

MINUTES OF THE 299th MEETING OF EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 14th JUNE, 2022

The 299th meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 14th June, 2022 through Video Conferencing due to prevalent pandemic situation. The list of Members presents in EAC given 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 has noted that the Minutes of the 298th meeting held on 26th May 2022 are in order and confirmed the same with suggestions that in case any typographical / grammatical errors are noticed in due course, the same may be corrected suitably.

3.0 RECONSIDERATION OF PROPOSALS FOR CRZ CLEARANCE

Item No. 3.1

**Proposal for Laying of Natural Gas Pipeline from Dhamdhada Village, Dasrathipur-Tehsil in Jajpur District to IOCL Paradeep, Jagatsinghpur district of Odisha M/s (under JHBDPL Project) - CRZ Clearance regarding.
[IA/OR/CRZ/241877/2021] [F.NO.11/18/2022-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 the data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

1. The project proponent and their consultant made a detailed presentation and document submitted the salient features of the project are:

- (i) The proposed proposal for Construction of Natural Gas Pipeline from Dhamdhada Village, Dasrathipur Tehsil, Jajpur District by M/s IOCL Paradeep, Jagatsinghpur District, in the State of Odisha.
- (ii) The Government of India has been sanctioned, 40% capital grant and authorised GAIL (India) Limited to lay a pipeline in the States of U.P, Bihar, Jharkhand, West Bengal & Odisha for development of Eastern Region namely **“Pradhan Mantri Urja Ganga”** project. Project has been sanctioned, 40% capital grant by Government of India.
- (iii) Purpose of Pipeline laying is to provide Natural Gas for CNG / PNG Supply at Kendrapara & Jagatsinghpur districts, Various Steel, Fertiliser & Oil industries at Paradip as Environment friendly fuel. The capacity of the pipeline network is 16 MMSCMD.

- (iv) Laying of Underground Natural Gas Pipeline across CRZ Locations viz. Horizontal Directional Drilling (HDD) Method without damaging the surface features. Trenching in areas other than CRZ locations.
- (v) Pipe shall be OD 457.0 mm (18”), thickness 7.90 / 9.50 / 11.90 mm, API 5L Grade X70M PSL2 and OFC shall be in 40 mm HDPE Duct.
- (vi) The Pipeline shall be installed underground with a minimum of 1.2 Meter soil cover and the Water body crossings shall be done by Horizontal Directional Drilling methodology (Trenchless Technology) at the depth of 10 Meter below Rivers Bed Level as per approval of Irrigation Department.
- (vii) The total length of pipeline is 80.9 Km and length traversing CRZ area is 4.071 Km (4070.75 m) and CRZ classification details are as:

| Sl. No | CRZ Classification | Length in Meters (m) |
|--------|--------------------------------------|----------------------|
| 1 | CRZ - IA | 114.15 |
| 2 | CRZ - IA (50m Mangrove Buffer Zone) | 220.13 |
| 3 | CRZ - IB | 137.35 |
| 4 | CRZ - II | 1009.20 |
| 5 | CRZ - III (NDZ) | 1195.06 |
| 6 | CRZ - IVB | 1394.86 |
| | Total length of pipeline in CRZ area | 4071.75 |
| | Outside CRZ area | 76829.25 |
| | Total | 80900.00 |

- (viii) The total employment potential is about 73000 Man days.
- (ix) The estimated project cost is approximately about ₹290.11 Crores.
- (x) The Odisha Coastal Zone Management Authority (OCZMA) has recommended the proposal for CRZ clearance vide letter No. OCZMA/37/2021 262/OCZMA, dated 25/11/2021.

2. Deliberations in the EAC:

- (i) The Committee noted that the CZMP of Odisha State has been approved as per CRZ Notification 2019 and Odisha SCZMA recommended the proposal based on CRZ Notification 2019. It is also noted that the PP has done Hazard and Operability Study of the project and PP circulated to the all Members included MoEFCC. The Committee suggested that the pipeline shall be laid exclusively by Horizontal Directional Drilling (HDD)

method at crossing of water bodies / river / creek, mangrove and across CRZ locations.

- (ii) The Committee noted that the laying of pipeline is a permissible activity in CRZ IA, CRZ IB, CRZ II, CRZ III and CRZ IV as per CRZ Notification 2019 and also noted that project does not require environment clearance as per CRZ Notification 2006.

3. The Committee after detailed deliberations and considering the submissions made by the project proponent, recommended the proposal for CRZ Clearance to the project for Laying of Natural Gas Pipeline from Dhamdhada Village, Dasrathipur-Tehsil in Jajpur District to IOCL Paradeep, Jagatsinghpur district of Odisha M/s (under JHBDPL Project), 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 pipeline shall be laid by Horizontal Directional Drilling (HDD) method at the crossing of water body river/creek and mangrove areas and across CRZ locations.
- iii) Proponent must strictly adhere to OISD/PESO guidelines and latest safety features to be included in maintenance and operations of the pipeline.
- iv) No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- v) The project proponent shall ensure the natural flow of the Creek water in the project site.
- vi) Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- vii) Excavated material during the construction shall not be dumped in in the CRZ area.
- viii) The site shall be restored to its near original condition after completion of construction of work.
- ix) The recommendation made by the OCZMA *vide* letter No. letter No. OCZMA/37/2021 262/OCZMA, dated 25/11/2021, shall be implemented in letter and spirit.
- x) All necessary clearance from the concerned Authority, as may be applicable should be obtained prior to commencement of project or activity.

Item No. 3.2

Proposal for Underground laying of Natural Gas Transportation Pipeline Passing through Uppanar River approximately a length of 0.255 kms out of the total length of 29.197 km from Palayapalayam Village, Sirkali Taluk to Memathur Village Tharangambadi Taluk, Nagapattinum District by M/s GAIL (India) Limited, Karaikkal, Tamil Nadu- CRZ Clearance regarding.

[IA/TN/CRZ/269326/2022][F.No. 11/19/2022-IA.III]

The project proponent M/s M/s GAIL (India) Limited has submitted as a new proposal on Parivesh Portal for Underground laying of Natural Gas Transportation Pipeline Passing through Uppanar River approximately a length of 0.255 kms out of the total length of 29.197 km from Palayapalayam Village, Sirkali Taluk to Memathur Village Tharangambadi Taluk, Nagapattinum District by M/s GAIL (India) Limited, Karaikkal, Tamil Nadu.

2. The EAC during deliberation by PP M/s GAIL (India) Limited noted that the PP 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 presentation / discussion that followed in the meeting which subsequently was also confirmed by representative from PP. It is against the disclosure by the PP about the information provided during uploaded proposal on Parivesh Portal 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.

Item No. 3.3

Proposal for Flood mitigation measures to extended areas of Greater Chennai Corporation by Construction of Integrated Storm Water Drains (ISWD) in Kosasthalaiyar Basin by Superintending Engineer, Greater Chennai Corporation Chennai-600003-CRZ Clearance regarding.

[IA/TN/CRZ/267713/2022] F.No.11/20/2022-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 the data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- i) The proposed proposal for Construction of Integrated Storm Water Drain (ISWD) in “Kosasthalayar Basin” within Extended Greater Chennai Corporation (GCC) Areas and located in Kathivakkam, Ernavoor, Sadayankuppam, Thiruvottiyur, Sathangadu, and Manali Villages within Thiruvottiyur Taluk, Chennai District, Tamil Nadu.
- ii) The total length of storm water drainage network is 763.13 Km. and out of total 61.08 Km. in CRZ area and 702.05 Km. in Non CRZ area.

- iii) Total pumping stations are 2 nos and in CRZ area with 489.5 m² each. The Power require for operation will be sourced through TNEB. Power backup DG sets with capacity of 1 no. of 750 kVA and 1no. of 500KVA will be installed.
- iv) The CRZ classification of project area in CRZ II, CRZ IB, CRZ IVA and CRZ IVB.

| SI No. | Project Component | CRZ-Classification | Length / Area |
|--------|--|--------------------|---------------|
| 1. | Storm Water Drains | CRZ – I B | 0.357 Km. |
| | | CRZ – II | 59.059 Km. |
| | | CRZ – IVA | 0.451 Km. |
| | | CRZ – IVB | 1.210 Km. |
| 2. | Pumping Station – I (S.F.No 618/G3, Thiruvottiyur Village, Thiruvottiyur Taluk, Chennai District) | CRZ – II | 489.5 Sq.m. |
| 3. | Pumping Station – II (S.F.No 121 &122, Ernavoor Village, Thiruvottiyur Taluk, Chennai District) | CRZ – II | 489.5 Sq.m. |

- v) The Storm Water Outfall Points are 118 Nos, out of which 32 Nos in CRZ area. The CRZ classification of outfall are as:

| SI No. | Project Details in CRZ | Location | CRZ-Classification | Numbers |
|--------|-------------------------------|--------------------------------------|--------------------|---------------|
| 1. | Number of Outfall in CRZ Zone | Buckingham Canal & Sea | CRZ – II | 6 Nos |
| 2. | | Buckingham Canal, Kosasthalyar & Sea | CRZ – IB | 3 Nos |
| 3. | | Sea | CRZ – IVA | 9 Nos |
| 4. | | Buckingham Canal | CRZ – IVB | 14 Nos |
| | | | Grand Total | 32 Nos |

- vi) The estimated cost of the project is ₹2518 crores (₹226.62 Crores in CRZ and ₹2291.38 crores in non-CRZ area).
- vii) The Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) has recommended the proposal for CRZ clearance *vide* letter No. 693/EC.3/2022-1, dated 14/02/2022.

2. Deliberations in the EAC:

The Committee made detailed deliberation on the proposal. The EAC noted that the project proponent has not made available DPR and detail about proposed storm water drainage plan in relation to intensity and duration of precipitation, topography, likely areas of flooding, management of extreme flooding, sub-canal distribution, pumping requirement during varying tidal conditions in estuaries/canals, assurance that the proposed storm water drain will not be used for carrying sewage or industrial effluent in future, details regarding

type of lining (e.g., cement, earthen etc.) proposed to be used in the proposed drainage system (as it has implication on the discharge (Q) as per Manning's Equation for estimating Q in open Channel flows and maintenance of the minimum flow during critical i.e. summer seasons etc. and these documents need to be circulated to all Members for appraisal. The Committee also suggested submit an undertaking to MoEFCC that the no NGT case is pending or given direction for this project.

The Committee desired that PP submit all aforesaid clarity / information before its next presentation and the proposal is accordingly deferred at this stage.

4. Any other item with the permission of the Chair.

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

Annexure

List of the Expert Appraisal Committee (CRZ) Members participated during Video Conferencing (VC) Meeting held on 14th June 2022.

| S. No. | Name of Members | Designation |
|---------------|----------------------------|--------------------|
| 1. | Dr. Deepak Arun Apte | Chairman |
| 2. | Dr. Manoranjan Hota | Member |
| 3. | Shri Manmohan Singh Negi | Member |
| 4. | Shri Sham Wagh | Member |
| 5. | Prof. Ashok Kumar Pachauri | Member |
| 6. | Shri S. Jeyakrishnan | Member |
| 7. | Dr. M.V. Ramana Murthy | Member |
| 8. | Dr. J. Chandra Babu | Member |
| 9. | Shri. R.P.S Verma | Member |
| 10. | Dr. Niraj Sharma | Member |
| 11. | Dr. H. Kharkwal | Member Secretary |
