

**MINUTES OF THE 272nd MEETING OF THE EXPERT APPRAISAL COMMITTEE
FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON
27th AUGUST, 2021**

The 272nd meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 27/08/2021 through Video Conferencing due to prevalent pandemic situation. The list of members presents in EAC meeting is at **Annexure-I**.

The deliberations held and the decisions taken are as under:

2.0 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The Committee noted that in the Minutes of the 270th meeting, in respect of **item no 3.3** the cost of the project is erroneously recorded as ₹200 Crores instead of ₹20 crores. The committee recommended that typographical error may be suitably amended. The rest of the note in the minute are in order and accordingly the minute have been confirmed.

3.0 CONSIDERATION OF PROPOSALS

FRESH PRAPOSAL:

3.1 Proposal for “Setting up of a Pontoon-Berge Operation for transportation of Gypsum of Capacity 90,000 MT per month from IFFCO Gypsum stack to Paradip Port via Mahanadi River routes of Length approx. 15 km by IFFCO Ltd. for CRZ Clearance [IA/OR/CRZ/223141/2021] [F.NO.11/25/2021-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

1. The proposed project of M/s IFFCO Ltd., is for Setting up of a Pontoon-Berge Operation for transportation of Gypsum of Capacity 90,000 MT per month from IFFCO Gypsum stack to Paradip Port via Mahanadi River routes of Length approx. 15 km.

It was noted that the same project ([IA/OR/CRZ/204686/2021] [F.No 11-12/2021-IA.III]) was placed in 261st EAC meeting held on 7/04/2021 and Committee rejected proposal based on extremely poor quality and cut and paste content of EIA and suggested to re-submit completely fresh with comprehensive EIA covering impacts of the project including impact on waterways, flora and fauna. The PP was also advised that the content, quality and authenticity for the information in the report be verified before submission of the MoEFCC and such lapses be avoided in future.

The proponent has resubmitted a fresh proposal and the same was placed in the 272nd EAC, the project proponent and the consultant M/s EQMS India Pvt. Ltd. made the presentation and provided the following information:

- (i) Proposal is to transport gypsum (90,000 MT per month) through inland waterway from IFFCO plant site to Paradip port for further transportation
- (ii) Proposed project involves development of a pontoon jetty (floating platform 50 m X 15 m size) on Mahanadi River adjacent to IFFCO Plant capable to store 1500 MT of Gypsum material and handling and transportation of about 4000 MT of Gypsum per day (about 90,000 MT/month considering certain non-operational days) from the IFFCO stockyard to Paradip port.
- (iii) It will involve construction of 4 nos. of Bollards required for tying up of Pontoon and barge which will be located within the IFFCO land.
- (iv) The proposed floating platform will be used to load Gypsum onto the Barge and transport it through Mahanadi River waterway to Paradip port for further transportation.
- (v) No barge maintenance activity would be undertaken at pontoon or in the water ways.
- (vi) Gypsum from IFFCO Gypsum yard shall be transported to the pontoon jetty within the plant premises.
- (vii) About 1.5 Km long kutcha road exists within the IFFCO land boundary and this road shall be strengthened as a morrum road for transportation of gypsum.
- (viii) Since it is a floating pontoon/jetty no permanent construction will take place on riverbank of Mahanadi except 4 no. of Bollard construction.
- (ix) The 4 nos. of Bollard will be placed in a straight line about 3.0 meters away from the riverbank. The spacing arrangement of Bollard will be as follows:
 B1 to B2 and B3 to B4: 10 m spacing
 B1 to B4: 100 m spacing
 B2 to B3: 80 m spacing
 Pontoon will be tied to B1, B2, B3 and B4
 Barge will be tied to Pontoon.
- (x) Structural arrangement of Bolard will be as follows:

S. No.	Description	Dimensions
1.	Pile	600 mm dia
2.	Deck slab	1000 mm thick
3.	RCC steel Pie Bollards	10 ton

- (xi) The CRZ map in 1:4000 scale is prepared by NCSCM Chennai. As per map the proposed project area falls in CRZ IB (intertidal zone), CRZ-IVB (Mahanadi River) and CRZ II.
- (xii) The design and construction phase primarily covers construction of Bollards for anchoring of pontoon/barge and operation phase primarily covers transport of Gypsum from IFFCO plant to Paradip Port using waterways.
- (xiii) The total length of waterway route is about 15 km with a width of 50 m (ROW) against the average river channel width of >700 m.
- (xiv) The barge will be of 2200 MT capacity requiring a draft of 3 m against the available minimum draft of 10 m in the main river channel.

- (xv) The water requirement of 17 KLD will be need for gypsum handling, water sprinkling and domestic uses. The water will be sourced from Existing facility
- (xvi) Power requirement will be 3 KVA for lighting purpose only and it will be sourced from the existing IFFCO CPP.
- (xvii) About 30 persons will be employed with this project activity.
- (xviii) Odisha Coastal Zone Management Authority has recommended the project *vide* its letter No. OCZMA/62/2020/87/OCZMA, dated 17/03/2021.

2. The Committee noted that the economics / environmental aspects of project vis-à-vis cumulative pollution analysis was not provided with reference to road, rail and waterways and suggested to PP to submit comparative statement for the same alongwith relevant references. The Committee also suggested that documents /clearance from IWAI for Waterways may also be submitted. The proponent has submitted desired information via e-mail dated 27/08/2021 to all EAC Members including MoEF&CC.

3. Based on the deliberations held and submissions made, the Committee recommended the proposal for CRZ Clearance subject to following conditions:

- i) All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- ii) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project,
- iii) No construction shall be undertaken to disturb the free flow of groundwater or natural course of water.
- iv) No bunkering activities shall be carried out at project site, if any, temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- v) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- vi) Dust suppression measures during transport of Gypsum should be installed and measures to avoid spillage into waterway should be ensured.
- vii) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- viii) All safety precautions, oil spill mitigation plan and protocol should be laid out and compliance ensured.
- ix) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

3.2 Proposed Construction of Saline Embankment under Kharland Scheme near Wadapalye, Tal. Rajapur, District Ratnagiri by M/s Ratnagiri Kharland Development Division for CRZ Clearance

[IA/MH/CRZ/220090/2021[F.NO. 11/26/2021-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false/ misleading at any stage, the project will be

rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

The project proponent M/s Ratnagiri Kharland Development Division has submitted as a new proposal on Parivesh Portal for Construction of Saline Embankment under Kharland Scheme near Wadapalye, Tal. Rajapur, District Ratnagiri.

2. The EAC during deliberation, noted that an additional 5 ha of the area has been already reclaimed over and above 16 ha which was approved in the previous CRZ clearance. However, both PP and Consultant M/s Terracon Ecotech Private Limited did not mention it as a case of post-facto clearance and has submitted it as a fresh proposal as per Coastal Regulation Zone (CRZ) Notification, 2011 for CRZ Clearance from the Ministry. This matter came to the notice of the Committee during examination of EIA document and the discussion that followed in the meeting which subsequently was also confirmed by representative from PP and the Consultant. It is against the disclosure by the Consultant about the information provided in the EIA and ministry may take a view of the same.

3. The Committee further observed that the issue of addressing such procedural lapse and other concerned issues may be decided in accordance with the MoEFCC O.M dated 19/02/2021 which states that “Procedure for dealing with violations arising due to not obtaining a prior CRZ clearance for permissible activities”.

4. The Committee was informed that the said OM is under sub-judice and has been stayed by Hon’ble High Court of Bombay in the PIL(L) No. 8540 of 2021 by which Ministry is restrained from granting a permission / clearance on the basis of the office memorandum under challenge till August 31, 2021 or until further orders, whichever is earlier. Also, the Hon’ble Court directed that if an application for permission is received hereafter, the receiving authority shall bring the fact of pendency of this PIL petition and the interim order passed thereon to the notice of the applicant.

5. The proposal thus was deferred considering as project is a violation / post facto clearance case and related OM is also sub-judice.

3.3 Proposal for laying of 2x24’ piggable pipeline and 1x6” Nitrogen pipeline from HPCL refinery to MbPT Manifold area, Mumbai by M/s HPCL for CRZ Clearance [IA/MH/CRZ/223234/2021] [F.NO. 11/27/2021-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

Shri S. Jeyakrishnan requested to recuse himself from the agenda since he was on the board of HPCL prior to the retirement.

The proposal of M/s HPCL, is for laying of 2x24' piggable pipeline and 1x6" Nitrogen pipeline from HPCL refinery to MbPT Manifold area, Mumbai. The project proponent and the consultant M/s Ultra Tech made the presentation and provided the following information:

- (i) The proposed project is for laying of 2x24' piggable pipeline and 1x6" Nitrogen pipeline from HPCL refinery to MbPT Manifold area, Mumbai.
- (ii) The pipeline will be laid from MbPT manifold area (19° 0'22.23"N-72°54'0.51"E) to HPCL Mumbai refinery (19° 0'28.83"N-72°54'2.99"E).
- (iii) The total length of pipeline will be approximately 800 RM. The pipeline design life will be 25 Years. Design pressure for both black and white oil line is 15 kg/cm²& 6" Nitrogen line is 8 kg/cm².
- (iv) The pipeline will be laid above ground and the Pipeline corrosion allowance is 1.5 mm.
- (v) The pipeline will be protected through wrapping and coating of 3-Layer Polyethylene.
- (vi) The CRZ map of 1:4000 scale was prepared by Institute of Remote Sensing, Anna University, Chennai. As per approved CZMP of CRZ notification 2011 the proposed site falls in CRZ-II area.
- (vii) During construction phase no extra water will be required and The existing domestic water requirement is 870 m³/day. Water consumption for Industrial and Process is 90242 m³/day and 9660 m³/day respectively. Further 1500 m³/day is used for gardening purpose. Domestic wastewater of 600 m³/day is being treated biologically in ETP.
- (viii) Existing facility is already in operation hence no additional Power/ electricity will be required during construction as well as operation phase for the proposed project. The existing refinery have 48 MW gas turbine. Further the power will be used from Existing MSS-2 and MSS-9 substations.
- (ix) Existing facility has its Consent to Operate granted from MPCB vide letter no. Format 1.0/BO/CAC-Cell/EIC No MU-5684-14/14th CAC/6298 dated 12/05/2016 and amended consent No. MPCB/CAC-Cell/Amend/CAC-0655 dated 12/11/2018 valid till 31/08/2020. Further Hazardous waste will be handed over to MPCB authorized vendors.
- (x) Minimal amount of Construction waste will be generated and the same will be disposed of as per Construction and Demolition waste rules 2016.
- (xi) Leakage of Oil from equipment can lead to soil contamination. Drip pan will be made available to avoid oil spill leakage during construction phase.
- (xii) Minor emissions are expected from vessels during transportation of construction material. DG set emissions envisaged during construction period. Emissions of SO₂, NO_x and CO, which will be monitored periodically, and to lower the point source emissions.
- (xiii) A total of 50 workers will be employed during the construction phase.
- (xiv) The total estimated cost of the project is approximately INR 13.8 crore.
- (xv) The Maharashtra Coastal Zone Management Authority has recommended the proposal for clearance vide its letter No. CRZ 2020/CR 139/TC 4 dated 30/06/2021.

2. The Committee noted that the existing pipeline in the site and suggested to submit an undertaking that the HPCL will decommission the existing pipeline after commissioning of new pipeline. The Committee also suggested to submit a detailed revised EMP budgetary allocation under project Management Plan.

3. The PP has submitted an undertaking on 27/08/2021 via email to all EAC Members including MoEF&CC that the HPCL will decommission the existing pipeline after approval

and commissioning of new pipeline. The proponent also submitted a revised EMP budgetary allocation under project Management Plan.

4. Based on the deliberations held and submissions made, the Committee recommended the proposal for CRZ Clearance subject to following conditions:

- i) All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- ii) The HPCL should decommission the existing pipeline after commissioning of new pipeline.
- iii) The environment management plan should be implemented as committed during construction and operational phase.
- iv) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project,
- v) No construction shall be undertaken to disturb tidal creek or natural course of water flow.
- vi) Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- vii) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- viii) Proponent must strictly to adhere to OISD/PESO guidelines and latest safety features to be included in maintenance and operations of the pipeline.
- ix) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- x) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity

4.0 Any other item with the permission of the Chair.

The meeting ended with a Vote of Thanks to the Chair.

List of the Expert Appraisal Committee (CRZ) members participated during Video Conferencing (VC)

S. No.	Name of Members	Designation
1.	Dr. Deepak Arun Apte, B-11, Poorva Society, Near Saraswati English Medium High School, Panchpakhadi, Thane-400602; E-mail: spiderconch@gmail.com	Chairman
2.	Dr. Manoranjan Hota K-184, Gulshan Ikebana, Sector-143, Noida, Gautam Budh Nagar, Uttar Pradesh-201301; E-mail: hota.manoranjan@gmail.com.	Member
3.	Dr. M.V. Ramana Murthy, Director, NCCR, Velachery Tambaram Main Road, Narayanapuram, Palikaranai, Chennai - 600 100 (Tamil Nadu) E-mail: ramana2865@gmail.com	Member
4.	Shri S. Jeyakrishnan Flat No. C-201, Oak Canopy, 8 Raja Street, Kallimadal Road, Singanallur, Coimbatore- 641005, Tamil Nadu; E-mail: sukumaranjeyakrishnan@gmail.com	Member
5.	Shri Manmohan Singh Negi D-1, Tower-8, New Moti Bagh, New Delhi-110023, Email: negims84@hotmail.com	Member
6.	Shri Sham Wagh 8, Laxmi Apartments, Lane No.6, Prabhat Road, Pune-411004, Maharashtra E-mail: sham.wagh@gmail.com	Member
7.	Prof. Ashok Kumar Pachauri C/o: Rajesh Chandra, 31, Civil Lines Boat Club Road, Roorkee, Haridwar, Uttarakhand-247667 Email: pachauri1945@gmail.com	Member
8.	Dr. V.K Jain Professor of Chemistry, Department of Chemistry, School of Sciences, Gujarat University, Ahmedabad, Gujarat - 380 009 E-mail: drvkjain@hotmail.com	Member

9.	Dr. Niraj Sharma Senior Principal Scientist, Transport Planning, Planning & environment(TPE) Division, Central Road Research Institute, Delhi Cantt, New Delhi-110025 E-mail: neeraj.ccri@nic.in	Member
10.	Shri. R.P.S Verma, Director, Ministry of Water Resources, Central Water Commission, Sewa Bhawan, Sector-1, R.K. Puram, New Delhi-110066, E-mail: rpsverma-cwc@nic.in cedte@nic.in	Member
11.	Dr. H. Kharkwal Additional Director Ministry of Environment, Forest and Climate Change Indira Paryavaran Bhawan, Jor Bagh Road New Delhi-110003 E-mail: h.kharkwal@nic.in	Member Secretary
