal & other bulk cargo	Paraxylene, Phosphoric Acid, Benzene, PY Gas, CBFS, Butadiene, MEG, Ammonia, Acetic Acid, Butene-1, Streyene Monomer	LPG and LNG /Paraxylene Edible Oil & Chemicals / POL Products (Class-A, B & C)
No. of Jetty	4 (all for dry bulk cargo)	4 (3 for dry bulk cargo & 1 for liquid bulk cargo)	4 (3 for dry bulk cargo & 1 for liquid bulk cargo)
Jetty location & Length	Same	Same	Same
Project Area	160 acres	160 acres	160 acres
Project Cost	Rs. 1707.5 Crores	Rs. 1474.0 Crores	Rs. 1474.0 Crores

*J. Bose*

3. The EAC was informed that the EC&CRZ Clearance was granted by MoEFCC vide letter F.No. 11-140/2010-IA-III dated 30.07.2015. Subsequently, Kolkata Port Trust decided to install one liquid cargo jetty as displacement of one multipurpose dry bulk cargo jetty to make project viable. Accordingly, online application was submitted to MoEF&CC for getting amendment in EC&CRZ Clearance for the revised project. MoEF&CC issued ToR vide letter dated 20.09.2016 for undertaking the EIA study for the revised project. In the meantime, the liquid Cargo profile along with the cargo handling capacity was slightly revised in the context of the prevailing market condition. Accordingly, application was made for Amendment in ToR. MoEF&CC issued Amendment in ToR vide letter dated 20.09.2016 for undertaking the EIA study for the further revised project. The West Bengal State Coastal Zone Management Authority (WBSCZMA) has recommended the proposal vide letter No. 2041/EN/T-II-4/005/2014 dated 17.10.2019.

4. The EAC in its 48<sup>th</sup> meeting held during 28-29 January, 2020 deliberated upon the proposal and information submitted by the project proponent. On being satisfied with the information submitted by the project proponent and discussion held during the meeting, the Committee recommended *Amendment in the EC&CRZ Clearance accorded vide letter F.No. 11-140/2010-IA-III dated 30.07.2015*. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords following amendment in the EC&CRZ Clearance letter F.No. 11-140/2010-IA-III dated 30.07.2015:

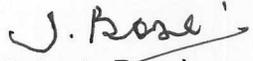
ATTRIBUTES	Details as per EC & CRZ Clearance dated 30.07.2015	Amendment granted
Capacity	23.4 MMTPA	21.48 MMTPA
Cargo Profile	Dry Bulk 23.4 MMTPA	Dry Bulk 19.05 MMTPA Liquid Bulk 2.43 MMTPA
Type of Cargo	Coking coal, thermal coal & other bulk cargo	LPG and LNG /Paraxylene, Edible Oil & Chemicals / POL Products (Class-A, B & C)
No. of Jetty	4 (all for dry bulk cargo)	4 (3 for dry bulk cargo & 1 for liquid bulk cargo)
Project Cost	Rs. 1707.5 Crores	Rs. 1474.0 Crores

The following additional conditions are also recommended:

- (i) All the recommendations and conditions specified by the West Bengal Coastal Zone Management Authority (WBCZMA) vide letter No. 2041/EN/T-II-4/005/2014 dated 17.10.2019, shall be complied with.
- (ii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018, and proposed by the project proponent, an amount of Rs. 15.37 Crore shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Local Infrastructure Development (Construction and repairing of Metal Road (15 km) in villages (@Rs. 30.0 Lakhs per Km), Construction of W/C/Toilet (2) each - 20 numbers in schools & villages (@ Rs. 3.0 Lakhs per set of 2 Toilets), Street Lighting (solar) provision at suitable public places - 70 nos. (@ Rs. 1.0 Lakh per Solar Light), Development of Parks and Tree Plantation Programme in the nearby villages, Development of local Schools in nearby areas (Construction of buildings etc)) and Other Local Development Activities (Sponsoring the projects for improving Agricultural productivity for the local crops, Training to unemployed educated local youth for skill development youth through National Skill Development Corporation, Govt. of India Scheme, Primary Health Care Centres in the nearby villages, Infrastructure for development of self-help groups among local women). The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the Regional Office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

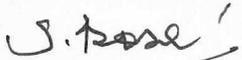


5. All other Terms and conditions mentioned in the EC and CRZ Clearance letter F.No. 11-140/2010-IA-III dated 30.07.2015 shall remain unchanged.

  
(Dr. Subrata Bose)  
Scientist F

**Copy to:**

- 1) The Secretary (Environment), Environment and Forest Department, Government of West Bengal Pura 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) 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, e.mail: wbpcbnet@wbpcb.gov.in.
- 5) Guard File/ Record File/ Notice Board.

  
(Dr. Subrata Bose)  
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