

F.No.11-17/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

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

Dated: 19th December, 2016

To,

The Director
Directorate of Lighthouses & Lightships,
Deep Bhavan, D-372/2, Taratalla Road,
Kolkata – 88 (West Bengal)

Sub: 'Establishment of New Lighthouse' at Tajpur, Ramnagar, District Purba Medinipur (West Bengal) by Directorate of Lighthouses & Lightships - CRZ Clearance - reg.

Sir,

This has reference to your proposal forwarded by Member Secretary, West Bengal State Coastal Zone Management Authority vide letter No.954/EN/T-II-4/014/2015 dated 26th April, 2016, to this Ministry for grant of CRZ Clearance in terms of the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 under the Environment (Protection) Act, 1986.

2. The proposal for '**Establishment of New Lighthouse**' at Tajpur, Ramnagar, District Purba Medinipur (West Bengal) promoted by Directorate of Lighthouses & Lightships, Ministry of Shipping, was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone, Building/ Construction and Miscellaneous projects, in its 162nd meeting held on 29-30 August, 2016.

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

(i) The project involves establishment of new lighthouse at Village Mouza Tajpur, J.L.No.-244, Plot No.438(P), Block-Ramnagar-I, P.S. Ramnagar, District Purba Medinipur (West Bengal) promoted by Directorate of Lighthouses & Lightships, Ministry of Shipping, Kolkata. The location of the project is Latitude 21° 39' 5.786 " (N) Longitude 87° 37' 53.848" (E).

(ii) The project site is approx. 185 km from Kolkata. It is 6 km away from Tajpur Mod near Bali Sahi (connected to main Contai-Digha highway) and good approach road from Tajpur Mod to Lighthouse site. It is also 6 km from Shankarpur fishing harbour.

(iii) The project site located at 357.03 m for HTL (coast) and the proposed Lighthouse location is 385.5 m from HTL (Coast). CRZ mapping has been done by IRS, Anna University, Chennai. The project site falls in CRZ-III.

(iv) **SCZMA Approval:** The West Bengal State Coastal Zone Management Authority (WBCZMA) has recommended the proposal from CRZ angle vide their letter No.954/EN/T-II-4/014/2015 dated 26th April, 2016.



(v) The total plot area is 4064.50 sqm. The project will comprise of lighthouse tower and allied building as detailed- (a) RCC lighthouse tower 30 m height 1 no. of 15.91 sqm (Tower base); (b) Single storey power house cum office room 1 no. of plinth area 99.13 sqm; (c) Single storey inspection quarter 1 no. of plinth area 88.82 sqm; (d) Single storey staff quarters 2 nos. (ALK quarter 1 no. of plinth area 60.81 sqm, Single storey LHA quarter 1 no. plinth area 47.93 sqm; (e) Sump 1 no. of 90000 liter capacity (10x5x1.8 m); and (f) Pump house 1 no. of plinth area 04.82 sqm.

(vi) Soil Investigation for tower and buildings, design of RCC Lighthouse tower foundation and superstructure has been done by Department of Civil Engineering, Jadavpur University, Kolkata. Other single storied Masonry buildings shall be made as per standard departmental drawing.

(vii) The project design has been approved by the Directorate of Lighthouses & Lightships in the Ministry of Shipping.

(viii) During construction phase, total water requirement is expected to be 810 KL which will be met by the contractor from available water source outside project site/ CRZ area. No ground water from site shall be used during construction for any purpose in any situation. Temporary sanitary toilets will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.

(ix) During operation phase, total water demand of the project is expected to be 100 Liter per day per person and two staff will be posted. Water requirement shall be met out through public supply (Panchayat supply) or purchased water from nearest available water source outside project area/CRZ area. Water will be collected in sump and provided to employee as per requirement. Human excreta/ waste water/or liquid effluents shall be collected in septic tank/soak pit. Septic tank/soak pit shall be cleaned once in a year. Inert solid waste shall be disposed off away from CRZ zone after completion of work.

(x) Inert solid waste shall be disposed off away from CRZ zone after completion of work.

(xi) The total power requirement during construction phase shall be arranged by the contractor at his own cost from local electricity department. During operation maximum 10 KW Electric supply connection shall be taken from state electricity department. An additional arrangement for solar energy shall be also made at Lighthouse. A 12.5/15 KVA DG Set (Silent & Green Energy) is proposed for standby power supply in case of power failure.

(xii) Rooftop rainwater of buildings will be collected in sump for use of our 2 nos. operational staff.

(xiii) It is not located within 10 km of any Eco-sensitive areas.

(xiv) There is no /court case pending against the project.

(xv) **Investment /Cost:** The cost of the project is Rs 4.45 crore.

(xvi) **Employment potential-** 2 nos.

(xvii) **Benefits of the project** - To help the mariners and local fishermen to navigate safely in the Indian waters.

(xviii) **Whether the Projects is in Critically Polluted area:** No.

4. The EAC, in its 162nd meeting held on 29-30 August, 2016, has recommended the project for grant of CRZ Clearance. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords CRZ Clearance to the project '**Establishment of New Lighthouse**' at Tajpur, Ramnagar, District Purba Medinipur (West Bengal) promoted by Directorate of Lighthouses & Lightships, Ministry of Shipping, under the



provisions of the CRZ Notification, 2011 and amendments thereto and subject to the compliance of the specific and general conditions as under:-

PART A - SPECIFIC CONDITIONS

- (i) The project proponent shall obtain all necessary clearances/ permission from the concerned authorities as applicable.
- (ii) All the recommendations/conditions stipulated by West Bengal Coastal Zone Management Authority (WBCZMA) vide their letter No.954/EN/T-II-4/014/2015 dated 26th April, 2016 shall be strictly complied with.
- (iii) Septic tank along with soak pit shall be provided for effluent disposal. The solid waste shall be cleared twice a year at an interval not more than six months.
- (iv) Foundation and superstructure shall be designed to withstand tsunami and earthquake impacts.
- (v) Disposal of inert solid wastes during construction shall be disposed off away from the CRZ zone after completion of work, at designated site and there shall be no disposal of solid and liquid waste in to the coastal areas.
- (vi) There shall no ground water drawl within CRZ area without approval of the competent Ground Water Authority. The water requirement of 810 KL during construction phase shall be arranged from the outside of CRZ area.
- (vii) The construction in CRZ areas shall strictly be in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (viii) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

PART B - GENERAL CONDITIONS


- (i) The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of CRZ Notification, 2011 and the approved Coastal Zone Management Plan of West Bengal.
- (ii) A copy of the 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.
- (iii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.

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5. Officials from the Regional Office of MoEF&CC, Bhubaneswar who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC should be forwarded to the APCCF, Regional Office of MoEF&CC, Bhubaneswar.
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 Bhubaneswar.
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 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.
13. The proponent shall upload the status of compliance of the stipulated clearance conditions, including result of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, respective Zonal Office of CPCB and the SPCB. The ambient air quality parameters namely; SPM, RSPM, SO₂, NO_x during construction phase shall be monitored and displayed.


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


19/12/2016
(S.K. Srivastava)
Scientist E

Copy to:

- 1) The Secretary, Department of Environment, Government of West Bengal, Kolkata (West Bengal)
- 2) The Member Secretary/Chief Environment Officer, West Bengal State Coastal Zone Management Authority, Poura Bhavan, Block – FD-415A, 4th Floor, Sector – III, Salt Lake City, Kolkata – 700 106 (West Bengal)
- 3) The Member Secretary, West Bengal Pollution Control Board, Bldg No:10-A, Block L-A, Sector III, Salt Lake City, Kolkata – 700 098 (West Bengal)
- 4) The APCCF (C), MoEF&CC, Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar – 751023 (Odisha)
- 5) The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32
- 6) Guard File.
- 7) Monitoring Cell, MoEF&CC.


19/12/2016
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