



From
The Principal Secretary/ Chairman cum Managing Director,
TANGEDCO,
144, Anna Salai, Chennai – 2.

To
The Chairman,
National Coastal Zone Management Authority,
Government of India,
Ministry of Environment, Forests & Climate Change,
Agni Wing, 5th Floor, Indira Paryavaran Bhawan,
Jor Bag Road, Aliganj, New Delhi – 110 003.

Lr.No.CE/Plg.& RC/SE/RE&I(D)/EE/CDRRP/AEE/F.CRZ clearance /D.50/18 dt.08.3.18.

Sir,

Sub: TANGEDCO – CDRRP – with funding assistance from World Bank –
Proposal for conversion of Overhead Distribution lines into Underground
cable in Nagapattinam District – CRZ clearance proposal – MoEFCC
F.No.11-50/2017-IA-III – Directions of 181st EAC (CRZ) meeting held on
20.12.17 – Cable route in river crossings – alongside the bridges –
recommendations of TNCZMA – forwarded to NCZMA, GoI – CRZ clearance
requested – Reg.

- Ref:
1. Principal Secy.to Govt/Environment & Forests Dept/Sectt/ GoTN
Lr.No.17946/ EC3/ 2017-1 dt.9.10.17 addressed to the Chairman,
NCZMA/ GoI/New Delhi.
 2. CMD/TANGEDCO Lr.No.CE/Plg.& RC/SE/RE&I(D)/EE/CDRRP/ AE/F.CRZ
clearance/D.203/17 dt.21.11.17 addressed to the Chairman/
NCZMA/MoEF&CC/GoI.
 3. CE/Plg.& RC Lr.No. CE/Plg.& RC/SE/RE&I(D)/EE/CDRRP/AE/ F.CRZ
clearance/D.218/17 dt.15.12.17 addressed to the Member
Secretary/MoEF&CC/ GoI.
 4. Minutes of 181st meeting of EAC (CRZ) held on 20.12.17 at
O/o.MOEF&CC.
 5. Technical Officer (Forestry), MoEF&CC/GoI Lr.No.F.No.11-50/
2017-IA-III dt.1.1.18 addressed to SE/Nagapattinam EDC,
TANGEDCO.
 6. Member Secretary/TNSCZMA & Director of Environment, Chennai Lr No.
R.C. No.P1/433/2017 dated 12.02.2018 addressed to Environment &
Forests Department/ GoTN



7. Principal Secy.to Govt/Environment & Forests Dept/Sectt/ GoTN
Lr.No.2917/EC3/2018-1 dt.26.2.18
8. Proposal No.IA/TN/MIS/71091/2017, MoEFCC File No.11-50/2017-IA.III

The proposal seeking CRZ clearance for the proposed project for conversion of overhead power lines into underground cabling system in Nagapattinam District under Coastal Disaster Risk Reduction Project (CDRRP) with World Bank Assistance was recommended by the Tamil Nadu Coastal Zone Management Authority (TNCZMA), Govt.of Tamil Nadu, to the National Coastal Zone Management Authority (NCZMA)/ Govt.of India vide reference (1) cited, subject to the specific conditions (copy of the letter furnished in Annexure-1).

2. Based on the above, CRZ clearance for the subject proposal was requested vide this office letter cited under reference (2) addressed to Chairman/NCZMA/MOEFCC/Govt.of India and required documents sent for consideration by the EAC meeting was confirmed by this office letter cited under reference (3).

3. This proposal was considered in the 181st meeting of the Expert Appraisal Committee (EAC) for CRZ held on 20.12.2017 at the O/o.MoEF&CC/GoI/New Delhi. (MoEFCC File No.11-50/2017-IA.III).

(a) In the minutes of the above meeting (Agenda item No.3.2) the committee observed that two overhead poles are still proposed to be kept on both sides of the river along the route of cable laying alignment, defeating the objective of the proposal to reduce vulnerability of natural calamity such as cyclone and therefore advised to revise the proposal accordingly. In case it is decided to lay the transmission cable beneath the river bed, the TNCZMA may be approached for the condition prohibiting laying of cable beneath river bed to be amended accordingly and a supplementary Marine EIA report also to be submitted.

(b) The committee further noted that, on the other hand if it so desires to lay cable alongside the bridge crossing the river, the necessity of the same should not arise. (Copy of the minutes furnished in Annexure-2).

(c) During the meeting, the EAC emphasized that, the TANGEDCO may confirm that the laying of cables alongside of the existing bridges in the river crossing locations/canal crossing, will be carried out with due clearance of State Public Works Department authorities and furnish the field reports through the TNSCZMA.

(d) Also, during the meeting TANGEDCO sought exemption for one of the condition stipulated in the TNSCZMA letter cited under reference (1) [condition in para 2



(vii) of the letter] that the height of the LT feeder pillar/service is to be kept atleast 6 (six) feet above ground level and to give approval for erecting the pillar boxes at 4 (four) feet above ground level. For this, the EAC emphasized that, TANGEDCO shall seek exemption for this condition from the TNSCZMA and then forward with its recommendation to MoEF&CC/Govt.of India.

4. In this regard, it is confirmed that TANGEDCO proposes to lay the cables alongside the bridges in the river crossing locations along the route of the cable laying alignment. This is stipulated in the Bid documents also. And hence poles will not be kept for this purpose. There is also no revision in the cable layout proposed. The required clearance for laying the cables alongside the bridges in the river crossing locations have also been obtained from the Highways Department and Public Works Department in Nagapattinam District (copies of clearance letters enclosed in Annexure-3 & 4). The conditions stipulated by the above departments will also be complied with by TANGEDCO.

5. The above details have also been furnished to the Member Secretary/TNSCZMA/GoTN for forwarding to MoEF&CC/GoI with their recommendations. The proposal was considered in the 98th meeting of the TNSCZMA held on 25.1.18, Chennai. In the minutes of the meeting (Additional agenda item No.02, copy furnished in Annexure-5) the authority has confirmed the proposal for laying the cables alongside the bridges in the river crossing locations, considering the clearances obtained from PWD and Highways authorities. The authority also resolved to recommend to the MoEF&CC for the exemption from keeping the pillar boxes at 6 feet above ground level and to give concurrence to provide LT feeder/service pillar at 4 feet height as also approved by the World Bank while executing the project as proposed, and in addition to the other conditions imposed by TNSCZMA. The Director of Environment, Chennai has forwarded the above proposal to Environment & Forest Dept, GoTN vide letter dated 12.02.18 cited under ref(6) for its recommendations to Ministry of Environment, Forests and Climate Change, GoI (Copy furnished in Annexure-6)

6. Inline with the above recommendations, the Principal Secretary to Govt., Environment and Forests Department in his letter dt.26.2.2018 cited under ref.7 (copy enclosed as Annexure-7) addressed to the Chairman NCZMA, MoEF&CC, GoI, New Delhi has recommended the proposal of Member Secretary, TNSCZMA, Chennai for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/service pillar at 4 feet height as also approved by the World Bank, while executing the project as proposed by TANGEDCO and in addition to



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the other conditions imposed by TNSCZMA as mentioned in the reference (1) cited and confirming the proposal for laying the cables alongside the bridges in the river crossing locations considering the clearances obtained from Public Works Department and Highways authorities for clearance under Coastal Regulation Zone Notification 2011.

7. Based on the above recommendations of Government of Tamil Nadu for exempting condition in para 2(vii) mentioned in GoTN's letter cited under reference (1) and confirmation for laying the cables alongside the bridges in the river crossing locations with due clearances obtained from PWD and Highways authorities, I once again request that the CRZ clearance for executing the CDRRP work in Nagapattinam District shall be arranged to be accorded at the earliest.

Yours faithfully,


(M.A. HELEN)

Director (Distribution)
For Chairman and Managing Director/
TANGEDCO 2/2

Encl: Annexure 1 to 7

Copy to Principal Secretary to Government/Environment & Forests (EC-3) Department, Secretariat, Govt. of Tamil Nadu, Chennai – 600 009.

Copy to Member Secretary/Tamil Nadu State Coastal Zone Management Authority & Director, Department of Environment, Chennai-15

Copy to The Commissioner, Disaster Management / Project Director (CDRRP), Chepauk, Chennai – 5.

By Speed Post



மே.பொ. :

செ.பொ./பொது:

து.நி.க.அ.:

Environment & Forests (EC-3)
Department, Secretariat,
Chennai – 600 009

Letter No. 17946/EC.3/2017-1, Dated: 09.10.2017

From
Thiru. Md. Nasimuddin, I.A.S.
Principal Secretary to Government.

To
The Chairman,
National Coastal Zone Management Authority,
Government of India,
Ministry of Environment, Forests & Climate Change,
Agni Wing, 5th Floor,
Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj,
New Delhi – 110 003. (w.e.)

Sir,

Sub: Coastal Regulation Zone – Application for Coastal Regulation Zone clearance – Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankanni (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, Tamil Nadu Generation and Distribution Corporation Ltd, Nagapattinam – Clearance requested under Coastal Regulation Zone Notification 2011- Requested – Forwarded- Regarding.

Ref: From the Member Secretary, Tamil Nadu State Coastal Zone Management Authority / Director of Environment letter R.C. No.P1/433/2017 dated. 13.09.2017.

I am to enclose a copy of the proposal received from the Member Secretary, Tamil Nadu State Coastal Zone Management Authority/Director of Environment together with its enclosures and to state that the Member Secretary, Tamil Nadu State Coastal Zone Management Authority/ Director of Environment has sent the proposal for Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankanni (Vadakkupoigainallur) of Nagapattinam Taluk and district, in 4 packages (packages 4 to 7) proposed by the Superintending Engineer, The Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO), Nagapattinam and he has furnished the following details:-

- a. The project involves conversion work of 22KV OH line system to UG cable system. The package 4 for Nagapattinam town proposes to convert about 6.253 km of HT line and about 27.364 km of LT line into underground electrical cable. The package 5 for Nagore and Thonithurai proposes to convert about 28.58 km of HT line and about 59.98 km of LT line into underground electrical cable. The package 6 for Velippalayam Town proposes to convert about 26.30 km of HT line and about 94.67 km of LT line into underground electrical cable. The package 7 for Velankanni proposes to convert about 37.098 km of HT line and about 38.805 km of HT line into underground electrical cable.
- b. The EIA report stated that the HT line, LT line, Service cables, street light cables will be placed in the trenches placed on the foot path side of the road and the trenches will vary from 0.3 to 1.2 m depending on the number of HT, LT and service cables to be laid in the trench.
- c. The District Coastal Zone Management Authority, Nagapattinam district has stated that the proposed project is falling in CRZ-I, II, III and IV areas in the above said areas at Nagapattinam taluk and the details of the Survey Nos. are mentioned in the report. The Total Project cost is Rs.227.30 Crores.
- d. The District Coastal Zone Management Authority in the meeting held on 10.02.2017 has recommended the proposal to State Coastal Zone Management Authority with the following conditions.
- i. The cable laying activity shall not be carried out in the areas falling under CRZ-I and CRZ-IV.
 - ii. The cable laying activity shall be carried out in coordination with various Departments / Agencies such as Municipality, Town Panchayat, Village Panchayat, Tamil Nadu Water supply and Drainage Board, Highways Department, Public Works Department, BSNL etc. and shall ensure that it does not affect the existing water supply lines, drainage lines, existing cabling system etc.
 - iii. The project proponent shall ensure that in Velankanni Town area, the cable laying activity shall not be duplicated since already there is a proposal by the Town Panchayat in Velankanni Town to lay underground cables. The project proponent shall consult the Velankanni Town Panchayat in this regard.
 - iv. The project proponent shall ensure that the height of the LT feeder Pillar / service is kept atleast 3 feet above ground level so as to avoid the possibility of damage due to flooding in case of heavy rain.
 - v. The project proponent shall take all precautionary measures and shall ensure that no power leakage occurs from the cables laid underground under any circumstances.
- e) The subject was placed before the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 08.09.2017 and the Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India.

2. The Member Secretary, Tamil Nadu State Coastal Zone Management Authority/Director of Environment has sent a copy of proposal along with the reports,

HTL map and minutes of the 96th meeting of Tamil Nadu State Coastal Zone Management Authority held on 8.9.2017 and requested that the proposal may be recommended to Ministry of Environment, Forests & Climate Change, Government of India subject to the following specific conditions:

- i. The work shall be carried out, initially through trial pits/ trenches on a pilot scale and after analyzing the pros and cons, the work shall be executed without any adverse impact on the coastal eco-system.
- ii. As far as possible, the cutting of trees shall be avoided and if not possible, the transplant of trees should be explored. Further sufficient seedlings/ tall plants should be planted newly, wherever possible in the project site and ensure their growth.
- iii. The dismantling of the existing overhead network with waste materials such as transformers, conductors, poles etc should be reused in a different project areas and the excavated earth while laying the electrical cables should be reused for backfilling and compaction of the UG cable trenches.
- iv. The cable laying activity shall not be carried out in the areas falling under CRZ-I and CRZ-IV.
- v. The cable laying activity shall be carried out in coordination with various Departments / Agencies such as Municipality, Town Panchayat, Village Panchayat, Tamil Nadu Water supply and Drainage Board, Highways Department, Public Works Department, BSNL etc. and shall ensure that it does not affect the existing water supply lines, drainage lines, existing cabling system etc.
- vi. The project proponent shall ensure that in Velankanni Town area, the cable laying activity shall not be duplicated, since already there is a proposal by the Town Panchayat in Velankanni Town to lay underground cables. The project proponent shall consult the Velankanni Town Panchayat in this regard.
- vii. The project proponent shall ensure that the height of the LT feeder Pillar / service is kept at least 6 (Six) feet above ground level so as to avoid the possibility of damage as well as to ensure safety due to flooding in case of heavy rain.
- viii. The project proponent shall take all precautionary measures and shall ensure that no power leakage occurs from the cables laid underground under any circumstances.

3. In line with the recommendation of the Tamil Nadu State Coastal Zone Management Authority, this Government recommend the proposal of the Member Secretary, Tamil Nadu State Coastal Zone Management Authority /Director of Environment, Chennai for Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankanni (Vadakkupoigainallur) of Nagapattinam Taluk and district, in 4 packages (packages 4 to 7) proposed by the Superintending Engineer, Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO), Nagapattinam to the Chairman, National Coastal Zone Management Authority, Government of India, Ministry of Environment, Forests & Climate Change,

New Delhi for clearance under Coastal Regulation Zone notification 2011, subject to the specific conditions mentioned at para 2 above.

Yours faithfully,

A. Sub
10/10/12
for Principal Secretary to Government

Copy to:-

The Member Secretary,

Tamil Nadu State Coastal Zone Management Authority /
Director of Environment, , Chennai – 15.

✓ The Superintending Engineer,
Nagapattinam Electricity Distribution Circle,
Nagapattinam - 611 001.
(with a request to furnish 20 copies of
the proposal of GoI, MoEF&CC, New Delhi)
SF/SC.

MINUTES OF THE 181st MEETING OF EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 20th DECEMBER, 2017 AT INDIRA PARYAVARAN BHAWAN, MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, NEW DELHI

The 181st Meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 20.12.2017 at Conference Hall (Teesta), Vayu Wing, 1st Floor, Indira Paryavaran Bhawan, New Delhi. The members present were:

1.	Dr. Deepak Arun Apte	-	Chairman
2.	Dr. V.K Jain	-	Member
3.	Dr. N.K Verma	-	Member
4.	Dr. Anil Kumar Singh	-	Member
5.	Dr. Prabhakar Singh	-	Member
6.	Dr. Mohan Singh Panwar	-	Member
7.	Shri. Sharad Chandra	-	Member
8.	Smt. Bindu Manghat	-	Member
9.	Shri. Arvind Kumar Nautiyal	-	Member Secretary

Dr. M.V. Ramana Murthy, Shri T.P. Singh, Dr. Asha Ashok Juwarkar, Shri. Narendra Surana and Dr. Anuradha Shukla were absent.

Also in attendance: Shri W. Bharat Singh, 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 minutes of the 179th meeting had taken care of the comments received from members as necessary confirmed the minutes.

3.0 CONSIDERATION OF PROPOSALS:

FRESH PROPOSALS:

3.1 Proposal for foreshore facilities (Pipe Coal conveyor and Cooling water intake and outfall pipe lines) of the proposed ETPS Replacement project (1X660 MW), District Tiruvallur, Tamil Nadu by Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO) [F.NO.11-48/2017-IA.III]- reg.

The proposal for setting up of foreshore facilities (Pipe Coal conveyor and Cooling water intake and outfall pipe lines) of the proposed ETPS Replacement project (1X660 MW), District Tiruvallur, Tamil Nadu was considered and in the course of the presentation made by the project proponent, the Committee noted that the instant case is not just for foreshore facilities such as Pipe Coal conveyor and Cooling water intake and outfall pipe lines but also includes setting up of 1x660 MW Thermal Power

as replacement of a decommissioned 450 MW Unit. The same has also been noted in the recommendation for CRZ clearance received from TNCZMA through the Department of Environment, Government of Tamil Nadu.

2. The Committee was also informed that TOR for the replacement by 1x660 MW was issued by Thermal Sector of IA Division and the project proponent has a subsisting CRZ clearance for the Pipe Cola Conveyor and intake and outfall pipelines which will expire in December, 2018.

3. The Committee observed that in accordance with para no, 4(b) of the CRZ Notification, 2011, the instant proposal should necessary be dealt by the EAC (Thermal) Sector and therefore advised the project proponent to approach the concerned sector for the needful. Accordingly the proposal was dropped. The Committee therefore recommended that the instant proposal may be delisted from the pending list of the CRZ portal.

3.2 Proposed Conversion of Overhead Distribution lines into underground Cabling System at Nagapattinam Town, Nagore Town Velipalayam Town, Thonithural and Velankanni (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO) [F.NO.11-50/2017-IA.III] reg.

The project proponent made a presentation and provided the following information:

- i) The proposed project is conversion of overhead power lines into underground cabling system in Nagapattinam District under Coastal Disaster Risk Reduction Project (CDRRP) with World Bank assistance.
- ii) The aim of the project is to reduce the vulnerability of the coastal communities to a range of natural hazards such as cyclone, storm surge, floods, tsunamis etc.
- iii) The underground cable laying works buried by excavating nominal trench of 1.2 M depth and 0.5 to 0.9 m width.
- iv) The total length of proposed cable is 211.38 Km. Out of proposed cable, 28.2 Km length of cable fall in CRZ II and 15.24 Km length fall in CRZ III.
- v) The total Cost of the project will be Rs 186 crores.
- vi) The proposed project site is located in CRZ- II and CRZ- III as per CZMP.
- vii) CRZ map indicating HTL, LTL demarcation in 1:4000 scale with the proposed cabling route superimposed on the map has been prepared by IRS, Anna University.
- viii) Details for Package 4:
 - a) Conversion of HT and LT overhead line into underground cable system in Nagapattinam Town consisting of 6.253 km of HT line and about 27.364 km of LT line into underground electrical cable.
 - b) The estimated cost of the Package is Rs. 50.00 crores.
 - c) Existing OH network of the Package - 4:

S.NO.	Feeder Name	HT Length (kms)	No. of DTs	LT Length (in km)	Feeder Load (in Amp)	1 ph consumer	3 ph consumer
1	Nagapattinam Town	6.253	31	27.364	295	6297	900

d) The proposed UG Cable network of the Package – 4 is as follows:

Feeder Name	Nagapattinam Town 1	Nagapattinam Town 2	Grand total
HT Length(km)	8.047	7.460	15.507
LT Length(km)	42.798	28.947	71.745
Service cables (km)	201	171	372
Street light cables (km)	19	15	34
DTs (Nos.)	33	31	64
LT Panel (Nos.)	20	19	39
Feeder Pillars(Nos.)	96	76	172
Service Pillars (Nos.)	505	381	886
Trenchless crossings (Nos.)	13	14	27
Pipe crossings (Nos.)	175	179	354
RMU (Nos.)	35	36	71

ix) Details for Package 5:

- Conversion of HT and LT overhead line into Under Ground cable system in Nagore and Thonithurai consisting of conversion of about 28.58 km of HT line and about 59.98 km of LT line into underground electrical cable.
- The estimated cost of the package is Rs. 43.00 crores.
- Existing OH network of the Package - 5:

S.NO.	Feeder Name	HT Length (kms)	No. of DTs	LT Length (in km)	Feeder Load (in Amp)	1 ph consumer	3 ph consumer
1	Nagore	24.35	54	48.15	718.79	7384	1063
2	ThoniThurai	4.23	17	11.83	293.93	2508	47
	Grand Total	28.58	71	59.98		9892	1110

d) The proposed UG Cable network of the Package - 5:

Feeder Name	Nagore feeder 1	Nagore feeder 2	Nagore feeder 3	Thonithurai	Grand total
HT Length(km)	9.960	8.883	9.741	4.710	33.294
LT Length(km)	19.962	32.831	16.048	17.823	86.664
Service cables (km)	68.08	98.5	65.32	103.5	335.4
Street light cables (km)	4.1	5.2	3.1	4.4	16.8
DTs (Nos.)	30	29	24	22	105
LT Panel (Nos.)	23	21	19	21	84
Feeder Pillars(Nos.)	59	82	43	79	263
Service Pillars (Nos.)	285	401	179	308	1173
Trenchless crossings (Nos.)	2	3	4	4	13

Pipe crossings (Nos.)	134	169	123	146	572
RMU (Nos.)	35	32	24	22	113

x) Details for Package 6:

- Conversion of HT and LT overhead line into Under Ground cable system in Velipalayam and Velipalayam Water Works consisting of conversion of about 26.3 km of HT line and about 94.67 km of LT line into underground electrical cable.
- One new Switching station at SIPCOT area.
- The estimated cost of the Project is Rs. 48.00crores.
- Existing OH network of the Package - 6 is as follows:

S.NO.	Feeder Name	HT Length (kms)	No. of DTs	LT Length (in km)	Feeder Load (in Amp)	1 ph consumer	3 ph consumer
1	Velipalayam	22.22	44	94.67	682.34	10817	863
2	Water Works	4.08	1	No LT Service			

(e) The proposed UG Cable network of the Package -6:

Feeder Name	Vellipalayam Feeder 1	Vellipalayam Feeder 1	Vellipalayam Feeder 1	Water works	Grand total
HT Length(km)	8.362	9.368	11.015	4.125	32.87
LT Length(km)	35.337	40.451	44.954	0	120.74
Service cables (km)	140	154	173	0.04	467.04
Street light cables (km)	21.37	23.51	26.36	0	71.24
DTs (Nos.)	32	26	33	1	92
LT Panel (Nos.)	26	19	25	0	70
Feeder Pillars(Nos.)	102	74	87	0	263
Service Pillars (Nos.)	479	361	416	0	1256
Trenchless crossings (Nos.)	15	11	8	1	35
Pipe crossings (Nos.)	126	161	317	26	604
RMU (Nos.)	39	32	38	1	110

xi) Details for Package 7-

- Conversion of HT and LT overhead line into Under Ground cable system in Velankanni Town consisting of conversion of about 37 km of HT line and about 39 km of LT line into underground electrical cable.
- The estimated cost of the package is Rs. 45.00 Crores.
- Existing OH network of the Package - 7 is as follows.

S.NO.	Feeder Name	HT Length (kms)	No. of DTs	LT Length (in km)	Feeder Load (in Amp)	1 ph consumer	3 ph consumer
1	Velankanni	37.098	67	38.805	848.55	3924	445

(d) The proposed UG Cable network of the Package - 7:

Feeder Name	ECR	Serudur	Velankanni Town 1	Velankanni Town 2	Grand total
HT Length (km)	13.285	7.744	6.194	4.785	32.008
LT Length (km)	2.99	20.03	26.22	18.39	67.64
Service cables (km)	47.1	46	48.4	34	175.5
Street light cables (km)	4.2	7.1	4.4	7.9	23.6
DTs (Nos.)	32	20	12	10	74
LT Panel (Nos.)	17	18	12	10	57
Feeder Pillars (Nos.)	3	35	31	33	102
Service Pillars (Nos.)	18	161	159	189	527
Trenchless crossings (Nos.)	12	9	6	4	31
Pipe crossings (Nos.)	38	63	71	69	241
RMU (Nos.)	26	22	16	12	76

xii) The TNCZMA has recommended the project vide letter No. 17946/EC.3/2017-1, dated 09.10.2017.

2. The Committee observed that two overhead poles are still proposed to be kept on both sides of the river along the route of the cable laying alignment, defeating the objective of the proposal, which is reducing vulnerability of natural calamity such as cyclone. The project proponent could not impress upon the Committee about the utility or essentially of retaining two overhead poles. The Committee therefore advised that the proposal in its present form is devoid of merit and therefore advised the project proponent to revise its proposal accordingly.

3. The Committee also observed that while recommending the instant proposal for CRZ clearance, the TNCZMA has recommended that the cable laying activity shall not be carried out in the areas falling under CRZ-I and CRZ-IV.

4. *The Committee noted that in case the project proponent revises its proposal and decides to lay cables in the river bed it shall approach the TNCZMA and get the abovementioned conditions amended accordingly. While doing so the project proponent shall ensure that it submits a supplementary Marine EIA report carried out for the said task. The Committee further noted that, on the other hand, if it so desires to lay cable alongside the bridge crossing the river, the necessity of the same should not arise.*

5. *In view of the observations made above the Committee deferred the proposal with a recommendation that in case the revise proposal is not submitted with requisite documents within three months the proposal may be delisted from the pending list.*

3.3 Proposal for Creation of dedicated coastal berth parking at Porbandar Port under Sagar Mala Project at Porbandar Village, Porbandar

Tehsil, Porbandar District Gujarat by Gujarat Maritime Board, Gandhinagar, Gujarat [F.NO.11-49/2017-IA.III] - reg.

The proposal of M/s Gujarat Maritime Board, Gandhinagar, Gujarat is for creation of dedicated coastal berth parking at Porbandar Port under Sagar Mala Project at Porbandar Village, Porbandar Tehsil, Porbandar District Gujarat. The project proponent made a presentation and provided the following information:

- (i) The port is located at 21°38'37.59"N 69°34'52.52"E and 21°37'1.34"N 69°35'35.89"E, in Porbandar village, Porbandar Tehsil, Porbandar District, Gujarat along the west coast of India.
- (ii) The proposed coastal berth will be used for anchoring of cargo loaded barges and for handling of non-dusty cargoes such as limestone, salt, raw cotton and other food products, during the peak cargo traffic hours in the port facility.
- (iii) The proposed coastal berth will handle only the consented cargoes within the overall existing capacity of Porbandar Port facility.
- (iv) Development of dedicated coastal berth parking at Porbandar Port under Sagar Mala project.
- (v) Total berth area is 6700m². The project component includes construction of coastal berth within existing port facility.
- (vi) Port is well connected with SH-6 is available at 2.65km aerial distance and NH8B is available at 4.95km aerial distance from the port entrance.
- (vii) The size of berth will be 100mx67m.
- (i) Major activities in the project proposal include reclamation below the berthing platform upto the level of +6m using rubble boulders, the capital dredging of 43360m³.
- (ii) Porbandar WLS/Bird Sanctuary is located at 1.08km in NNE direction.
- (iii) The total cost of the project will be Rs 40.00 crores.
- (iv) Solid wastes generated during construction phase will be disposed as per Municipal guidelines, as practiced in the existing plant operation.
- (v) Energy requirement and sources will be existing power supply of 11kVA from Paschim Gujarat Vij Company Limited (PGVCL).
- (vi) The proposed area falls in CRZ-IB, CRZ-II and CRZ-IVA.
- (vii) CRZ map indicating HTL, LTL demarcation in 1:4000 scale has been prepared by National Centre for Sustainable Coastal Management (NCSCM), Anna University, Chennai.
- (viii) The proposed berthing facility will be utilized only for parking the cargo loaded barges in the peak hours, in order to reduce the congestion in the harbour area. Handling of the existing cargo handling operation of Porbandar port. This will also benefit to minimize the anchoring of cargo loaded barges in the harbor area during non-availability berthing facility and will evolve the existing cargo operation efficiently.
- (ix) The Gujarat Coastal Management Authority (GCZMA) recommended the project vide letter No. ENV-10-2017-63-E (T cell) dated 18.11.2017.

2. The Committee observed that project proponent desires to create a dedicated facility for cargo loaded barges in order to enhance cargo handling operation in the port and has applied the instant proposal as a standalone proposal for CRZ clearance.

The Committee noted that the instant proposal is a part of the expansion of the port under Sagar mala project and therefore advised that the same may be delinked from the port expansion project and accordingly revise its proposal to enable the Committee in appraisal of the same.

3. *Based on the deliberations held the Committee recommended that the proposal be deferred and taken up at a later date after the project proponent get the needful done and submits the revised proposal. The Committee further recommended that in case the revise proposal is not submitted with requisite documents within three months the proposal may be delisted from the pending list.*

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

HIGHWAYS DEPARTMENT
CONSTRUCTION AND MAINTENANCE

From

To

Thiru.J.Elamvazhuthi, B.E.,
Divisional Engineer,
Highways,
Construction and Maintenance,
Nagapattinam.

The Executive Engineer,
Operation & Maintenance,
TANGEDCO,
Nagapattinam.

Letter No. 19/2018/JDO 1/Dated. 05.01.2018

Sir,

Sub: Nagapattinam Highways C&M Division – TANGEDCO- CDRRP – Conversion of OH lines to UG cables funded by world bank – conditions to lay UG Cable along existing river Bridges – Regarding.


Ref: Executive Engineer, Operation & Maintenance, TANGEDCO, Nagapattinam.
Letter No. EE/O&M/NGT/F.CDRRP/D.NO : 3031/17/Dated : 29.12.2017.

With reference to the Executive Engineer, TANGEDCO, Operation & Maintenance, Nagapattinam letter cited, the No Objection Certificate for laying of UG Cable across the enclosed bridges maintained by the Highways, Construction and Maintenance, Nagapattinam is hereby given with the following conditions.

Conditions:

1. The capacity of power line should be mentioned by the TANGEDCO in the proposal for applying permission for laying of cable line.
2. The power cable line should be laid in the outside of bridge portion only.
3. The power cable line should be laid through a larger size of outer pipe fixed with necessary heavy gauge steel angled clamps for safety of Public.
4. The TANGEDCO is the fully responsible for safety of public.
5. At the time of maintenance / renovation of bridge work, temporary shifting of power line, should be done by the TANGEDCO and the cost for shifting and re fixing should be spent by the TANGEDCO.
6. The Highways Department is not responsible for shifting cable line.
7. If any damages occurred at the time of laying cable line, the TANGEDCO is fully responsible to restore the damage in the bridge.
8. The detailed proposal for laying cable line should be furnished with following details at the time of execution.
 - i. The Capacity of power line.
 - ii. Site plan with details of size of pipes etc.,
9. After getting permission for laying UG cable to be execute under the supervision of Highways officials.


Encl : Bridge Details – 1.


Divisional Engineer,
Highways, C&M, 5.1.18
Nagapattinam.

82001
05/01/18

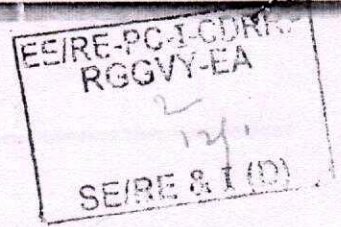
BRIDGE DETAILS

Sl. No.	Name of Road	Bridge Location	River Name
1	Nagore - Nagapattinam - Ramanathapuram - Tuticorin Road (SH - 200)	8/4	Railway Over Bridge
2	Nagore - Nagapattinam - Ramanathapuram - Tuticorin Road (SH - 200)	9/6	Odampokkiyar
3	Abandoned NH 45A (Villupuram - Pondy - Cuddalore - Nagapattinam) Road	186/6	Vettar
4	Akkaraipettai - Velankanni Road (Via) Vadakkupoiyur (M1011A)	0/2	Kaduvaiyar
5	Akkaraipettai - Velankanni Road (Via) Vadakkupoiyur (M1011A)	2/4	Sea Back water (Kallar Bridge)


Divisional Engineer,
Highways, C&M, 5.11.18
Nagapattinam.

For
05/01/18

ANNEXURE - 4.



P.W.D / W.R.D

From
Er. R.Thiruvettaisellam, M.Tech, M.B.A.,
Executive Engineer, P.W.D.,
Vennar Basin Division,
Thiruvarur.
Phone : 04366-241347
Fax : 04366-241354
E-mail ID : eevrtvr@gmail.com

To
The Superintending Engineer,
Nagai Electricity Distribution Circle,
TANGEDCO.,
Nagapattinam.

Lr.No. DB / F 107 (HY) / 2018 / D2 / Dt. 05.01.2018.

Sir,

Sub: TANGEDCO - NEDC / Nagapattinam - CDRRP
Conversion of OH lines to UG Cables funded by World
Bank - consent requested - NOC - Reg.

- Ref :** 1) The Superintending Engineer, Nagai Electricity
Distribution Circle, Nagapattinam Lr.No.CE/ PLG&RC
/SE/RE&I(D)/EE/CDRRP/AE/F.CDRRP/D.25/16,
Dt.03.06.2016.
- 2) The Superintending Engineer, Nagai Electricity
Distribution Circle, Nagapattinam Lr.No. CE/ PLG&RC
/SE/RE&I(D)/EE/CDRRP/AE/ F.Clearances/D.223/
17, Dt.27.12.2017.
- 3) The Superintending Engineer, Nagai Electricity
Distribution Circle, Nagapattinam Lr.No. SE/ NEDC /
NGT / EE / GEL / AEE / R-APDRP /F.UG Cable / D.266
/ 2017 / Dt.02.01.2018.

With reference to the Superintending Engineer, Nagai Electricity
Distribution Circle, Nagapattinam letter cited, the No Objection Certificate
for laying of UG Cables across Uppanar (Devanadhi) and Vettar is hereby
given with the following conditions.

CONDITIONS :-

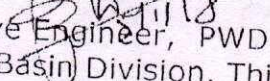
1. Bed width of Uppanar (Devanadhi) and Vettar should not be
reduced by implementing the proposal.
2. The linear water way should not be reduced.

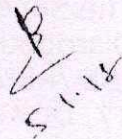
P.T.O.



...2...

3. During Execution, Existing masonry structures should not be damaged. The disturbed masonry should be reconstructed to its original standards at their own cost.
4. By taking up this proposal, drainage capacity of the river should not be affected on any account.
5. After completion of the works the excavated earth should be conveyed and deposited on both banks of River and it should be consolidated and sectioned properly.
6. Necessary site inspection will be done during the execution based on your stage of work report to PWD/WRD.


Executive Engineer, PWD., WRD.,
Vennar Basin Division, Thiruvapur.


S. 1. 14

98th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 25.01.2018

Time: 4.30 P.M.

Venue:

Conference Hall of the
Environment and Forests Department,
7th floor, Secretariat,
Chennai - 600 009

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03	Proposed widening of North Chennai Thermal Power Station Road (km 0/000 to 4/800) & Ennore Port Road (km 0/000 to 2/400) in Vallur and Athipattu Villages, Ponneri Taluk, Tiruvallur district proposed by M/s. Tamil Nadu Road Development Company Ltd., (TNRDCL)	14
04	Proposed construction of Warehouse storage building project proposed by M/s. MRF Limited at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur in T.S.No.3, 5/1A, 5/2A Block No.1 Ward No.1 of Thiruvottiyur, Tiruvottiyur Taluk, Tiruvallur District.	16
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07	Proposed subdivision of land at R.S.No. 1633/21, Block No.52, bearing door No.5, Dr.P.V. Cherian Crescent Road, Egmore, proposed by Thiru Christopher Samuel, Egmore, Chennai.8	22
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THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -

98th MEETING

Date: 25.01.2018

Time: 4.30 P.M.

Venue:

**Conference Hall of the
Environment and Forests Department,
7th floor, Secretariat, Chennai - 600 009**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 97th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 29.11.2017.**

The 97th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 29.11.2017 and the minutes were communicated in letter No. P1/1044/2015 dated 08.12.2017 (copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 97th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY HELD ON 29.11.2017**

AGENDA ITEM NO.01: Confirmation of the minutes of the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 08.09.2017.

The minutes of the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 08.09.2017 communicated in Letter No.P1/1044/2015 dated 13.09.2017 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 96th meeting of the Authority held on 08.09.2017

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 96th meeting of the Tamil Nadu State Coastal Zone Management authority held on 08.09.2017.

AGENDA ITEM NO.03: Mining of Rare minerals in mining lease area of 141.33 ha & 7.06 ha at Manavalakurichi, Lakshmipuram and Colachel villages of Kalkulam taluk in Kanniyakumari district proposed by M/s. Indian Rare Earths Limited

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- a) The unit shall adhere to the guidelines / stipulations / conditions of mining lease and shall follow the mining plan.
- b) The unit shall not use any explosives for the mining. No blasting or drilling for mining shall be carried out.
- c) In inter-tidal zone, Manual mining operations are to be carried out, only by deploying persons using baskets and hand spades for collection of ore or mineral, as per the approved mining plan.
- d) The unit shall ensure that the mined area is refilled with the tailings. The aesthetic appeal of the beaches should be retained by avoiding artificial sand-dunes of greater heights.

- e) The beach profile shall be monitored periodically with the maintenance of relevant records / measurements / details so as to take appropriate remedial action on the event of any adverse impacts.
- f) There shall be no extraction of ground water without permission from the Competent Authority.
- g) There should not be any sea water intrusion due to the project activities and periodical water quality monitoring shall be conducted.
- h) No road shall be formed in CRZ
- i) No liquid or solid waste shall be generated and disposed off in CRZ.
- j) The unit shall develop green belt within / outside mining area.
- k) The unit shall not establish new mineral separation plant / processing unit within CRZ areas and also there should not be any expansion of existing mineral separation plant/processing unit.
- l) The unit shall obtain consents, in appropriate stages, from the Tamil Nadu Pollution Control Board.

AGENDA ITEM NO.04: Setting up of 400 MLD SWRO Desalination Plant at Perur along ECR, Chennai - Fresh Recommendation requested as per EAC meeting proposed by CMWSSB.

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

The Authority resolved to recommend the proposal to the Ministry of Environment Forests and Climate Change. Government of India subject to the following specific conditions:

- a) The conditions imposed already for the project in the 87th meeting of the TNSCZMA held on 14.01.2017 shall be adhered.
- b) Besides, turtle conservation plan shall be prepared and implemented during the project period.

AGENDA ITEM NO.05: **Proposed construction of two training walls to provide permanent stability of bar mouth in Pulicat Lake at Pulicate Village, Ponneri Taluk, Tiruvallur district proposed by Fishing Harbour Project Division, Fisheries Department.**

The Authority resolved to Clear the Project subject to the following specific conditions:

- a) Construction of two training walls should be exactly as per the design provided by IIT Madras, with no compromise on materials used and dimensions on the groin.
- b) The performance of the proposed 2 North groins to arrest likely erosion and the training walls should be continuously monitored to ensure their effectiveness in controlling erosion and maintaining desired depths at mouth of the lake.
- c) It should be ensured that no over topping of sand occur on southern groins which may totally bury the groin.
- d) The Fisheries Department should furnish a factual report on the status of groins once in three months and a team from the Department of Environment should monitor the impacts regularly along with the livelihood of fishermen the overall eco-system due to the above activity. The Fisheries Department should provide sufficient allocation of funds for monitoring and maintenance of the groins at-least for 5 years, initially.
- e) The activity should not have any adverse impact on the marine organisms and hence the impact on the Corals, Marine Organisms, Turtle nesting etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of experts, in which, ecologists should be included. The Fisheries Department should also Co-opt with an Institution like MSSRF., CAS Marine Biology in Annamalai University, Parangipettai,
- f) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities.
- g) Prior Clearance under EIA Notification 2006 should be obtained from the SEIAA.

- h) Prior Clearance from the Forest Department should be obtained if the location of the project, is falling under protected area, under the control of Forests Department.
- i) In Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT (SZ) has issued orders on 4th September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal. Hence shore protection work on the coast of Tamil Nadu should be carried out as per the final orders of the Tribunal in the above said application.

AGENDA ITEM NO.06: Proposed development of Fishing Harbour at Vellapallam Village, Vedaranyam Taluk, Nagapattinam district proposed by Asst.Director of Fisheries, Nagapattinam (South).

The Authority resolved to request the Fisheries Department to furnish the following documents/ details to take further action.

- a) The Proposed 2 break-waters for fishing harbor at Vellapallam are likely to affect coastal process especially the dynamics of silt movement between kodikkarai and the Vellapallam, as silt on shore bed is washed during southwest monsoon are transported southwards during the following southerly drift period. The silt transported southwards may supply silt to the creek systems southward and enrich the mangroves. Further the coast is accreting in nature. The proposed backwater may prevent or alter the silt balance of the coast affecting the mud flats and mangroves which are the ecologically sensitive. It is necessary to estimate the likely silt loss to Vedaranyam and Muthupet creeks using field measurements and simulation studies for the subcell 13 A (between Kodikkarai and Karaikal harbor south) sub-cell 12 C (Kodikkarai to north of Agniar river) and the revised proposal to be submitted considering the impact of break waters on silt budget of the above two sub-cell areas with remedial measures.

.06.

- b) Robust overall ecological assessment should be done. The assessment should be on habitat approach such as the bird population, sacred groves etc., covering at-least 10 kms radius from the project site.

AGENDA ITEM NO.07: Proposed construction of Fish Landing Centre at Kundthukal, Ramanathapuram district proposed by Asst. Director of Fisheries, Rameswaram.

The Authority resolved to request the Fisheries Department to furnish the following documents/ details to take further action.

- a) As the project area is falling in Gulf of Mannar Bio-sphere, Robust ecological assessment should be done. The assessment should be on habitat approach such as the bird population, sacred groves etc., covering at-least 10 kms radius from the project site.
- b) Fish waste should not be thrown in sea and a detailed proper management of fish waste should be furnished.
- c) A detailed report on the powers and functions of Management Committees and Co-Management Committees, indicated during the meeting, for the aesthetic maintenance of the Fish Landing Center shall be furnished.

AGENDA ITEM NO.08: Proposed Four laning of Villupurm - Puducherry - Cuddalore - Nagapattinam Section of NH-45A in the State of Tamil Nadu under NHDP Phase-IV proposed by National Highway Authority of India

The Authority resolved to request the following documents from the Project Proponent for taking further action.

- a) The HTL demarcation map, as per the approved Coastal Zone Management Plan, from an authorized agency, approved by GoI may be furnished.
- b) If additional locations/ stretch of alignment is falling in CRZ, as per the revised mapping, the details of the Environmental Impact Assessment along with the mitigation / Management Plan to counter the adverse impact may be furnished.

- c) As the road alignment is falling in CRZ-IB (inter-tidal zone) and CRZ-IV (B) (water area), the tidal flow mathematical models or any stimulation models to be furnished to ensure free tidal flow of water, due to the proposed constructions.
- d) An action plan consisting the details viz., actual number of trees to be routed, the proposed number of trees to be planted, the details of species of trees to be planted, the condition of survival of tree species and survival expected to be furnished.
- e) A detailed report on the carbon emission and carbon sequestration in commensurate with the proposed vehicular traffic and the tree plantation shall be furnished.

AGENDA ITEM NO.09: Proposed Infrastructure development works at the existing Fish Market at Rameswaram proposed by Rameswaram Municipality

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Prior Planning permission should be obtained for the proposed constructions from the local authorities concerned, keeping in view para 8 (i) III CRZ III A (iii) (I) & B (ix) of CRZ Notification 2011 also.
- b) There should not be any ground water extraction in CRZ.
- c) A detailed plan for the source segregation and disposal of solid waste (Bio-degradable / non- degradable etc.,) generated shall be formulated. Further proper arrangements should be made for the disposal of solid wastes in the project area.
- d) The liquid wastes shall be properly collected and used for composting or for bio-methanization.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO:10: Proposed relaying of pipelines and redevelopment of Edible Oil Storage transit terminal having a combined capacity of 33152 KL at TS No. 316/2/3, East Madha Church Street, Royapuram, Chennai proposed by M/s. Ruchi Infrastructure Ltd., Chennai.

The Authority resolved to recommend the proposal to the Ministry of Environment Forests and Climate Change, Government of India subject to the following specific conditions:

- a) As indicated by the Chennai Port Trust in letter dated 13.07.2017, relaying of pipeline should be proposed upto WQII without disturbing NO.
- b) The applicant should utilize tanks at the project site only as transit terminals.
- c) The operation of the facility should conform to land use classification zone as per CMDA.
- d) The applicant should have adequate storage facility outside CRZ area for the storage of edible oil handled.
- e) The unit shall ensure the integrity of pipeline proposed for the transport of edible oil from Chennai Port to the transit terminal to ensure any leak.
- f) The transit tanks should be properly maintained as per the prescribed standard norms.
- g) Appropriate facility should be created for the collection of solid and liquid waste, if any, and their safe disposal should be ensured at the storage location and as well as transit points.
- h) Training and mock drills should be given to the employees and also the public to handle emergencies / accidents duty.
- i) There should not be any extraction of ground water in CRZ.
- j) Under Corporate Social Responsibility, the unit shall explore the possibilities of allocation of more funds for preserving ecology and environment.

- k) The applicant shall obtain consent under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- l) The unit shall comply with the Environment Management Plan suggested both during construction and operational phases.

AGENDA ITEM NO.11: Construction of Ice Plant at S.No.352/3, Neendankarai B Village, Agastheeswaram Taluk, Kanyakumari district proposed by Arokya Madha Ice Plant, Nagercoil

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) There should not be any ground water extraction in CRZ
- b) The Safety measures system indicated in the Project profile which facilitates safety plant operation shall be erected without fail and shall also to be maintained properly.
- c) The unit shall ensure the adequate safety precautions are provided for handling ammonia in the proposed ice plant.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- f) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.

AGENDA ITEM NO.12: Proposed sub-division of residential property at S.No.8/4, 9/10, M.G.R. Salai, Palavakkam, Chennai proposed by Thiru R. Veerarahghavan, T. Nagar.

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) Sub-Division approval should be obtained duly from the CMDA / Corporation of Chennai

- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.13: **Proposed residential layout for housing at S.No. 4058/2, 4059/18, 4061/3, 4061/39 and 4061/33, Block No. 78, Tondiarpet Village, Chennai proposed by M/s. Idream Properties, Royapuram, Chennai.**

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Layout approval should be obtained duly from the CMDA / Corporation of Chennai
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.14: Any other subjects with the permission of the Chair.

The Chairman, TNSCZMA pointed out that the Environment Assessment with reference to the flora and fauna is found to be inadequate in most of the cases. Hence the Chairman suggested that a checklist may be prepared, indicating the existing status as well as long-term and short-term impacts, with reference to the flora and fauna, and the overall biodiversity in the impact zone, by the project proponent as indicated in the EIA Notification 2006 vide para 3 and 4 of Appendix II.

- a) The area studied for ecological assessments including wetlands, river courses and water bodies needs to be of the extent of 10km radius of the project site, with Standardized analytic methods.
- b) Nearby protected areas, globally significant areas and notified forests need to be listed and their importance need to be elaborated. Similarly historical data and published reports/ papers need to be cited for the above.
- c) The broad habitat types and elements (terrestrial, open, protected forests, agriculture areas and sacred groves) need to be listed, including manner of organization. The planned modification of the habitats as per notifications especially for tress and vegetations and the anticipated impact needs to be detailed. Measures to handle non-target organisms need to be discussed.
- d) Faunal studies should cover all major faunal groups, highlighting local, migrant, rare, threatened, endangered, endemic and Scheduled Species. Both direct and indirect methods of assessment should be used and not limited to sighting.
- e) In the event of a fishing harbor/ landing centre, the marine fish that would be normally handled needs to be listed and described.

Sd/-xxx
Thiru A.V. Venkatachalam., I.F.S.
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd/-xxx
Thiru. Md. Nasimuddin, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

AGENDA ITEM NO.02: The action taken on the decisions of 97th meeting of the Authority held on 29.11.2017

Sl. No	subject	Action taken
01	Mining of Rare minerals in mining lease area of 141.33 ha & 7.06 ha at Manavalakurichi, Lakshmipuram and Colachel villages of Kalkulam taluk in Kanniyakumari district proposed by M/s. Indian Rare Earths Limited	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. R.C No.P1 /1688 / 2013 dated 08.12.2017
02	Setting up of 400 MLD SWRO Desalination Plant at Perur along ECR, Chennai - Fresh Recommendation requested as per EAC meeting proposed by CMWSSB.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 / 2410 / 2017 dated 08.12.2017
03	Proposed construction of two training walls to provide permanent stability of bar mouth in Pulicat Lake at Pulicate Village, Ponneri Taluk, Tiruvallur district proposed by Fishing Harbour Project Division, Fisheries Department.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2045/2017 dated 08.12.2017
04	Proposed development of Fishing Harbour at Vellapallam Village, Vedaranyam Taluk, Nagapattinam district proposed by Asst. Director of Fisheries, Nagapattinam (South).	As resolved, the project proponent has been requested to send additional particulars Ir. Roc. No. P1/1694/2017 dated 08.12.2017
05	Proposed construction of Fish Landing Centre at Kundthukal, Ramanathapuram district proposed by Asst. Director of Fisheries, Rameswaram.	As resolved, the project proponent has been requested to send additional particulars Ir. Roc. No. P1/2503/2017 dated 08.12.2017
06	Proposed Four laning of Villupurm - Puducherry - Cuddalore - Nagapattinam Section of NH-45A in the State of Tamil Nadu under NHDP Phase-IV proposed by National Highway Authority of India	As resolved, the project proponent has been requested to send additional particulars Ir. Roc. No. P1/522/2017 dated 08.12.2017
07	Proposed Infrastructure development works at the existing Fish Market at Rameswaram proposed by Rameswaram Municipality	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/822/2017 dated 08.12.2017

08	Proposed relaying of pipelines and redevelopment of Edible Oil Storage transit terminal having a combined capacity of 33152 KL at TS No. 316/2/3, East Madha Church Street, Royapuram, Chennai proposed by M/s. Ruchi Infrastructure Ltd., Chennai.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. R.C No.P1 /2238/2017 dated 09.12.2017
09	Construction of Ice Plant at S.No.352/3, Neendankarai B Village, Agastheeswaram Taluk, Kanyakumari district proposed by Arokya Madha Ice Plant, Nagercoil	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2326/2017 dated 08.12.2017
10	Proposed sub-division of residential property at S.No.8/4, 9/10, M.G.R. Salai, Palavakkam, Chennai proposed by Thiru R. Veerarahghavan, T. Nagar.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2097/2017 dated 08.12.2017
11	Proposed residential layout for housing at S.No. 4058/2, 4059/18, 4061/3, 4061/39 and 4061/33, Block No. 78, Tondiarpet Village, Chennai proposed by M/s. Idream Properties, Royapuram, Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2549/2017 dated 08.12.2017

AGENDA ITEM NO.03: Proposed widening of North Chennai Thermal Power Station Road (km 0/000 to 4/800) & Ennore Port Road (km 0/000 to 2/400) in Vallur and Athipattu Villages, Ponneri Taluk, Tiruvallur district proposed by M/s. Tamil Nadu Road Development Company Ltd., (TNRDCL).

M/s. Tamil Nadu Road Development Company Ltd., (TNRDCL) has submitted the proposal under CRZ Notification 2011 for the proposed widening of North Chennai Thermal Power Station (NCTPS) Road (km 0/000 to 4/800) & Ennore Port Road (km 0/000 to 2/400) in Vallur and Athipattu Villages, Ponneri Taluk, Tiruvallur district.

2) The existing stretch of NCTPS Road from 0/000 to Km 4/800 - the starting chainage is from Vallur Junction and upto Ennore Port Road Junction which is two laned bituminous road having earthen shoulder with overall width of the road around 15m. The Ennore Road from Km 0/000 to Km 2/400 starts with the end of NCTPS / Ennore Road junction and ends upto Kamarajar Port main gate. This road is a bituminous road with two laned configuration having earthen shoulder on both sides.

3) The said stretch was improved to the present condition as per the CRZ clearance obtained from TNSCZMA vide Proc. No.P1/1497/2013 dated 14.02.2014. Further to the above, the existing NCTPS Road is facing capacity constraint and requires further augmentation in capacity.

4) Accordingly, M/s. TNRDCL has submitted the proposal for the widening of NCTPS Road (km 0/000 to 4/800) & Ennore Port Road (0/000 to 2/400). The total length of the road to be widened is 7.20 Km. The total cost of the project is Rs.42 crores.

5) In the NCTPS Road project site, already two lane road of 15m width (carriage way + earthen shoulders) is existing from Km 0/000 to 2/200 and from Km 3/200 to Km 4/100. These two portions are proposed to be widened as four lane road of 20.5m width (carriage way + Centre median + earthen shoulders). The extra 5.5m widening is proposed on one side of existing two lane road and no development is proposed on another side of existing road. In the segments from Km 2/200 to Km 3/200 and Km 4/100 to Km 4/800, four lane road is existing already and hence these segments are proposed to be retained as it is, without any development.

6) The majority of the land belongs to NCTPS which comes under Tamil Nadu Electricity Board (TNEB). Land acquisition from private party is minimum. The land acquisition for the above work is to be carried out under Tamil Nadu Highways Act, 2001 and the payment has been considered in the estimate under Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013. There are totally 84 trees and it is proposed to plant 336 trees.

7) In Ennore Port road project, already two lane road of 14m width (carriage way + earthen shoulders with kerb) is existing from Km 0/00 to Km 1/050 and from Km 1/400 to Km 2/200. These two portion are proposed to be widened as four lane road of 20.5m width (carriage way + centre median + earthen shoulders). The extra 6.5m widening is proposed. In the segments from Km 1/050 to 1/400 and from Km 2/200 to Km 2/400, four lane road is existing already and hence these segments are proposed to be retained as it is, without any development. The existing old two lane bridge over utility pipes at Km 1/300 shall be replaced. Further, there is no land acquisition involved in this stretch and widening is proposed in the available Right of Way. There are no trees along this stretch, however planting of trees on both sides of the corridor has been proposed.

8) The District Coastal Zone Management Authority for Tiruvallur district has recommended the proposal with a condition that the project proponent shall ensure that the road widening activity shall not have any impact on the existing mangroves in the said area.

9) As per CRZ Notification 2011 vide Para 8 I CRZ I (ii) (g) construction of roads without affecting the tidal flow of water is permissible activity requires clearance from TNSCZMA. Further improvement of existing roads is not a prohibited activity in CRZ-II.

10) The Authority may consider.

AGENDA ITEM NO 04: Proposed construction of Warehouse storage building project proposed by M/s. MRF Limited at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur in T.S.No.3, 5/1A, 5/2A Block No.1 Ward No.1 of Tiruvottiyur, Tiruvottiyur Taluk, Tiruvallur District.

M/s. MRF Limited, Chennai have submitted an application in respect of their proposed construction of Industrial shed at S.No. 175 (Part) of Ernavoor village, S. No. 6/1A1 (T.S. No. 3,5/1A, 5/2A) of Tiruvottiyur village, Ambattur Taluk, Tiruvallur district, for Clearance under CRZ Notification 2011. Under the proposal, the Project Proponent has proposed to construct a industrial shed, for raw material and finished products with allied facilities, which consisting of one Block of Ground Floor plus First Floor warehouse, one block of Ground Floor plus First Floor office and 9 blocks of Ground Floor Amenity buildings. The Total Plot Area is 48,206.59 Sqm and the Total Built up Area is 29515.80 Sqm. Total Project cost is Rs.116.13 Crores.

2) In this connection, the following details are furnished:

- i) The project area is falling on the landward side of the existing road at Tiruvottiyur and the project site is falling in CRZ-II.
- ii) Vide para 8 (i) II CRZ II (ii) of CRZ Notification 2011, buildings shall be permitted on the landward side of the existing and proposed roads or existing authorised structures subject to the existing local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio, which shall be as per 1991 level :
- iii) Vide para 4 (i) (d) Construction involving more than 20,000sq mts built-up area in CRZ-II shall be considered for approval in accordance with EIA notification, 2006, however, for projects less than 20,000sq mts built-up area shall be approved by the concerned State Planning authorities in accordance with this notification after obtaining recommendations from the concerned CZMA and prior recommendations of the concern CZMA shall be essential for considering the grant of environmental clearance under EIA notification, 2006 or grant of approval by the relevant planning authority.

iv) However without the consent of the TNSCZMA, the CMDA has issued Planning permission to the above project vide Permit No. 11342 dated 03.04.2017 of the Chennai Metropolitan Development Authority and from the Member Secretary, CMDA Ir. No. P3/10471/2015 dated 03.04.2017 and hence the Project Proponent informed to the DCZMA for CMDA areas, that they commenced the project constructions. However the CMDA in letter No. B3/10471/2015 dated 17.11.2017., have revoked the Planning Permission and requested the Project Proponent not to proceed with construction as the Project Proponent has not obtained Clearance under EIA Notification 2006, as indicated in the Planning Permission. However the Project Proponent has informed that vide Notification S.O. No. 3252 (E) dated 22nd December 2014, the Industrial shed (including go-downs) has been exempted for obtaining Clearance under EIA Notification 2006, and hence they commenced the construction and informed to the DCZMA for CMDA areas accordingly. The CMDA has also informed that the construction is in various stages and have not indicated any violation by the Project Proponent in respect of the construction, except non getting of the EC under EIA Notification 2006., but the same is not required as per the Notification S.O. No. 3252 (E) dated 22nd December 2014.

3) By considering the above, the DCZMA for CMDA areas resolved to recommend the above project for clearance under CRZ Notification 2011 to TNSCZMA subject to the following specific conditions:

- a) The proposed constructions should conform to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.
- b) Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- c) There should not be any ground water extraction in CRZ.
- d) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.

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- e) Green belt development shall be implemented as proposed in the proposal in consultation with Forest Department and should include list of trees, shrubs and herbs to be planted.
- f) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- g) Under CSR, the unit shall explore the possibilities of allocation of allocation of more funds for preserving ecology and environment.
- h) The unit shall comply with the EMP suggested both during construction and operational phases.
- i) The unit shall establish the facility only after obtaining CRZ Clearances and CTE of the Board.

4) As indicated above, as per para 8 (i) II CRZ II (ii) of CRZ Notification 2011, buildings shall be permitted on the landward side of the existing and proposed roads or existing authorised structures subject to the existing local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio, which shall be as per 1991 level.

5) The Authority may consider.

AGENDA ITEM NO.05: Proposed setting up of "Playground, Garden protected with a Compound Wall" proposed by M/s. Vellai Thamarai Matriculation School, Chinnakattupalayam, Reddichavadi Post, Cuddalore district.

The District Coastal Zone Management Authority (DCZMA), Cuddalore have forwarded a proposal for the proposed setting up of "Playground, Garden protected with a Compound Wall" proposed by M/s. Vellai Thamarai Matriculation School, Madalapattu Village, Chinnakattupalayam, Reddichavadi Post, Cuddalore district at their school premises at R.S.No. 203/2, Madalapattu village.

2) Under the Project the Project Proponent, proposed to construct 9193.55 Sq.mt., extent playground and garden, 294.50 mt length, 2.10 mt. height, of compound wall. The Project Proponent has proposed to construct additional building in its premises in part of the R.S. No. 203/2., and as per the proposed building plan, the existing and additional buildings does not fall in CRZ, where as the area of proposed activities viz., Play Ground, Garden and a part of Compound wall are falling in CRZ area, in CRZ-III.

3) The DCZMA for Cuddalore district, has informed that the project proponent is drawing ground water in its premises away from CRZ area and sewage generated from the school is treated in septic tank and disposed into soak pit located away from the CRZ area.

Municipal Solid Waste is disposed through the Panchayat Authorities.

4) The Total Project cost is Rs.20 lakhs in CRZ area. A part of the site is falling in CRZ-III. As per para 8 III CRZ III (A) (iii) (A) of CRZ Notification 2011, the above activities are permissible activities.

5) The Authority may consider.

AGENDA ITEM NO.06: Temporary Research laboratory for Marine antifouling research at Beach road, Karapad, Thoothukkudi proposed by the Director, Sacred Heart Marine Research Centre, Thoothukkudi

The Director, Sacred Heart Marine Research Centre, Thoothukudi have previously obtained CRZ clearance for establishing a temporary research laboratory at Beach Road, Karapad, Thoothukudi for conducting research on marine antifouling agent and the environmental clearance was issued in Proc. No. P1/624/2004 dated 09.06.2004 with a validity for three years. The Director, Sacred Heart Marine Research Centre, Thoothukudi has then requested for the extension of time to continue their research in Thoothukudi and accordingly extension of time has been granted time to time. As resolved in the 83rd meeting of the TNSCZMA held on 19.05.2015, the validity of Environment Clearance already granted to the above Research Institute was extended upto 09.06.2017.

2) While applying for further extension, the TNSCZMA in the 96th TNSCZMA meeting held on 08.09.2017 resolved as follows.

"The applicant informed that the research will be continued with the latest technology. The Authority however found that the scope of the existing activities has been changed and resolved not to extend the time limit. Further the Authority resolved to request the applicant to apply afresh for Clearance with the current facts and details of the activities for scrutiny".

3) Accordingly, the applicant has submitted afresh proposal for Antifouling Research with latest Nanotechnology **using the already existing temporary structure and facilities**, under the title "*The novel nanostructured surfaces for their potential in creating chemical free coatings for the submerged hull of ocean going vessels*"

4) The applicant has informed that they conducting practical and applied research to develop nontoxic coatings that will prevent the attachments of barnacles on submerged surfaces based on "Static Immersion Test" and informed that a continuous mode of dynamic test creates a simulated environment that challenges the coating so that poor performing coating systems can be identified. The institution has requested permission to carryout research activities for 4 years to complete the research to develop a concept of Nano engineered super-hydrophobic surfaces for potential antifouling properties.

5) The site falls in CRZ-I(B) - inter tidal zone. The structures are of temporary nature and located in the land belonging to Thoothukudi Port Trust. As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities;

6) The Authority may consider.

AGENDA ITEM NO.07: Proposed subdivision of land at R.S.No. 1633/21, Block No.52, bearing door No.5, Dr.P.V. Cherian Crescent Road, Egmore, proposed by Thiru Christopher Samuel, Egmore, Chennai.8

Thiru Christopher Samuel, Egmore has submitted an application for the sub-division of his property at R.S.No.1633/21, Block No.52 of Egmore Village, Chennai for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide his property of 1481.00 sq.m., into 2 plots of sizes viz., 627.00 sq.m., and 739.00 sq.mt., The proposal involves a formation of 4.80 mt. wide common passage with the area of 115.00 sq.mt., for approach. The site is falling on the landward side of the existing road at Egmore.

3) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division/ layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level".

5) The Authority may consider.

AGENDA ITEM NO.08: Application for Regularization of unapproved Plot due to sub-division at R.S.No.97/33, 97/106 Block No.17 of Nungambakkam village, Egmore-Nungambakkam Taluk, Chennai district for clearance

Tmt. A.H. Mazia, Nungambakkam, Chennai has submitted an application for the regularization of unapproved plot No.4 (part), Subbarao Avenue 2nd Street, Nungambakkam, Chennai at R.S. No.97/33, 97/106 Block No.17 of Nungambakkam Village, Egmore-Nungambakkam Taluk, Chennai district for clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The sisters Tmt. A.H. Mazia and Tmt. A.H. Fahima have sub-divided their property, into two, by Partition Deed and Mrs. A.H. Mazia has retained 12,981 sq.ft. at her share and requested for regularization of her sub-divided property.

3) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division/ layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level" and reconstruction shall be allowed vide para 8 II CRZ-II (iii) of CRZ Notification 2011.

5) The Authority may consider.

AGENDA ITEM NO.09: Any other subjects with the permission of the Chair.

Sd/-xxxx
Thiru A.V. Venkatachalam, I.F.S.,
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd/-xxxx
Thiru. Md. Nasimuddin, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

ADDL. AGENDA ITEM NO.01: Proposed construction of Fish Landing Centre at Kundthukal, Ramanathapuram district proposed by Asst. Director of Fisheries, Rameswaram

The District Collector, Ramanathapuram district has forwarded a proposal for the proposed construction of Fish Landing Centre at Kundthukal (Near S.No.729 Pt, 1205/1, 2 Pt adjacent to Palk Bay) at Pamban Village, Rameswaram Taluk, Ramanathapuram district proposed by Assistant Director of Fisheries, Rameswaram for Clearance under CRZ Notification 2011.

2) Under the Project, the Fisheries Department has proposed to construct a Fish Landing Centre, designed for berthing of about 250 Fishing boats with facilities of T-Jetties, L-Jetties, Diaphragm wall besides facilities viz., Fish Auction Hall, Rest rooms for Fishermen, facilities to carryout minor repairs to the boats, toilets, facility for drying fish, cold storage for storing of fish, restaurant, radio communication tower, administrative office, parking area, internal and access roads etc. The fish landing capacity is projected to be about 9750 TPA.

3) The Fish Landing Centre is aimed at decongesting the fishing jetty on the Palk Bay side and persuade a section of fishermen to take to deep sea fishing in India Ocean and avoid getting arrested by the Srilankan Navy in the Palk Bay. Under the proposal, the applicant has proposed to reclaim of shore for a length of about 250 mtr. for the formation of passage. Quay is proposed to be placed at -3.0 m depth. The Fish Landing Quay is 132m, Outfitting Quay is 50m, Repair Quay is 50m and Idle-berthing Quay is 705m.

4) The total project cost is Rs.60 crore and the proposed area of the project site in land area is 4.45 Hec. The DCZMA of Ramanathapuram district has recommended the proposal for Clearance. The project site is falling in CRZ-I and IV as per the HTL demarcation of Institute of Remote Sensing, Anna University.

5) The proposal has been placed before the 97th TNSCZMA meeting held on 29.11.2017 and the Authority have requested the following details from the Fisheries Department.

- a) As the project area is falling in Gulf of Mannar Bio-sphere, Robust ecological assessment should be done. The assessment should be on habitat approach such as the bird population, sacred groves etc., covering at-least 10 kms radius from the project site.
- b) Fish waste should not be thrown in sea and a detailed proper management of fish waste should be furnished.
- c) A detailed report on the powers and functions of Management Committees and Co-Management Committees, indicated during the meeting, for the aesthetic maintenance of the Fish Landing Center shall be furnished.

6) Accordingly, the Fisheries Department have furnished a report on Ecological Assessment, Fish Waste Management Plan and Fish Landing Centre Management Committee as requested by the TNSCZMA and the same is enclosed herewith.

7) As per CRZ Notification 2011, vide para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities. Further facilities required for traditional inhabitants living in the Biosphere reserve are permissible activities as per para 8 I CRZ I (ii) (b) of CRZ Notification, 2011.

The Authority may consider.

ADDL. AGENDA ITEM NO.02: Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam

The District Coastal Zone Management Authority for Nagapattinam District has recommended a proposal, proposed by the Superintending Engineer, TANGEDCO, Nagapattinam for the proposed Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk and district, in 4 packages (packages 4 to 7) for Clearance under CRZ Notification 2011.

2) The project involves conversion work of 22KV OH line system to UG cable system. The package 4 for Nagapattinam town proposes to convert about 6.253 km of HT line and about 27.364 km of LT line into underground electrical cable. The package 5 for Nagore and Thonithurai proposes to convert about 28.58 km of HT line and about 59.98 km of LT line into underground electrical cable. The package 6 for Velippalayam Town proposes to convert about 26.30 km of HT line and about 94.67 km of LT line into underground electrical cable. The package 7 for Velankanni proposes to convert about 37.098 km of HT line and about 38.805 km of HT line into underground electrical cable.

3) The Proposal was placed before the 96th meeting of the TamilNadu State Coastal Zone Management Authority, held on 08.09.2017 and as resolved the proposal has been recommended to the MoEF&CC., GoI for Clearance under CRZ Notification 2011 subject to certain conditions. Among other things, the following condition was imposed by the TNSCZMA, vide para - 2(vii) of letter dated 09.10.2017 of Principal Secretary to Government, Environment and Forests Department, GoTN.

"the Project Proponent shall ensure that the height of the LT feeder Pillar / service is kept at least 6 (Six) feet above ground level so as to avoid the possibility of damage as well as to ensure safety due to flooding in case of heavy rain".

.2.

4) The above proposal was scrutinized by the Expert Appraisal Committee (EAC), MoEF&CC., GoI in the meeting held on 20.12.2017 and the Committee observed that the "two overhead poles are still proposed to be kept on both sides of the river along with the route of the cable laying alignment, defeating the objective of the proposal, which is reducing vulnerability of natural calamity such as cyclone. The Committee further observed that the Project Proponent could not impress upon the Committee about the utility or essentially of retaining two overhead poles and advised to revise its proposals accordingly with supplementary Marine EIA report. **The Committee also noted that if it so desires to lay cable alongside the bridge crossing the river, the necessity of the same should not arise.**

5) By citing the above details, the TANGEDCO have narrated, in their letter dated 18.01.2018, about the several field difficulties, which will occur during the erection of the pillar boxes at 6ft.,height above ground level, as specified by the TNSCZMA. (Copy of letter enclosed). Further the TANGDCO informed that during the meeting, the EAC emphasized that the TANGEDCO may be confirmed that the laying of cables alongside of the existing bridges in the river crossing locations/canal crossing, will be carried out, with due clearance of State PWD authorities and furnish the field reports through the TNSCZMA. The TANGEDCO accordingly, furnished NOC given by the Divisional Engineer, High ways, Nagapattinam and Executive Engineer, PWD, Thiruvarur, on 05.,01.2018, for laying of UG cable across the bridges maintained by Highways and PWD in Nagapattinam District with conditions.

6) Due to above reasons, the TANGEDCO have requested:

(i) exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank while executing the project.

ii) to confirm the proposal for laying the cables alongside the bridges in the river crossing locations based on the Clearances obtained from PWD and Highways Authorities.

7) The Authority may consider.

**MINUTES OF THE 98th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY HELD ON 25.01.2018**

AGENDA ITEM NO.01: Confirmation of the minutes of the 97th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 29.11.2017.

The minutes of the 97th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 29.11.2017 communicated in Letter No.P1/1044/2015 dated 08.12.2017 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 97th meeting of the Authority held on 29.11.2017.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 97th meeting of the Tamil Nadu State Coastal Zone Management authority held on 29.11.2017.

AGENDA ITEM NO.03: Proposed widening of North Chennai Thermal Power Station Road (km 0/000 to 4/800) & Ennore Port Road (km 0/000 to 2/400) in Vallur and Athipattu Villages, Ponneri Taluk, Tiruvallur district proposed by M/s. Tamil Nadu Road Development Company Ltd., (TNRDCL).

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) The activities should not affect the tidal inflow of water in the Buckingham canal.
- b) There shall be no extraction of ground water.
- c) No liquid or solid waste shall be generated and disposed off in CRZ.
- d) Noise control measures should be undertaken along the potentially vulnerable stretches.
- e) It should be ensured that the implementation of Rehabilitation and Resettlement activities shall be completed before the commencement of project activities.
- f) the Project Proponent shall ensure that the road widening activity does not have any impact on the existing mangroves, Littoral and other fragile eco-systems, in the said area.

.2.

- g) Tree Planting shall be undertaken as indicated by the Project Proponent in the EIA report.
- h) The Project Proponent shall furnish the details of existing and proposed road alignment and related activities to CMDA.
- i) All activities should be in conformity with the provisions of the CRZ Notification 2011.

AGENDA ITEM NO 04: Proposed construction of Warehouse storage building project proposed by M/s. MRF Limited at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur in T.S.No.3, 5/1A, 5/2A Block No.1 Ward No.1 of Tiruvottiyur, Tiruvottiyur Taluk, Tiruvallur District.

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) The proposed constructions should conform to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.
- b) Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- c) There should not be any ground water extraction in CRZ.
- d) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.
- e) Green belt development shall be implemented as proposed in the proposal in consultation with Forest Department and should include list of trees, shrubs and herbs to be planted.
- f) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- g) Under CSR, the unit shall explore the possibilities of allocation of more funds for preserving ecology and environment.

.3.

- h) The unit shall comply with the EMP suggested both during construction and operational phases.
- i) The unit shall establish the facility only after obtaining CTE of the Board.
- j) 25% of the area should be under Green belt, other than OSR.

AGENDA ITEM NO.05: Proposed setting up of "Playground, Garden protected with a Compound Wall" proposed by M/s. Vellai Thamarai Matriculation School, Chinnakattupalayam, Reddichavadi Post, Cuddalore district.

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Prior Planning permission should be obtained for the proposed constructions, from the Department of Town and Country Planning / Local Authorities concerned.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.06: Temporary Research laboratory for Marine antifouling research at Beach road, Karapad, Thoothukkudi proposed by the Director, Sacred Heart Marine Research Centre, Thoothukkudi.

The Authority resolved to form a Sub-Committee consisting of Senior Technical Officers, one each, from the Fisheries Department and National Institute of Ocean Technology (NIOT) to conduct an onsite inspection to assess the permissibility and actual need for the further extension of time for 3 years to complete the Research activities of the Project Proponent. The proposal shall be considered based on the Sub-Committee report.

AGENDA ITEM NO.07: Proposed subdivision of land at R.S.No. 1633/21, Block No.52, bearing door No.5, Dr.P.V. Cherian Crescent Road, Egmore, proposed by Thiru Christopher Samuel, Egmore, Chennai.8

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Approval for the Sub-Division should be obtained duly from the CMDA / Corporation of Chennai
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.08: Application for Regularization of unapproved Plot due to sub-division at R.S.No.97/33, 97/106 Block No.17 of Nungambakkam village, Egmore-Nungambakkam Taluk, Chennai district for clearance

The Authority resolved to regularize the unapproved plot, due to sub-division, subject to the following specific conditions:

- a) Approval for the Sub-Division should be obtained duly from the CMDA / Corporation of Chennai concerned.
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.

.5.

- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.09: Any other subjects with the permission of the Chair.

ADDL. AGENDA ITEM NO.01: Proposed construction of Fish Landing Centre at Kundthukal, Ramanathapuram district proposed by Asst. Director of Fisheries, Rameswaram

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Only those structures mentioned in the proposal and which are absolutely essential for the re-construction of the above Fish Landing Centre shall be constructed.
- b) Shoreline evolution should be monitored periodically through reputed institutions. Remedial measures need to be planned to prevent erosion, if any, on the adjacent coastal areas.
- c) It should be ensured that there is no adverse impact on coastal eco-system and on the marine organisms. The impact on the corals, marine organisms, Turtle nesting etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of experts, in which, ecologists should be included.
- d) A proper plan for segregation at source shall be implemented duly segregating solid waste (Bio-degradable / non- degradable etc.,) generated. Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose the biodegradable waste. Further other solid waste such as plastics may be collected and disposed for re-use.
- e) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- f) No drawal of ground water in CRZ areas is permitted.

- g) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.
- h) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- i) Fish waste should not be thrown into the sea and adjoining shore area and further management of fish waste should implemented, as proposed in the Management Plan.
- j) Management Committees and Co-Management Committees, indicated during the meeting, shall be involved in the process of aesthetic maintenance of the Fish Landing Center.

ADDL. AGENDA ITEM NO.02: Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam

The Authority resolved to recommend to the Ministry of Environment, Forests and Climate Change, for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank while executing the project, as proposed by the TANGEDCO and in addition to the other conditions imposed by the TNSCZMA in the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017.

Further, the Authority confirm the proposal for laying the cables alongside the bridges in the river crossing locations considering the Clearances obtained from PWD and Highways Authorities.

Sd./- xxxx
Thiru A.V. Venkatachalam., I.F.S.
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd./- xxxx
Thiru. Md. Nasimuddin, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

DEPARTMENT OF ENVIRONMENT

From
Thiru A.V. Venkatachalam, I.F.S.,
Director, Dept., of Environment,
Ground Floor, Panagal Buildings,
Saidapet, Chennai - 600 0015

To
The Principal Secretary to Government,
Environment and Forests Department,
Secretariat, Chennai 600 009

R.C No.P1/433/2017 dated 12.02.2018

Sir,

Sub: Sub: CRZ - Application for CRZ clearance - Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam - Clearance requested under CRZ Notification 2011- proposal forwarded for consideration - Regarding

- Ref: 1) Minutes of the 96th meeting of the TNSCZMA held on 08.09.2017.
2) Government letter No. 17946/EC.3/2017-1 dated 09.10.2017
3) Letter from the Principal Secretary / Chairman & Managing Director, TANGEDCO in letter No.CE/PLG&RC/SE/RE&I(D)/EE/CDRRP/AE/F.CRZ Clearance/D.13/2018 dated 18.01.2018
4) Minutes of the 98th meeting of the TNSCZMA held on 25.01.2018

The District Coastal Zone Management Authority for Nagapattinam District has recommended a proposal, proposed by the Superintending Engineer, TANGEDCO, Nagapattinam for the proposed Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk and district, in 4 packages (packages 4 to 7) for Clearance under CRZ Notification 2011.

2) The project involves conversion work of 22KV OH line system to UG cable system. The package 4 for Nagapattinam town proposes to convert about 6.253 km of HT line and about 27.364 km of LT line into underground electrical cable. The package 5 for Nagore and Thonithurai proposes to convert about 28.58 km of HT line and about 59.98 km of LT line into underground electrical cable. The package 6 for Velippalayam Town proposes to convert about 26.30 km of HT line and about 94.67 km of LT line into underground electrical cable. The package 7 for Velankanni proposes to convert about 37.098 km of HT line and about 38.805 km of HT line into underground electrical cable.

.2.

3) The Proposal was placed before the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017 and as resolved the proposal has been recommended to the MoEF&CC., GoI for Clearance under CRZ Notification 2011 subject to certain conditions. Among other things, the following condition was imposed by the TNSCZMA, vide para-2(vii) of letter dated 09.10.2017 of Principal Secretary to Government, Environment and Forests Department, GoTN.

"the Project Proponent shall ensure that the height of the LT feeder Pillar / service is kept at least 6 (Six) feet above ground level so as to avoid the possibility of damage as well as to ensure safety due to flooding in case of heavy rain".

4) The above proposal was scrutinized by the Expert Appraisal Committee (EAC), MoEF&CC, GoI in the meeting held on 20.12.2017 and the Committee observed that the "two overhead poles are still proposed to be kept on both sides of the river along with the route of the cable laying alignment, defeating the objective of the proposal, which is reducing vulnerability of natural calamity such as cyclone. The Committee further observed that the Project Proponent could not impress upon the Committee about the utility or essentially of retaining two overhead poles and advised to revise its proposals accordingly with supplementary Marine EIA report. **The Committee also noted that if it so desires to lay cable alongside the bridge crossing the river, the necessity of the same should not arise.**

5) By citing the above details, the TANGEDCO have narrated, in their letter dated 18.01.2018, about the several field difficulties, which will occur during the erection of the pillar boxes at 6ft., height above ground level, as specified by the TNSCZMA. Further the TANGEDCO informed that during the meeting, the EAC emphasized that the TANGEDCO may be confirmed that the laying of cables alongside of the existing bridges in the river crossing locations/canal crossing, will be carried out, with due clearance of State PWD authorities and furnish the field reports through the TNSCZMA. The TANGEDCO accordingly, furnished NOC given by the Divisional Engineer, High ways, Nagapattinam and Executive Engineer, PWD, Thiruvavur, on 05.01.2018, for laying of UG cable across the bridges maintained by Highways and PWD in Nagapattinam District with conditions.

6) Due to above reasons, the TANGEDCO have requested:

(i) exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank, while executing the project.

ii) to confirm the proposal for laying the cables alongside the bridges in the river crossing locations based on the Clearances obtained from PWD and Highways Authorities.

7) The subject was placed before the 98th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.01.2018 and the Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India, for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank, while executing the project, as proposed by the TANGEDCO and in addition to the other conditions imposed by the TNSCZMA in the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017.

8) Further, the Authority confirm the proposal for laying the cables alongside the bridges in the river crossing locations considering the Clearances obtained from PWD and Highways Authorities.

9) Accordingly, I enclose herewith a copy of proposal received vide letter 3rd cited and minutes of the 98th meeting of TNSCZMA held on 25.01.2018. I request to recommend the proposals to the Ministry of Environment, Forests and Climate Change, Government of India.

10) I also request to instruct the applicant to furnish 20 soft copies of the proposals to Ministry of Environment, Forests & Climate Change, Government of India.

Yours faithfully,
Sd./- A.V. Venkatachalam,
Member Secretary,
Tamil Nadu State Coastal Zone Management Authority
& Director of Environment

Encl: 1. Copy of proposal along with its enclosure.

2. Extract of the minutes of the 98th meeting of the SCZMA held on 25.01.2018

/ True copy /

S. Pandey
07/03/2018
For Director of Environment

*2-
7/3/18*

Extract of the minutes of the 98th Tamil Nadu State Coastal Zone Management
Authority meeting held on 25.01.2018

ADDL. AGENDA ITEM NO.02: Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam

The Authority resolved to recommend to the Ministry of Environment, Forests and Climate Change, for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank while executing the project, as proposed by the TANGEDCO and in addition to the other conditions imposed by the TNSCZMA in the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017.

Further, the Authority confirm the proposal for laying the cables alongside the bridges in the river crossing locations considering the Clearances obtained from PWD and Highways Authorities.

Sd./- xxxx
Thiru A.V. Venkatachalam., I.F.S.
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd./- xxxx
Thiru. Md. Nasimuddin, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

/ True copy /

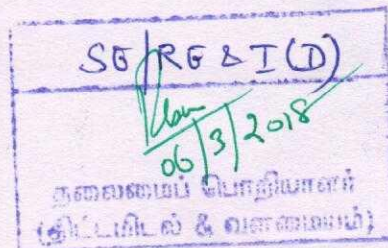
S. Padman
7/3/18
For Director of Environment

Dr. S. S. S.
7/3/18

DD



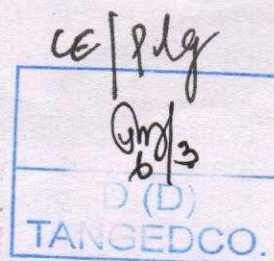
Environment & Forests (EC-3)
Department, Secretariat,
Chennai - 600 009



Letter No. 2917/EC.3/2018 - 1, dated: 26.02.2018

From
Thiru Md. Nasimuddin, I.A.S.,
Principal Secretary to Government.

To
The Chairman,
National Coastal Zone Management Authority,
Government of India,
Ministry of Environment, Forests & Climate Change,
Agni Wing, 5th Floor,
Indira Paryavaran Bhawan,
Jor Bag Road, Aliganj,
New Delhi - 110 003. (w.e.)



EE/CDRRP
2
6/3/18

Sir,

Sub: CRZ - Application for Coastal Regulation Zone clearance - Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam - Clearance requested under Coastal Regulation Zone Notification 2011- proposal forwarded for consideration - Regarding.



- Ref:
1. Government letter No. 17946/EC.3/2017-1, dated 9.10.2017 addressed to the Chairman, National Coastal Zone Management Authority, Government of India, New Delhi.
 2. From the Member Secretary, TNSCZMA/ Director of Environment letter No R.C/P1/433/2017, dated 12.02.2018

I am to enclose a copy of the proposal received from the Member Secretary, Tamil Nadu State Coastal Zone Management Authority/Director of Environment together with its enclosures in the reference 2nd cited and to state that the Member Secretary, Tamil Nadu State Coastal Zone Management Authority/ Director of Environment has sent the proposal for the exemption

from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height for the proposed Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk and district, and he has furnished the following details:-

- a) The District Coastal Zone Management Authority for Nagapattinam District has recommended a proposal, proposed by the Superintending Engineer, Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO), Nagapattinam for the proposed Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk and district, in 4 packages (packages 4 to 7) for Clearance under Coastal Regulation Zone Notification 2011.
- b) The project involves conversion work of 22KV OH line system to UG cable system. The package 4 for Nagapattinam town proposes to convert about 6.253 km of HT line and about 27.364 km of LT line into underground electrical cable. The package 5 for Nagore and Thonithurai proposes to convert about 28.58 km of HT line and about 59.98 km of LT line into underground electrical cable. The package 6 for Velippalayam Town proposes to convert about 26.30 km of HT line and about 94.67 km of LT line into underground electrical cable. The package 7 for Velankanni proposes to convert about 37.098 km of HT line and about 38.805 km of HT line into underground electrical cable.
- c) The Proposal was placed before the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017 and as resolved the proposal has been recommended to the Ministry of Environment, Forests and Climate Change, Government of India, for Clearance under Coastal Regulation Zone Notification 2011, subject to certain conditions. Among other things, the following condition was imposed by the Tamil Nadu State Coastal Zone Management Authority, vide para-2(vii) of letter dated 09.10.2017 of Principal Secretary to Government, Environment and Forests Department, Government of Tamil Nadu.
- d) "the Project Proponent shall ensure that the height of the LT feeder Pillar / service is kept at least 6 (Six) feet above ground level so as to avoid the possibility of damage as well as to ensure safety due to flooding in case of heavy rain".

- e) The above proposal was scrutinized by the Expert Appraisal Committee (EAC), Ministry of Environment, Forests and Climate Change, Government of India, in the meeting held on 20.12.2017 and the Committee observed that the "two overhead poles are still proposed to be kept on both sides of the river along with the route of the cable laying alignment, defeating the objective of the proposal, which is reducing vulnerability of natural calamity such as cyclone. The Committee further observed that the Project Proponent could not impress upon the Committee about the utility or essentially of retaining two overhead poles and advised to revise its proposals accordingly with supplementary Marine Environmental Impact Assessment report. The Committee also noted that if it so desires to lay cable alongside the bridge crossing the river, the necessity of the same should not arise.
- f) By citing the above details, the Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) have narrated, in their letter dated 18.01.2018, about the several field difficulties, which will occur during the erection of the pillar boxes at 6ft., height above ground level, as specified by the Tamil Nadu State Coastal Zone Management Authority. Further the Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) informed that during the meeting, the EAC emphasized that the Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) may be confirmed that the laying of cables alongside of the existing bridges in the river crossing locations/canal crossing, will be carried out, with due clearance of State Public Works Department authorities and furnish the field reports through the Tamil Nadu State Coastal Zone Management Authority. The Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) accordingly, furnished No Objection Certificate given by the Divisional Engineer, Highways, Nagapattinam and Executive Engineer, Public Works Department, Thiruvarur, on 05.01.2018, for laying of UG cable across the bridges maintained by Highways and Public Works Department in Nagapattinam District with conditions.
- g) Due to above reasons, the Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) have requested:
- (i) exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank, while executing the project.

- ii) to confirm the proposal for laying the cables alongside the bridges in the river crossing locations based on the Clearances obtained from PWD and Highways Authorities.
- h) The subject was placed before the 98th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.01.2018 and the Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India, for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank, while executing the project, as proposed by the Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) and in addition to the other conditions imposed by the Tamil Nadu State Coastal Zone Management Authority in the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017. Further, the Authority confirm the proposal for laying the cables alongside the bridges in the river crossing locations considering the Clearances obtained from Public Works Department and Highways Authorities.

2. The Member Secretary, Tamil Nadu State Coastal Zone Management Authority/Director of Environment has therefore requested the Government to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India, for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank, while executing the project, as proposed by the Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) and in addition to the other conditions imposed by the Tamil Nadu State Coastal Zone Management Authority in the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017 and also the Authority confirm the proposal for laying the cables alongside the bridges in the river crossing locations considering the Clearances obtained from PWD and Highways Authorities.

3. In line with the recommendation of the Tamil Nadu State Coastal Zone Management Authority, this Government recommend the proposal of Member Secretary, Tamil Nadu State Coastal Zone Management Authority/Director of Environment, Chennai proposal for the exemption from keeping pillar boxes at a height of 6 feet above ground level and to give concurrence to provide LT feeder/ service pillar at 4ft height as also approved by the World Bank, while executing the project, as proposed by the Tamil Nadu Generation

and Distribution Corporation Ltd (TANGEDCO) and in addition to the other conditions imposed by the Tamil Nadu State Coastal Zone Management Authority in the 96th meeting of the Tamil Nadu State Coastal Zone Management Authority, held on 08.09.2017 and also the Authority confirm the proposal for laying the cables alongside the bridges in the river crossing locations considering the Clearances obtained from Public Works Department and Highways Authorities to the Chairman, National Coastal Zone Management Authority, Government of India, Ministry of Environment, Forests and Climate Change, New Delhi, for clearance under Coastal Regulation Zone Notification, 2011.

Yours faithfully,

H. Jith
27/2/18

for Principal Secretary to Government.

[Signature]
27.2.18

Copy to:-

The Member Secretary,
Tamil Nadu State Coastal Zone Management Authority /
Director of Environment, Chennai - 15.

✓ The Principal Secretary/Chairman and Managing Director,
Tamil Nadu Generation and Distribution Corporation Ltd., (TANGEDCO),
144, Anna salai, Chennai - 2.

(with a request to furnish 20 copies of
the proposal of Government of India,
Ministry of Environment, Forests and Climate Change,
New Delhi)

SF/SC.