

MINUTES OF THE 245th MEETING OF THE EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 19th OCTOBER, 2020

The 245th meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 19/10/2020 through video conferencing due to prevalent pandemic situation. The members present are:

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

Dr. Anuradha Shukla, Prof. Mukesh Khare, Shri Rajesh Debroy and Ms Bindhu Manghat were absent.

In attendance: Dr. Saranya. P, Joint Director, MoEFCC and Dr. Bhawana Kapkoti Negi, Technical Officer, 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 244th 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 Construction of Water Distribution Station & laying of water distribution network at Uthandi village in Chennai district for providing Comprehensive Water Supply Scheme to Mathur, Madipakkam, Jalladampettai and Uthandi Village in Chennai City by M/s Chennai Metropolitan Water Supply and Sewerage Board - CRZ clearance - reg [IA/TN/CRZ/164363/2020] [F.No.11-47/2020-IA.III]

The proposal of M/s Chennai Metropolitan Water Supply and Sewerage Board is for construction of Water Distribution Station & laying of water distribution network at Uthandi village in Chennai district for providing Comprehensive Water Supply Scheme to Mathur, Madipakkam, Jalladampettai and Uthandi Village in Chennai City. The project proponent made a presentation and provided the following information:

- (i) The project involves construction of Water Distribution Station & laying of water distribution network at Uthandi village in Chennai district for providing Comprehensive Water Supply Scheme to Mathur, Madipakkam, Jalladampettai and Uthandi Village in Chennai City.
- (ii) The project proposals include the followings:
 - Construction of underground tank (UGT) of 2 lakh litre capacity
 - Construction of overhead tank (OHT) of 8.0 lakh litre capacity
 - Providing distribution system of size ranging from 100 mm to 400 mm dia DI pipe for a length of 35485 m with necessary house service connections. The length includes the parallel main length of 1619m for enabling to provide house service connections in the size of main 300 mm and above.
 - Laying of 250mm dia DI conveying main from 1000 mm dia desalination main running along ECR and originating from 100 MLD Nemmeli Desalination plant for a length of about 100 m upto the proposed UGT.
 - Construction of a pump house of size 12m x 9m for housing 3 sets of electrical accessories and pumping machineries for pumping water to the proposed OHT inside the Headworks along with a provision for office room, store room and necessary water supply sanitary arrangements.
 - Laying 200mm dia DI pumping main for a length of 50 m for pumping water from proposed UGT to proposed OHT
 - Providing suction and delivery arrangements to UGT and inlet and outlet for OHT
 - Construction of RR masonry compound wall and allied works.
- (iii) The total area proposed is 3.40 sq.km out of which 1.03 sq km falls within the CRZ-II area.
- (iv) No tree felling is involved in the proposed project.
- (v) The total pipe line length is 35.49kms. Approximately 12.06 kms of the pipe line length traverses the CRZ II area. Ductile iron pipes of diameters ranging from 100mm to 400mm for the distribution network.
- (vi) The employment potential of the project is 100 persons
- (vii) The total cost of proposed pipeline project is Rs. 24.85 crores
- (viii) Tamil Nadu Coastal Zone Management Authority has recommended the above proposal for clearance vide their letter No. 3677/EC.3/2020-1 dated 6th March, 2020.

2. The Committee noted that the existing water supply infrastructure consists of 4 Nos. of OHTs with a capacity of 30000 litres with staging height of 6 m to 10 m and with the distribution system of 50 mm dia PVC pipe, which was not adequate to provide water supply at 150 LPCD with 12 m of minimum residual pressure at ferrule points. The Committee also took note that the work is under progress with physical achievement of 37.4 % in non CRZ II areas. The Committee observed that in so far as CRZ implications are concerned, the proposed project will not alter the characteristics of the area from CRZ perspective.

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) As committed by the project proponent, no cutting of trees shall be envisaged during implementation of the project.
- (iii) 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.
- (iv) 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.

AMENDMENT IN CRZ CLEARANCE

3.2 Proposed extension to the existing Breach Candy Hospital situated on property bearing CS No. 1/881 of Malabar Hill Division at 60-A, Bhulabhai Desai Road, Mumbai by M/s Breach Candy Hospital Trust – Amendment in CRZ clearance – reg. [IA/MH/CRZ/167678/2020] [F.No.11-18/2017-IA.III (Vol.I)]

The Ministry had accorded CRZ clearance to M/s Breach Candy Hospital Trust for the proposed extension to the existing Breach Candy Hospital situated on property bearing CS No. 1/881 of Malabar Hill Division at 60-A, Bhulabhai Desai Road, Mumbai *vide* its letter dated 10th July, 2017.

2. M/s Breach Candy Hospital Trust has now sought amendment as detailed as under:

<i>S.No. as per clearance</i>	<i>As per CRZ clearance dated 10.7.2017</i>	<i>Proposed expansion to the extension of existing Breach Candy Hospital</i>	<i>Proposed amendment to be carried out in CRZ clearance dated 10.07.2017</i>
2(ii)	The total plot area is 11810.36 sqm, the area of proposed construction is 3300.68 sqm. The total built-up area is 19505.95 sqm including the existing hospital (16205.27 sqm). the area of proposed construction is 8993 sqm (including approved 3300.68 sqm as per CRZ clearance and proposed 5692.32 sqm). The total built-up area is 19505.95 sqm.....	The total plot area is 11810.36 sqm, the area of proposed construction is 8993 sqm. The total built-up area is 25198.27 sqm including the existing hospital (16205.27 sqm).
2(iii)	The project comprises of one new additional wing ground+1 st to 6 th upper floors (with 29 Nos of beds, ICU.....)	Approved as per CRZ clearance: ground+1 st to 6 th upper floors (with 29 Nos of beds...) Proposed: 7 th to 11 th upper floors (with 61 Nos of beds...)	The project comprises of one new additional wing ground+1 st to 11 th upper floors (with 90 Nos of beds, ICU.....)
2(viii)	Total water requirement is 13.50 KLD, and will be sourced from MCGM	Existing hospital (prior to CRZ	Total water requirement is 205 KLD, and will be sourced from MCGM

		Notification, 1991): 162.5 KLD Approved as per CRZ clearance: 13.50 KLD Proposed: 29 KLD	
2(ix)	Total municipal solid waste generated will be 150 kg/day and Biomedical waste generated will be 60 kg/d	MSW: Approved as per CRZ clearance: 150 Kg/d Proposed: 348 Kg/d Biomedical waste: Approved as per CRZ clearance: 60 Kg/d Proposed: 92 Kg/d	Total municipal solid waste generated will be 498 kg/day. The biodegradable waste will be processed in Mechanical composting unit. Non - biodegradable waste will be handed over to recycler/ Municipal collection system. Biomedical waste generated will be 152 kg/day will be handed over to MPCB authorized vendor for safe disposal as per Biomedical Waste Handling rules 2016.
2(xi)	The total cost of the proposed project is Rs. 42.46 crores		The total cost of the proposed project is Rs. 250 crores
2(xiii)	---	The waste water generation is 193 KLD. The waste water generated will be treated in the existing STP of 400 KLD capacity using MBBR technology.	The waste water generation is 193 KLD. The waste water generated will be treated in the existing STP of 400 KLD capacity using MBBR technology.

3. The matter was discussed in detail and it was noted that the proposed amendment to the extension to the existing Breach Candy Hospital site falls in CRZ-II and only for vertical addition to earlier approved hospital wing and do not involve demolition of the existing hospital structures. The Committee also observed that the Maharashtra Coastal Zone Management Authority has forwarded its recommendation vide letter No. CRZ 2020/CR-58/TC-4, dated 26.08.2020 for the above proposed amendments.

4. In view of the information provided above, the Committee agreed that the request of M/s Breach Candy Hospital Trust for the above proposed amendments. The Committee therefore recommended that the Ministry may carry out the necessary amendment.

RECONSIDERATION

3.3 Proposed development of 100 MLD Desalination Plant & Associated facilities (Pipeline) at Village Gundiwali, Taluka Mandvi, District Kutch, Gujarat by M/s Kutch Seawater Desalination Private Ltd for Gujarat Water Infrastructure Limited (GWIL) - CRZ Clearance - reg. [IA/GJ/CRZ/171614/2020] [F.No. 11-44/2020-IA.III]

The proposal of M/s Kutch Seawater Desalination Private Ltd (KSDPL) is for development of 100 MLD Desalination Plant & Associated facilities (Pipeline) at Village Gundiwali, Taluka Mandvi, District Kutch, Gujarat for Gujarat Water Infrastructure Limited (GWIL). The project proponent made a presentation and provided the following information:

- (i) The proposed project involves development of 100 MLD desalination plant and associated pipeline facilities at Village Gundiwali, Taluka Mandvi, District Kutch, Gujarat.
- (ii) The proposed desalination plant will be managed by a SPV under Shapoorji Pallonji and Company Private Limited (SPCPL) and Aquatech Systems (Asia) Private Limited (ASAPL) on a Hybrid Annuity Model (HAM) for 25 years concession agreement with GWIL.
- (iii) Marine facilities for the proposed project include the following:
 - Intake pipeline laid & buried on the seafloor with intake head at 2610 m offshore
 - Outfall pipeline laid & buried on the seafloor with diffuser ports at 3100 m offshore
 - Sump with pump house on the land at 200 m inland from LFP
 - Plant with other facilities
- (iv) Details of Intake and Outfall Location:

<i>Location</i>	<i>Geographical Coordinates (WGS 84)</i>		<i>UTM Coordinates (Zone 42)</i>	
	<i>Latitude, N</i>	<i>Longitude, E</i>	<i>X (m)</i>	<i>Y (m)</i>
LFP	22°48'14"	69°24'44"	0542324	2521866
Intake				
Intake Distance = 2610 m from LFP Depth = 5 m CD; 9.1 m HHTL	22°47'09"	69°24'14"	0541515	2519820
Outfall				
Outfall diffuser Length= 3100 m from LFP Depth= 6.4 m CD; 10.5 m HHTL	22°47'14"	69°24'34"	0540339	2520036
Distance between intake and outfall is 1200m				

- (iv) The proposed project falls in CRZ - IA, CRZ - IB, CRZ - III and CRZ IV A as per approved CZMP.
- (v) The length traversing the CRZ area is as under:

S.No	Project details	CRZ classification	Length (m)	Total length (m)
1	Proposed intake head pipeline	Non CRZ	15	2610
		CRZ-IA	485	
		CRZ-III (NDZ)	38	
		CRZ-IB	269	
		CRZ-IVA	1803	
2	Proposed outfall diffuser pipeline	Non CRZ	10	3100
		CRZ-IA	482	
		CRZ-III (NDZ)	38	
		CRZ-IB	266	
		CRZ-IVA	2304	
3	Plant layout	Non CRZ area		

- (vi) No ground water in the CRZ area will be extracted during the construction phase.
- (vii) Total power requirement of 25000 KWH shall be sourced from Paschim Gujarat Vij Company Ltd
- (viii) The employment potential of the project is 220 persons.
- (ix) The total cost of proposed project is Rs. 1022 crores
- (x) Gujarat Coastal Zone Management Authority (GCZMA) has recommended the above proposal for clearance vide its letter No. ENV-10-2020-155-T Cell, dated 08th September, 2020 and 16th October, 2020.

2. The Committee in its earlier meeting held on 30.09.2020 had desired for the following information /documents for its examination before the proposal is recommended for clearance from CRZ perspective:

- (i) *A revised proposal with respect to change in plant location away from CRZ-IA and duly endorsed by the concerned SCZMA shall be submitted*
- (ii) *The project proponent shall explore the conservation of turtle nesting in the region and, the feasibility of supplying some brine water (with necessary treatment so that it is suitable for bird health as well as for salt) to authorized saltpan agencies to facilitate setting up of a salt manufacturing unit in the area that might also benefit migratory birds as they use the salt-pans as habitats for feeding and roosting.*

3. On submission of the above said documents the matter was placed for reconsideration in the said meeting. The Committee noted that the proposal consists of seawater intake pipeline with intake head to draw 270 MLD seawater, Plant of 100 MLD with Collection sump and Pump house and outfall pipeline with 8 Diffuser ports to discharge 170 MLD brine reject. The Committee took note that the project site viz. Mandvi coastal is completely characterized by sand beach and backshore with sand dunes. Further, the Coastal sand dune in the vicinity of the project site is composed of fine sand with low density creepers. The Committee also took note of the sand dune management plan submitted by the project proponent and the anticipated impacts to the sand dune and its mitigation measures thereof and found them satisfactory. The Committee further noted that the revised proposal was duly endorsed by the Gujarat Coastal Zone Management Authority vide its letter No. ENV-10-2020-155-T Cell, dated 16th October, 2020.

4. The Committee was also informed by the project proponent that the turtle nesting is not noticed at project site, based on ecology & biodiversity study covering 10 km radius around the proposed project site. The project proponent further committed that in case if any sporadic nesting in coming years, appropriate Turtle Management Plan in coordination with State Forest department shall be undertaken for conservation of Turtle nesting sites.

5. Regarding the feasibility of supplying brine water (with necessary treatment so that it is suitable for bird health as well as for salt) to authorized saltpan agencies instead of discharging into sea or arrange to facilitate setting up of a salt manufacturing unit in the area, the Committee was informed by the project proponent that the efforts are taken to facilitate nearby salt industries to utilize a part of the treated brine for production of salt and based on availability of land, efforts will be made to explore the possibility to create salt marsh for storing treated brine for the benefit of migratory birds. The Committee was also informed that experts from CSIR - CSMCRI, Bhavnagar are being involved in developing a prototype to ensure that the treated brine is safe for the migratory birds.

6. The Committee also desired that a sub-committee comprising of EAC (CRZ) members viz. Dr. Deepak Apte, Dr. M.V. Ramamurthy, Dr. V.K. Jain, Shri.S. Jeyakrishnan and Dr. M. Hota may assist the Committee in making an interim report of strategy to be adopted for desalination plants at large. It was also decided that Dr. Balachandran of BNHS who is specialized on saltpans and migratory waterbirds may be requested to assist in framing the interim report.

7. 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 phase of the project
- (ii) The project proponent shall protect the sand dunes with the help of purely native species found in these areas such as grass and creepers. No trees will be used for dune restoration. Necessary funds will be provided by the project proponent to the implementing agency for the same.
- (iii) The project proponent shall assist in developing a prototype with CSIR- Central Salt and Marine Chemicals Research Institute (CSMCRI) as committed, to reuse the brine discharge for saltpans as migratory bird habitat instead of discharging into sea, while ensuring that the treated brine is safe for the birds and shall submit a report within one year to this Ministry. Necessary funds will be provided by the project proponent to the implementing agency.
- (iv) As committed by the project proponent, appropriate Turtle Management Plan in coordination with State Forest department shall be undertaken for conservation of Turtle nesting sites, in case if any sporadic nesting in coming years. Necessary funds will be provided by the project proponent to the implementing agency.
- (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 construction.
- (vi) Any physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.

- (vii) The project proponent shall close the dune after completion of project and restoration activities shall be undertaken under supervision of the State Forest Department.

3.4 Proposed Laying of Edible oil pipeline from "Y" junction at Oil Jetty of DDPT to BFCL private Limited at Survey No.189, Village Mithirohar, Taluka Gandhidham, District Kutch, Gujarat by M/s BFCL Terminal Private Limited - reg.
[IA/GJ/CRZ/169101/2020] [F.No.11-23/2020-IA III]

The proposal of M/s BFCL Terminal Private Limited was considered by the Committee in its earlier meeting held on 27.08.2020, and the project proponent made a presentation and provided the following information:

- (i) The instant proposal of M/s BFCL Terminal Private Limited is for laying of edible oil pipeline from "Y" junction at Oil Jetty of DDPT to BFCL Terminal private Limited. Total length of pipeline is 11.5 km. Out of this 8.5 kms falls in the common corridor of the port. Within this 8.5 km length, 0.450 km (450.37 meters) falls under CRZ I B and 1.548 km (1548.88 meter) falls under CRZ III. Thus, altogether 1.99 km (1999.25 meters) of the pipeline passes through CRZ area.
- (ii) Detailed route of pipeline, area and location will as follow:

S No.	Pipe Line dia.	Length (km)	Number	Area Covered (Sq.m)	Start	Location	End	Location
1.	14"	11.5	2	0.992	Y- Junction of Oil jetty along with common corridor of pipelines at Deendayal Port Trust	Deendayal Port Taluka : Gandhidham (23° 1' 52.93" N, 70° 13' 13.19" E)	BFCL Terminal Pvt.Ltd. (Tank Farm Division Bharat Foods Co-operative Ltd)	Village: Mithirohar Taluka: Gandhidham (23° 05' 40.80" N and 70° 09' 37.45")
2.	10"	11.5	1	0.506				
3.	16"	11.5	1	1.296				
4.	3"	3.6	1	0.046			Booster Pump station	3.6 Km. from "Y" Junction of Oil Jetty at Deendayal Port Trust

- (iii) The material transfer will be only in one direction from port to terminal and after that the materials will be sent to customers through trucks. There are two systems for transportation of products from Y Junction to terminal given as below:
- Edible Oil (crude / refined) unloading from ship through Pipeline to other Liquid Storage Terminals. Afterwards, shifting of the same to BFCL Terminal Pvt. Ltd. (Tank Farm Division-Bharat Foods Cooperative Ltd.) through Tanker Lorries.
 - Edible Oil (crude / refined) unloading from ship through Pipeline to BFCL Terminal Pvt. Ltd. (Tank Farm Division-Bharat Foods Co-operative Ltd.).

(iv) Details of pipelines are as follows:

S. No.	Diameter of Pipeline	Route of Pipeline	Status
1.	1 14" dia.	Y-Junction TO BFCL Terminal	Constructed
2.	2 3" dia.	AIR LINE Y-Junction TO Booster Pump	Constructed
3.	3 10" dia.	Y-Junction TO BFCL Terminal	Not constructed
4.	4 14" dia.	Y-JUNCTION TO BFCL TERMINAL	Not constructed
5.	5 16" dia.	Y-JUNCTION TO BFCL TERMINAL	Not constructed

(v) Details of Storage Tanks, located outside the CRZ area, are as follows:

S. No.	Nos. of Storage Tank	Diameter X Height (M)	Storage Material	Capacity of Storage Tanks
1.	TANK-101	21.970 X 16.913 M	Edible Oil	6220.506 KLS
2.	TANK-103	14.969 X 16.898 M	Edible Oil	2889.401 KLS.
3.	TANK-104	21.975 X 16.873 M	Edible Oil	6224.908 KLS
4.	TANK-105	14.977 X 16.884 M	Edible Oil	2892.352 KLS
5.	TANK-106	11.979 X 16.846 M	Edible Oil	1848.103 KLS.
6.	TANK-107	14.980 X 16.898 M	Edible Oil	2896.725 KLS.
7.	TANK-108	12.976 X 16.959 M	Edible Oil	2182.307 KLS.
Total Capacity				25154.302 KLS

- (vi) Above the ground the pipeline is laid through butt welding technique and welding works by Tungsten Inert Gas (TIG) for root and two run of welding by using 6013 welding electrodes which is carried out by rectifiers & welding generators. Argon gas to be used for all TIG welding. All the above ground pipelines lying on pedestals made of RCC- M25 and MS fabricated racks using ISMB 175 and MS pipes will be used.
- (vii) Technique for underground pipelines: SS 316L is used and have same joint & welding specifications as mentioned above. All the underground pipelines passing through Hume pipe which is laid by open excavation method
- (viii) CRZ Maps of 1:4000 as per approved CZMP has been prepared by authorized agency i.e., Indian Institute of Remote Sensing (IRS) Anna University, Chennai).
- (ix) Water requirement will be about 1000 KLD for industrial purpose and for domestic drinking water for the security guard will be supplied via drinking water bottles.
- (x) The wastewater generated from the pipeline hydraulic testing operations will be collected in existing raw water storage tank at the parent company's terminal (namely Bharat Foods Cooperative Ltd.) where it will be reused for day to day operations such as cooling, gardening and fire-fighting.
- (xi) Power requirement will be 150 KVA and will be sourced Paschim Gujarat Vij company Limited (PGVCL).
- (xii) The employment potential of the project is 20 persons.
- (xiii) The total cost of proposed pipeline project is Rs.9.0 crores.
- (xiv) Gujarat Coastal Zone Management Authority (GCZMA) has recommended the above proposal for clearance vide its letter No. ENV-10-2018-58 E (T cell), dated 20.05.2020.

2. On perusal of the recommendation of CRZ clearance by the Gujarat CZMA, the Committee in its earlier meeting held on 27.08.2020, observed that the project was recommended by the Gujarat CZMA in accordance with the notification No. S.O.1002(E), dated 06.03.2018 regarding post facto CRZ clearance. The Committee observed that as per the above notification, such

proposals as submitted to this Ministry on or before 30.06.2018 could only be considered. The Committee was informed that a policy decision for such cases is under process and the Committee may like to appraisal on merits of the proposal from CRZ perspective. The Committee therefore agreed to the same and deliberated the proposal only from the perspective of environmental jurisprudence.

3. The Committee also observed in its earlier meeting that from the information made available by the proponent that perhaps there could be no adverse impact on the CRZ characteristics due to the action committed by the project proponent for the fact that the edible oil pipeline has been laid in the existing pipeline corridor and the action executed is only an addition of one more pipeline in the same corridor, wherein other pipelines including that of IOCL and others are operational as on date. The action of the project proponent does not add any adversity in the CRZ area and the environment at large. The EAC therefore had recommended the proposal for in-principle CRZ recommendation subject to suitable remedial measures as stipulated with the following conditions:

- i) The project proponent shall take lead in roping other owners of the pipeline corridor for undertaking an exercise of time bound mangrove plantation in the district in consultation with the forest department. The exercise shall be undertaken within six months of the receipt of clearance;
- ii) The project proponent rope in all organization/entities operating in the DDPT and shall lead in organizing an environment awareness campaign periodically encompassing plastic litter, marine pollution and measures for mitigation and action by all.

4. The proposal was placed for reconsideration for the Committee to examine the extent of damage caused to the environment and accordingly suggest the remedial measures. In this regard, the Committee desired that the punitive charges for violation caused for not taking timely prior clearance shall be levied as per the guidelines to be issued by the Ministry in this case retrospectively. The Committee further desired that the project proponent in this regard shall submit an undertaking to comply to additional conditions to be stipulated as per the above guidelines.

5. The Committee further took note that the project proponent has now submitted a detailed plan of action vide its letter dated 19th October, 2020. Keeping in view that a policy decision for such cases is under process and that the Committee appraised the case on merits of the proposal from CRZ perspective and of the view that the CRZ clearance as and when issued to the project shall be valid from the date of issue and not retrospectively with the following conditions:

- (i) Necessary action may be taken by the Government of Gujarat/GCZMA, as the case may be, under respective provisions of the Environment (Protection) Act, 1986, for violation of the CRZ Notification by way of executing the project without a prior CRZ clearance.
- (ii) The project proponent shall take lead in roping other owners of the pipeline corridor for undertaking an exercise of time bound mangrove plantation in the district in consultation with the forest department and an amount of 1% of the total project cost as committed by the project proponent, shall be earmarked by the proponent for this purpose. The exercise shall be undertaken within six months of the receipt of clearance;

- (iii) The project proponent rope in all organization/entities operating in the DDPT and shall lead in organizing an environment awareness campaign periodically encompassing plastic litter, marine pollution and measures for mitigation and action by all.
- (iv) The project proponent shall submit an undertaking to comply with the guidelines to be issued in this Ministry and penalty to be levied as per the guidelines to be issued on the violation cases.
- (v) The Proponent shall implement all the propositions made in their EIA document including the Environmental Management Plan.
- (vi) All the conditions stipulated by the GCZMA No. ENV-10-2018-58 E (T cell), dated 20.05.2020 shall be strictly complied.
- (vii) The observation of the EAC and the issuance of the CRZ Clearance by the Ministry is subjected to the outcome of the policy decision of the MoEFCC and any Court cases, as may be applicable.

4.0 Any other item with the permission of the Chair.

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