

MINUTES OF THE 248th MEETING OF THE EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 25th NOVEMBER, 2020

The 248th meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 25/11/2020 through Video Conferencing (VC) due to prevalent pandemic situation. The members present are:

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| 1. | Dr. Deepak Arun Apte | - | Chairman |
| 2. | Dr. Manoranjan Hota | - | Member |
| 3. | Shri S. Jeyakrishnan | - | Member |
| 4. | Shri Manmohan Singh Negi | - | Member |
| 5. | Shri Sham Wagh | - | Member |
| 6. | Prof. Ashok Kumar Pachauri | - | Member |
| 7. | Dr. M.V. Ramana Murthy | - | Member |
| 8. | Dr. H. Kharkwal | - | Member Secretary |

Dr. V. K. Jain communicated his inability to attend due to health issues while Prof. Mukesh Khare communicated his inability to attend due to his pre-commitments. Shri. R.P.S. Verma, Shri Rajesh Debroy and Ms Bindhu Manghat were absent.

In attendance: Dr. Bhawana Kapkoti Negi, Technical Officer, Mr. T.K. Singh, ASO MoEFCC. The deliberations held and the decisions taken are as under:

2.0 CONFIRMATION OF THE MINUTES OF THE LAST MEETING.

The Committee having noted that the Minutes of the 245th meeting are in order, 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 CONSIDERATION OF PROPOSALS:

FRESH PROPOSALS

3.1 Proposed establishment of Conveyance system (pipeline), pumping stations in the underground Sewerage Scheme (UGSS) project in Velankanni Special Grade Town Panchayat, Kelvelur Taluk, Nagapattinam District, Tamil Nadu by M/s Velankanni Special Grade Town Panchayat – CRZ Clearance-reg [IA/TN/CRZ/154144/2020] [F.No.11-48/2020-IA.III]

The proposal of M/s Velankanni Special Grade Town Panchayat is for establishment of Conveyance system (pipeline), pumping stations in the underground Sewerage Scheme (UGSS) project in Velankanni Special Grade Town Panchayat, Kelvelur Taluk, Nagapattinam District, Tamil Nadu. The project proponent made a presentation and provided the following information:

- (i) The project involves Conveyance system (pipeline), pumping stations in the underground Sewerage Scheme (UGSS) project in Velankanni Special Grade Town Panchayat, Kelvelur Taluk, Nagapattinam District in the State of Tamil Nadu.

- (ii) The project comprises the following:

S. No.	Details	No/area
1.	Sewage treatment plant	1
2.	Pumping stations	2
3.	Number of manhole	714 no.
4.	Pumping main	2.7 km length
5.	Sewer collection system	19.94 km
6.	House service collections	2280 nos

- (iii) The project component in CRZ area include the followings:

S. no.	Project Details in CRZ	CRZ- Classification	Length/ Area
1	Pumping Station - I (PS - I)	CRZ - II	779.95 Sq.m
2	Pumping Station - II (PS - II)		465.18 Sq.m
3	Pipeline layout (Sewer Collection System)		6,447.66 m
4	Pumping Main (Zone I (Western side) Pumping Station to STP)	CRZ - IB	40.23 m
		CRZ - II	168.30 m
5	Pumping Main (Zone II (Eastern side) Pumping Station to STP)	CRZ - IB	20.64 m
		CRZ - II	265.93 m
6	Outfall Pipeline	CRZ - IB	10.96 m
		CRZ - II	35.14 m

- (iv) The main pumping station will be in the CRZ-IB (Vedaranyam Canal) Pipeline will be laid along existing service bridge crossing the Canal. Thus this will not disturb the water flow of canal.

- (v) The work flow of the conveyance system will be as follows (open Cut trenching method):

Trench Excavation, Sewer Laying

- a. Section wise work will be undertaken (500 m section).
- b. Construction area will be barricaded (of 2 m height) on both sides.
- c. Initiation of site clearance and excavation work after barricading.
- d. All the material, equipment, machineries will be confined to the barricaded area.
- e. Excess soil from the site will be disposed to the disposal area/ low lying area.
- f. Placing Sewer in the trench.

Jointing and Testing

- g. Testing will be done section-wise, so that backfilling and stabilization of soil can be done immediately.

Refilling / Backfilling of trench

- h. Backfilling of trench and stabilization of soil will be done after laying and testing of sewer.
- i. Immediate road restoration after refilling the trench will be carried out.

- (vi) Construction of pumping stations (in CRZ area) and STP (in Non CRZ area) does not disturb any mangroves, mangrove associates or terrestrial vegetation, thus there is no significant impact to the mangroves and associated vegetation.
- (vii) Project activities do not involve any disturbances to the mangrove areas during construction as they are away from the proposed activities. The disposal of treated sewage into canal will pass through the mangrove patches in the canal and joins the Vellar River that is connected to the Sea.
- (viii) During STP operation, treated sewage disposal will have influence on the water quality and water levels in the Vedaranyam canal and the Vellar estuary.
- (ix) During construction phase water requirement will be fulfilled by private tankers.
- (x) The employment potential of the project is 100 persons
- (xi) The proposed underground sewerage system in Velankanni Town Panchayat will help to improve the positive health impact due to improved sanitation condition to the people of Velankanni Town Panchayat.
- (xii) The total cost of proposed pipeline project is ₹27.92 crores
- (xiii) Tamil Nadu Coastal Zone Management Authority (TNCZMA) has recommended the above proposal for clearance *vide* their letter No. 20979/EC.3/2019-3, dated 6th December, 2019.

2. The Committee noted that during the construction phase of the instant project within the CRZ Zone, there is a possibility that the civil work activities like excavated sand, silt and construction materials can be washed in to the estuary during the monsoon and thereby impacting the marine resources. The Committee further desired that the pipeline shall be laid using appropriate technology to ensure that there is no water leakage and also constant flow in the pipelines.

3. The Committee took note that the instant project does not entail cutting of mangroves. However, the project proponent committed that the mangrove plantation shall be undertaken in the Vellar estuary in consultation with the State Forest Department

4. The Committee appreciated the mitigation measures proposed by PP under mangrove conservation that plantation of mixed stands of mangroves and ecologically suitable intervention in the Vellar estuary to increase the sea water circulation in the area that will facilitate growth of mangroves. This plantation can increase the biological diversity and all the essential ecological processing of the Vellar estuary.

5. Based on the deliberations held the Committee recommended the project for CRZ clearance subject to the following conditions:

- (i) No groundwater shall be extracted to meet with the water requirements during the construction / operation phase of the project.
- (ii) Desiltation of Vedaranyan canal has to be done to a distance of 200 m X 40 m (8000 sq.mts) from the STP discharge point towards the Vellar estuary.
- (iii) The project proponent shall ensure natural flow of the Creek water in the project site and also ensure that there are no water leakages in the pipeline.
- (iv) No mangroves shall be disturbed during the construction activities. As committed by the project proponent that the mangrove plantation, existing mangrove cover and Vellar estuary restoration work shall be done in consultation with the State Forest Department and

MS Swaminathan Foundation. Necessary financial allocation be made and provided by the project proponent for the same.

- (v) 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 work.
- (vi) The project proponent shall ensure that the temporary structures installed for laying of pipe lines are removed within one months of accomplishment of the work.
- (vii) All the conditions stipulated by the TNCZMA *vide* letter No. 20979/EC.3/2019-3, dated 6th December, 2019 shall be strictly complied.
- (viii) M/s Velankanni Special Grade Town Panchayat shall ensure that the treated effluent discharge is strictly as per norms specified by CPCB / SPCB.

3.2 Proposed laying of pipelines from Adani Port to RIL, Hazira from Sunavali to Mora, Hazira Village, District Surat, Gujarat by M/s Reliance Gas Pipelines Limited – CRZ Clearance- reg.

[IA/GJ/CRZ/167776/2020] [F.No.11-49/2020-IA.III]

The proposal of M/s Reliance Gas Pipelines Limited is for laying of pipelines from Adani Port to RIL, Hazira from Sunavali to Mora, Hazira Village, District Surat, Gujarat. The project proponent made a presentation and provided the following information:

- (i) M/s Reliance Gas Pipelines Limited (RGPL) proposes to build and operate the 8 km long twin trunk pipelines (24” and 8”) from battery limit point at Adani Liquid Corridor to Reliance Industries Limited (RIL) Hazira Manufacturing Division (HMD) for RIL’s dedicated use and consumption at HMD.
- (ii) This project includes the future cryogenic twin pipelines of 12 km X 26” dia. Each to be laid from Adani Port to RIL HMD for transporting Ethane, propane and Ethylene etc. in phased manner.
- (iii) The pipeline will traverse through Forest, CRZ, GIDC and ROU of existing RIL SPM Pipelines and terminate at the receipt terminal at RIL HMD.
- (iv) The total length of pipeline will be 1502.90 m, the pipeline will be pass through CRZ IB (740.50 m) and CRZ II (762.42 m) area,
- (v) Details of pipeline will be as follows:

Pipeline Size (Inch)	Length (km)	Capacity (MTPH)	Material	Minimum Wall Thickness (mm)
24	8	987/771	API 5 Gr B	8.7
8.625	8	125	API 5 Gr B	6.35
Cryogenic Twin 26	12	1250/1300/1250	Invar (36% Ni)	9.53

- (vi) Pipeline will be designed, engineered and implemented in accordance with OSID 214 (Cross-country LPG pipelines) and American society of Mechanical Engineers (ASME) B31.4 (pipeline transportation systems for liquid hydrocarbons and other liquids).
- (vii) CRZ Maps of 1:4000 as per approved CZMP has been prepared by authorized agency i.e., Institute of Remote Sensing (IRS) Anna University, Chennai.
- (viii) Formal NOC from GPCB, *vide* their letter No. GPCB/RO/SRT-G-443/ID-67522/18700/2020, dated 24/08/2020 has been obtained.

- (xiv) No mangrove cutting will be involved in the proposed project.
- (xv) Reserved Forest Land will be involved and 8.376 ha. forest will be involved. Stage -I Forest Clearance *vide* letter no. 6-GJC030/2019-BHO/512, dated 29/06/2020 has been obtained.
- (ix) Construction camp will be allocated outside the CRZ area.
- (x) Water is required temporarily for 4-5 months during construction phase for domestic use. It will be sourced from RIL's Hazira Plant. Hydro test water will be disposed within the RIL's Hazira Plant.
- (xvi) The benefits of reduction in energy consumption due to pipeline mode of transportation and reduced transportation losses will get passed to Industries.
- (xvii) The employment potential of the project is 100 persons.
- (xviii) The total cost of proposed pipeline project is ₹74 crores.
- (xix) Gujarat Coastal Zone Management Authority (GCZMA) has recommended the above proposal for clearance *vide* their letter No. ENV-10-2019-32-(T cell) dated 9th October, 2020.

2. The Committee took note of the proposed risk preventions and mitigation measures, and also suggested that the regular patrolling of the pipelines shall be carried out to help in identifying any activity that may have potential to cause pipeline damage. The Committee further desired that adequate crash guards may be provided close to traffic movement areas. The Committee therefore desired an Integrated Environment Management plan also need to submitted with allocation of the budget. The Committee also took note that necessary approval for the subject line has been received from PNGRB.

3. Based on the deliberations held the Committee recommended the project for CRZ clearance subject to the following conditions:

- (i) No groundwater shall be extracted to meet with the water requirements during the construction / operation phase of the project.
- (ii) A minimum of ten times the number of trees felled (non-mangroves trees) shall be replanted exclusively of native species.
- (iii) The cost proposed for the Environment Management Plan, Head wise should be complied strictly during construction and operation phase of the project.
- (iv) All the conditions stipulated by the GCZMA No. ENV-10-2019-32-(T cell) dated 9th October, 2020 shall be strictly complied.
- (v) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its original condition after completion of work.
- (vi) The project proponent shall ensure that the temporary structures installed for laying of pipe lines are removed within one months of accomplishment of the work.

3.3 Proposed Expansion of Hotel & Resort at Baad & Gudeangadi Village, Karwar District, Karnataka by M/s DRN Hospitalities Pvt. Ltd. - CRZ Clearance - reg. [IA/KA/CRZ/182366/2020] [F.No. 11-50/2020-IA III]

The proposal of M/s DRN Hospitalities Pvt. Ltd. is for Expansion of Hotel & Resort at Baad & Gudeangadi Village, Karwar District, Karnataka. The project proponent made a presentation and provided the following information:

- (i) The project is for obtaining CRZ Clearance under CRZ Notification 2011 for the expansion of existing Hotel and Resort Project of M/s DRN Hospitalities Pvt. Ltd.

- (ii) The project is located at Survey Nos. 4-9, 11-13, 17, 19-21, 23 & 26 of Baad Village and Survey Nos. 14, 16, 18 & 19 of Gudeangadi Village, Kumta Tehsil, Karwar District, Karnataka.
- (iii) The CRZ Clearance order for the Hotel and Resort project (Phase-1) with a built-up area of 5,000 sq.m was issued by Ministry of Environment & Forests *vide* Letter F. No. 11-61/2010-IA.III dated 20/12/2010 (The clearance was issued in favour of M/s Nayak Hospitalities and now the name is M/s DRN Hospitalities Pvt. Ltd.)
- (iv) The project site falls in CRZ-III area (Sheet No. D-4317/NW & Map No. KA27) in village panchayat (200-500 mt) and as per CRZ Notification, 2011.
- (v) The project details are as follows:

S. No.	Particulars	Details
1.	Plot Area	94,969 sq. m. (9.4969 ha)
2.	Hotel Rooms	58 Rooms
3.	Resort cottages	50 Nos
4.	Built-up Area	13,336 sq. m. (Approved = 4,984.04 sq. m. + Additional = 8,351.96 sq. m)
5.	Maximum Number of Floors	Ground + 2 Floors
6.	Maximum Height of the building	9 meter
7.	Total Parking Provided	140 Cars+ 20 Two-wheelers

- (vi) Comparative Chart of Approved and After Expansion of the project site.

S. no.	Particulars	Details as per CRZ Clearance (Phase-1)	Cumulative details (Phase-1 + 2)	Remarks
1.	Plot area	94,969.20 sq. m. (9.4969 ha)	94,969.20 sq. m. (9.4969 ha)	No Change in Plot Area
2.	Permissible Plot Area (Outside No Development Zone)	5.26 hectares	5.26 hectares	All construction activities are within 5.26 ha. only
3.	Facilities proposed	Cottages= 32 Nos Hotel with 24 rooms, restaurant, conference hall, indoor games building and a swimming pool	Cottages = 50 Nos Hotel with 58 rooms, restaurant, conference hall, indoor games building and a swimming pool	Additional Facilities Cottages = 18 Nos. Hotel Rooms =34
4.	Built-up area	4,984.04 sq. m.	13,336 sq. m	Additional = 8,351.96 sq. m

5.	Power requirement	250 KVA	400 KVA	Additional 150 KVA
6.	Parking facilities	50 Cars + 24 Two-wheelers	140 Cars + 20 Two-Wheelers	Additional Parking for 70 Cars
7.	Solid waste generation	137 kg / day	200 kg / day	Additional 63 kg / day
8.	Fresh water requirement	26 KL / day	75 KL / day	Additional about 50 KL / day
9.	Sewage generation	45 KL / day	74 KL / day	Additional 29 KL / day
10.	Project cost (In ₹)	₹4.50 Crores	₹45.50 Crores	Additional Cost of ₹41 Crores
11.	Peak footprint	810 Persons	900 Persons	90 Persons

- (vii) There is no litigation pending against the project in any Court as intimated by PP.
- (viii) No ground water in the CRZ area will be extracted during the operational phase.
- (ix) The source of water for the project will be used from stored roof rain water tanks 2 Nos. (200 KL) for non-flushing requirement, ground water from existing open wells at site for non-flushing requirement and recycled water from STP for flushing & horticulture water requirement.
- (x) Total power requirement of 450 KWH.
- (xi) The employment potential of the project is 125 persons.
- (xii) The total cost of proposed project is ₹45.50 crores.
- (x) Karnataka Coastal Zone Management Authority (KCZMA) has recommended the above proposal for clearance *vide* its letter No. FEE 122 CRZ 2019, dated 09th December, 2019.

2. The Committee noted that the project viz. Hotel and Resort project with a built up area of 5000 sq.m was issued CRZ clearance by the Ministry in favour of M/s Nayak Hospitalities *vide* letter No. 11-61/2010-IA.III dated 20/12/2010. Further, the project proponent has not requested Ministry to transfer the said clearance from M/s Nayak Hospitalities to M/s DRN Hospitalities Pvt. Ltd. till date. The Committee desired that the project proponent shall initiate the transfer of CRZ clearance, which is a statutory requirement, for further consideration in the Ministry.

3. The Committee further noted during the presentation, the project proponent submitted that the building is Ground + 2 Floors in CRZ-III, which was also reflected in Form-1 submitted by the Project Proponent. However, the project proponent claimed that it is a typographical error. The Committee took a serious note on the above disparity issue and desired that revised documents shall be submitted to this Ministry and the project proponent shall submit an endorsement from the Regional Office of this Ministry / concerned SCZMA regarding the construction of building with respect to G+1 floors, in consonance with the Annexure-III of the CRZ Notification, 2011, for further deliberations.

4. The Committee was also informed that the construction of buildings as per the earlier CRZ Clearance and expansion with additional built-up area of 8,351.96 sq.m (Phase - 2) within the permissible zone has been completed and operation is yet to be commenced. However, committee

noted that an additional area on 8351.96 sq. m was constructed without necessary CRZ clearance and thus the case amounts to the post facto clearance.

5. The Committee was also intimated that no report of six months' compliance for the CRZ Clearance Phase-I project was submitted by the PP to concerned RO of MoEFCC, which is statutory procedure and suggested same should be submitted to concerned RO as well as Ministry / EAC before its consideration in next meeting.

6. Based on the deliberations held, the Committee observed that the issue of addressing the procedural lapse and other concerned issues may be decided in accordance with the policy decisions on violation guidelines that are being formulated for consideration of violation cases by the Ministry for CRZ projects. The proposal thus was deferred for reconsideration at a later stage once the appropriate guidelines are issued by the Ministry and above information / documents / actions are taken by proponent.

3.4 Proposed Construction of residential houses at Plot No.52, Sector 17, Kalamboli, Roadpali, Navi Mumbai, Maharashtra by M/s Pruthvi Builders & Developers- reg. [IA/MH/CRZ/119934/2019] [F.No 11-51/2020-IA III]

The project proponent attended the meeting, however due to the network issues, the project was not deliberated. The project proponent had requested to consider the proposal in the next EAC (CRZ) meeting. Accordingly, the proposal was deferred for its reconsideration at a later stage.

4.0 Any other item with the permission of the Chair.

4.1 Procedure for dealing violation arising due to not obtaining a prior CRZ Clearance for permissible activities as per CRZ Notification, 2011.

A brief of the genesis on the above issue was circulated to all the Members before the meeting for discussion and it was informed that the Ministry has decided that all activities, which are otherwise permissible under the provisions of Coastal Regulation Zone Notification, but have commenced construction without prior clearance, would be considered for prospective clearance only in such cases wherein the project proponent have applied for such a clearance to the concerned Coastal Zone Management Authority (CZMA) along with required documents as given in para number 4.2 of the said CRZ Notification, 2011 such as: (a) Form-I; (b) CRZ map in 1: 4000 scale drawn up by any of the agencies identified by the Ministry of Environment, Forest and Climate Change. (c) Marine EIA Report and/or Terrestrial EIA Report, as may be applicable; (d) NOC from SPCB, as may be applicable etc.

2. The committee intimated that the note provided on 'Procedure for dealing violation arising due to not obtaining a prior CRZ Clearance for permissible activities as per CRZ Notification, 2011' has been received by all Members. The Members will examine in detail and will provide their views/ comments to Ministry and Member Secretary will incorporated and make presentation before the EAC in its next meeting schedule to be held on 15/12/2020 before its finalization.

There being no agenda item left, the meeting ended with a vote of thanks to the Chair.
