

State Expert Appraisal Committee (SEAC)

Minutes of 398th meeting of the State Expert Appraisal Committee (SEAC) held on 04.08.2023 (Friday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building and Construction Projects.

Confirmation of Earlier Minutes

The minutes of the 397th SEAC meeting held on 03.08.2023 were circulated to the Members in advance and as there are no remarks, the Committee decided to confirm the minute.

Agenda No: 398 - 01

(File No: 3154/2023)

Expansion of additional facilities in addition to the existing building by M/s. Cancer Institute (WIA) at T.S.No. 1/2 of Block no 12, T.S. No. 1/2, 2/2, 3/2, of block No.13, T.S.No. 4/1 and T.S.No. 1/2 of Block No.15 Guindy Park Village, Mambalam - Guindy Taluk, Chennai District, Tamil Nadu by M/s. Cancer Institute (WIA) - For Environmental Clearance Non-Compliance.

The proposal was placed in this 398th Meeting of SEAC held on 04.08.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Cancer Institute (WIA) has applied for Environmental Clearance for the Expansion of additional facilities in addition to that existing building at T.S.No. 1/2 of Block no 12, T.S. No. 1/2, 2/2, 3/2, of block No.13, T.S.No. 4/1 and T.S.No. 1/2 of Block No.15 Guindy Park Village, Mambalam - Guindy Taluk, Chennai District, Tamil Nadu.
2. The proposed activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.
3. Earlier Environmental Clearance was accorded vide Lr. No. SEIAA-TN/F-3154/EC/8(a)/363/2014, dated: 23.12.2014.
4. MoEF&CC Letter vide F.No. EP/12.1/2016-17/SEIAA/32/TN/94 Dated: 16.01.2023.
5. Subsequently, the above letter was placed in 590th SEIAA meeting held on


MEMBER SECRETARY
SEAC -TN

1


CHAIRMAN
SEAC- TN

09.02.2023. Authority decided to request Member Secretary, SEIAA-TN shall write letter addressed to the proponent seeking clarification regarding the reasons for non-compliance of earlier EC issued conditions vide Lr. No. SEIAA-TN/F-3154/EC8(a)/363/2014, dated: 23.12.2014 within 15 days from the date of receipt of the letter and EC shall be revoked if the proponent fails to submit the clarification within the stipulated time.

6. SEIAA - SHOW CAUSE NOTICE vide Letter. No. SEIAA-TN/F.No.3154/2023 dated: 01.03.2023 was issued.
7. Subsequently, the proponent submitted a reply letter Dated: 28.03.2023 received by O/o SEIAA on 12.04.2023.
8. Subsequently, the above reply letter was placed in 622nd SEIAA meeting held on 26.05.2023. The Authority after detailed deliberation, decided to forward the subject to SEAC and SEAC shall examine the letter received from MoEF&CC and shall furnish its remarks regarding the non – compliance of earlier issued EC conditions to SEIAA.

Based on the above, the proposal was placed in 398th SEAC meeting held on 04.08.2023. During the meeting the Committee noted that neither the project proponent nor the consultant attended the meeting. Hence the subject was not taken up for appraisal and Committee decided that the project proponent shall furnish the reason for his absence.

Agenda No: 398-02

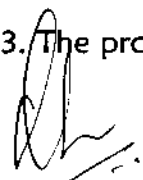
(File No: 9020/2023)

Existing High rise building for residential purposes in S. No. 17/1B1B, 17/1B2B, 17/2B1, 17/2B2, 17/2B3, 23/1, 23/2, 23/3, 26/5A, 26/8, 27, 28/2, 28/3, 29/1, 30/1, 30/2A, 30/2B1, 30/2B2, 30/2B3, 31/1B, 31/2A1A, 31/2A1B, 31/2A2, 31/2B2, 31/3A, 31/3B, 31/4B, 33/2B, 33/3B, 33/4, 34/1A, 34/1B, 34/2A, 34/2B, 34/3, 34/4A, 34/4B, 34/5A, 34/5B, 34/6A1, 34/6A2, 34/6B, 34/7A, 34/7B, 34/8A, 34/8B, 35/1B, 35/2B of Kovilambakkam Village, Tambaram Taluk , Chengalpet district, Tamil Nadu by M/s Emerald Haven Towers Limited- For amendment in Environmental Clearance (SIA/TN/MIS/301616/2023, Dated: 27.06.2023)

The proposal was placed in this 398th SEAC Meeting held on 04.08.2023. The project


MEMBER SECRETARY
SEAC -TN

2



CHAIRMAN
SEAC- TN


proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). The project proponent gave detailed presentation. The SEAC noted the following:

1. M/s. Emerald Haven Towers Limited had obtained Environmental Clearance vide EC Lr. No. SEIAA-TN/F.No. 9020/EC/8(a)/861/2022 dated: 22.08.2022 for construction of High rise building for residential purposes in 4 Blocks Consists of combined basement floor + stilt floor + 18 Floors and the total no. of dwelling units is with 820 Nos with total built-up area of 122961.65 Sq.m. with plot area – 26565 Sq.m.
2. Environmental Clearance issued vide Letter No. SEIAA-TN/F.No. 9020/EC/8(a)/861/2022 dated: 22.08.2022.
3. Proponent vide letter dated: 13.06.2023 requested to accept the following submission;

S.No.	Details	Submission
SEAC Condition		
1.	The proponent shall obtain minimum of 4-star rating in Green Rating for Integrated Habitat Assessment (GRIHA Rating).	We have already obtained IGBC Pre-Certification with Silver Rating under IGBC Green Homes Rating System V3.0 for proposed project site.
2.	The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before CTO.	The proposed project is a residential development, we have obtained structural stability certificate from PWD and is enclosed as annexure.

4. Based on the representation given by the proponent, the subject was placed before SEIAA in 631st meeting held on 19.06.2023. The Authority after detailed deliberation noted that the proponent has requested to modify certain conditions issued by SEAC in the earlier issued Environmental clearance. In the view of the above, SEIAA decided to forward the representation to SEAC to


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

examine the proponent's request and shall furnish its remarks to SEIAA to take further course of action.

5. As per Environmental Clearance, the grey water generation of 380 KLD will be treated in Grey Water Treatment Plant of 390 KLD and the sewage generation of 205 KLD will be treated in Sewage Treatment Plant (STP) of 215 KLD capacity based on SBR Technology.
6. Subsequently, the PP had applied for amendment for STP 605 KLD of SBR Technology was submitted vide SIA/TN/MIS/301616/2023 dated: 27.06.2023.

S. No.	Description	As per EC	Amendment in EC	Remarks
1.	Quantity of Sewage generation	Sewage generation – 205 KLD Grey water generation – 380 KLD	Sewage generation – 585 KLD	There is no change in sewage generation
2.	Details of wastewater Treatment Plants	Sewage Treatment Plant – 215 KLD (SBR) Grey Water Treatment Plant - 390 kLD (SBR)	Sewage Treatment Plant – 605 KLD (SBR)	Single treatment system is proposed instead of Double treatment system for smooth and normal maintenance during operation period.


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

3.	Mode of Disposal of treated wastewater with quantity	Treated Greywater & Sewage (556 KLD) Treated Grey water for Flushing – 205 KLD Treated Grey water for Gardening – 14 KLD OSR Gardening – 9 LKD Avenue Plantation – 328 KLD	Treated Waste Water – 556 KLD Treated water for Flushing – 205 KLD Treated water for Gardening – 14 KLD OSR Gardening – 9 LKD Avenue Plantation – 328 KLD	There is no change in Disposal of treated wastewater
----	--	---	--	--

7. Instead of Two treatment system (Grey- 390 KLD & Sewage - 215 KLD) the PP has opted for one treatment system i.e sewage treatment system - 605 KLD. As a result, there is no increase in pollution load.

Based on the Representation submitted by the proponent and amendment requested, the proposal was placed in 398th SEAC meeting held on 04.08.2023. Based on the presentation & documents furnished by the PP, SEAC decided to recommend for the grant of the following amendment in the Environmental Clearance, issued subject to following specific conditions.

Description	AS PER EC	Amendment recommended
Quantity of Sewage KLD	Grey Water Treatment Plant – 390 KLD	STP capacity – 605 KLD


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

	Sewage Treatment Plant – 215 KLD	
Energy Conservation Measures	The proponent shall obtain minimum of 4-star rating in Green Rating for Integrated Habitat Assessment (GRIHA Rating).	The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
Statutory Compliance	The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before CTO.	The earlier issued condition remains unchanged. The proponent shall adhere to the condition as stated therein.

1. The PP shall operate & maintain the STP in the capacity of 605 KLD of SBR Technology for the period of 10 years.
2. The remaining conditions as stipulated vide EC Letter No. SEIAA-TN/F.No. 9020/EC/8(a)/861/2022 dated: 22.08.2022 are unaltered.

Agenda No: 398 - 03

(File No: 7627/2023)

Existing Construction of Mixed-Use Development (Residential & Commercial) at T.S.No.2, Block No.4 of Arumbakkam Village, Aminjikkarai Taluk (Earlier Egmore – Nungambakkam Taluk), Chennai District, Tamil Nadu by M/s. Tamil Nadu Housing Board – Environmental Clearance issued - Compliance of Hon'ble National Green Tribunal (SZ) order – Appeal No. 10 of 2021 (SZ).

The proposal was placed in this 398th Meeting of SEAC held on 04.08.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Tamil Nadu Housing Board had been accorded Environmental Clearance for the Construction of Mixed-Use Development (Residential & Commercial) at T.S.No.2, Block No.4 of Arumbakkam Village, Aminjikkarai Taluk (Earlier Egmore – Nungambakkam Taluk), Chennai District, Tamil Nadu.


MEMBER SECRETARY
SEAC -TN

6


CHAIRMAN
SEAC- TN

2. The proposed activity was covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier Environmental Clearance was accorded vide Lr. No. SEIAA-TN/F-7627/EC/8(a)/739/2020 dated: 23.01.2021.
4. TNHB Letter No. AND/Sur/092/1975 Dated: 03.10.2022 requested to impose further conditions, if any based on the Hon'ble National Green Tribunal order.
5. TNHB Letter No. AND/PLG/869/2018 Dated: 29.05.2023 regarding the same as above.

Based on the above, the proposal was placed in 398th SEAC meeting held on 04.08.2023. During the meeting the Committee noted that neither the project proponent nor the consultant attended the meeting. Hence the subject was not taken up for appraisal and committee decided that the project proponent should furnish the reason for his absence.

Agenda No: 398 - 04

(File No: 10182/2023)

Proposed Construction of High-Rise Residential building by M/s. Casa Grande Civil Engineering Private Limited at T. S. No. 156/4 of Perambur Village, Perambur Taluk, Chennai District Tamil Nadu - For Environmental Clearance.

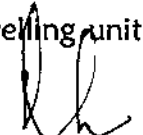
(SIA/TN/INFRA2/434015/2023, Dated: 20.06.2023)

The proposal was placed for appraisal in this 398th meeting of SEAC held on 04.08.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Casa Grande Civil Engineering Private Limited has applied for Environmental Clearance for the Proposed Construction of High-Rise Residential building at T. S. No. 156/4 of Perambur Village, Perambur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 8 (a) "Building and Construction Projects" of the schedule to the EIA Notification, 2006.
3. The proposed project consists of Extended Double Basement Floor (Parking) + Ground Floor + 1st Floor + 2nd Floor to 32nd Floor with 453 dwelling units with


MEMBER SECRETARY
SEAC -TN

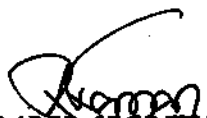

CHAIRMAN
SEAC- TN

total built up area of the proposed residential development is 79,547.45 Sq.m & total land area of 17,358 Sq.m.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Proposed Construction of High-Rise Residential building at T. S. No. 156/4 of Perambur Village, Perambur Taluk, Chennai District, Tamil Nadu by the PP M/s. Casa Grande Civil Engineering Private Limited.
2. M/s Ecotech Labs Private Limited is the EIA Consultant for the project.
3. Total land area of the project is 17,358 Sq.m and built-up area is 79,547.45 Sq.m respectively.
4. Maximum number of floors will be Extended Double Basement Floor (Parking) + Ground Floor + 1st Floor + 2nd Floor to 32nd Floor with 453 dwelling units. maximum height of the building will be 99.6 m.
5. Total Saleable DU's (dwelling units) is 453 Numbers.
6. The project proposal falls under Category-8(a) of EIA Notification, 2006 (as amended).
7. Salient features of the project as submitted by the project proponent:

Name and Address of the PP		Name of the Consultant
M/s. Casa Grande Civil Engineering Private Limited NPL Devi, 5th floor, New No. 111, Old No: 59 LB Road, Thiruvanmiyur, Chennai 600041		M/s Ecotech Labs Private Limited
A. Site Location		
1.	Location	T. S. No. 156/4 of Perambur Village, Perambur Taluk, Chennai District, Tamil Nadu
2.	Latitude & Longitude	13° 6'13.55"N, 80°15'32.34"E
3.	Survey Nos	T. S. No. 156/4


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

4.	Area in Hectares	1.7358
5.	Ownership Details	Patta Land, GPOA registered
6.	Any Legal Disputes	-
7.	Waterbodies/Rivers/Canals	Otteri Nala – 0.01 km, N Stephenson Lake – 0.48 km, W Buckingham Canal – 1.42 km, E Water Tank – 2.74 km, SE Cooum River – 3.02 km, SE Eswaran Koil Lake – 3.67 km, SW Chetpet Lake – 3.84 km, SW Talo Lake – 3.96 km, NW Lotus Pond – 4.17 km, NW
8.	Vulnerability to Inundation	PWD NOC available.
9.	Protected Areas Nearby (Wildlife Protection Act)	--
10.	Previous EC/History in SEIAA	--

B. PROJECT SUMMARY

Sl. No.	Description	Total Quantity	Unit
B1. GENERAL			
1	Plot Area	17358	SQMT
2	Proposed Built Up Area	79547.45	SQMT
3	Total no of Saleable DU's/Villas	453	No.
4	Max Height - (Height of tallest block)	99.6	M

5	No of Building Blocks (Residential + Community facilities)	1	
6	Max No of Floors	32	No.
7	Expected Population (XXX Residential + XXXX Floating)	2765 (2491 Residential + 274 Visitors and maintenance)	No.
8	Total Cost of Project	220.95	CR
B2. AREAS			
1	Permissible Ground Coverage Area (xx%)	50 %	SQMT
2	Proposed Ground Coverage Area (xx%)	2309.58 (15 %)	SQMT
3	Permissible FSI Area (xxx)	85497.75	SQMT
4	Proposed FSI Area	57984.68	SQMT


MEMBER SECRETARY
SEAC -TN

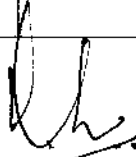

CHAIRMAN
SEAC- TN

5	Other Non FSI Areas - including basement area etc.	21562.77	SQMT
6	Proposed Total Built Up Area	79547.45	SQMT

B3. WATER

1	Total Water Requirement	362	KLD
2	Fresh water requirement	228	KLD
3	Treated Water Requirement	134	KLD
4	Wastewater Generation	320	KLD
5	Proposed Capacity of STP	370	KLD
6	Treated Water Available for Reuse	304	KLD
7	Treated Water Recycled	134	KLD
8	Surplus treated water to be discharged in Municipal Sewer with	170	KLD


MEMBER SECRETARY
SEAC -TN

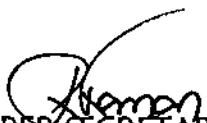

CHAIRMAN
SEAC- TN


	Prior permission, if any		
B4. RAINWATER HARVESTING			
1	Rainwater Harvesting - Recharge Pits	48	No.
2	Rainwater Harvesting Sump Capacity	50	M ³
B5. PARKING			
1	Total Parking Required as / Building Bye Laws	502	ECS
2	Proposed Total Parking	529	ECS
3	Parking in Basements	499	ECS
B6. GREEN AREA			
1	Proposed Green Area (Minimum 15.0% of plot area)	3004.89 (20%)	SQMT
2	Total area	17538	SQMT
3	Existing trees on plot	0	nos


 MEMBER SECRETARY
 SEAC -TN


 CHAIRMAN
 SEAC- TN

4	Number of trees to be planted	300	nos
5	Number of trees to be transplanted/cut	0	
B7. SOLID WASTE MANAGEMENT			
1	Total Solid Waste Generation	1.550	TPD
2	Organic waste	0.620	TPD
3	Mode of Treatment & Disposal	Will be treated in Organic Waste Converter and used as manure for gardening.	TPD
4	Quantity of Sludge Generated from STP & Disposal	15	KG/DAY
5	Quantity of E-Waste Generation & Disposal	0	KG/DAY
6	Quantity of Hazardous waste Generation & Disposal	0	LPD
B8. POWER / GREEN POWER			



 MEMBER SECRETARY
 SEAC -TN


 CHAIRMAN
 SEAC- TN

1	Total Power Requirement	4252 KVA	KW
2	DG set backup	1 No. of 320 KVA, 1 No. of 380 KVA & 1 No. of 250 KVA	KVA
3	No of DG Sets	3	No.
4	Solar Panels – Roof Coverage	50	%
5	Hot Water Requirement	6.3	KLD
	Of which met by Solar Panels		

C. POPULATION

<i>Residential</i>	<i>DU'S</i>	<i>POP/DU</i>	<i>TOTAL POPULATION</i>
<i>Total Saleable Du's</i>	<i>453</i>		<i>2491</i>
<i>Total</i>			
<i>Non-Residential</i>			
<i>CLUB house (Employees etc.)</i>			
<i>Club</i>			
<i>Commercial</i>			
<i>Facility Management Staff</i>			
<i>Total</i>			
<i>Visitors</i>			


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

<i>Residential</i>	<i>10% of total population</i>	<i>xx% of Residential Population</i>	<i>249</i>
<i>Club/Community Hall</i>	-	<i>xx% of Residential Population</i>	
<i>(Maintenance Staff)</i>	-		<i>25</i>
<i>Total Visitors</i>	-		
<i>Total Population</i>	-		<i>2765</i>

EMP & CER

EMP Cost	Construction phase: Capital cost - Rs. 10.2 Lakhs O & M Cost (per annum) – Rs. 3.4 Lakhs Operation Phase: Capital Cost– Rs. 156.95 Lakhs. Recurring Cost– Rs. 33.88 Lakhs.		
CER Cost	Rs. 250 Lakhs.		
	S. No	CER Activity	Capital cost Allocation (in Lakhs)
	i	1 Dialysis unit to Urban Community Health Centre (UCHCs 24 X 7), Greater Chennai Corporation(Zone-6, Division-073) – 100 lakhs	Within 6 months from the commencement of construction
	ii	Library for blind in club house with canteen – 150 Lakhs	
	Total Cost Allocation		250


 MEMBER SECRETARY
 SEAC -TN


 CHAIRMAN
 SEAC- TN

RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. PP shall submit the commitment letter from the local body for supply of fresh water to SEIAA before issue of EC.
3. The PP shall frame Environmental policy and Environmental management team and the same shall submitted to SEIAA before issue of EC.
4. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
5. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
6. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
7. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
8. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.

9. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
10. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
11. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEFLko/Director of Environment and other concerning authority regularly.
12. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
13. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
14. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

Agenda No: 398 - 05


(File No: 9976/2023)

Proposed Expansion of Existing Hotel and lodging house complex by M/s. SAS Hotels & Enterprises Ltd at S.F.Nos. 358/1A, 2, 3A, 3B, 4, 5A, 5B, 6A, 6B, 7A, 7C, 8A1, 8A2, 8B, 9A1, 11A1, 11A2, 11A3, 11B, 11C, 11D, 11E, 15, 16, 18, 359/1B2, 2C3(part), 2D1, 2D3, 3(part), 5(part), 7(part), 359/8 of Ayanpappakudi Village, Madurai South Taluk, Madurai District, Tamil Nadu - For Environmental Clearance. (SIA/TN/INFRA2/424873/2023, Dated: 06.04.2023)

The proposal was placed in 398th SEAC meeting held on 04.08.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. SAS Hotels & Enterprises Ltd has applied for Environmental Clearance for the Proposed Expansion of Hotel and lodging house


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

complex at S.F.Nos. 358/1A, 2, 3A, 3B, 4, 5A, 5B, 6A, 6B, 7A, 7C, 8A1, 8A2, 8B, 9A1, 11A1, 11A2, 11A3, 11B, 11C, 11D, 11E, 15, 16, 18, 359/1B2, 2C3(part), 2D1, 2D3, 3(part), 5(part), 7(part), 359/8 of Ayanpappakudi Village, Madurai South Taluk, Madurai District, Tamil Nadu.


2. The project/activity is covered under Category "B2" of Item 8(a) "Building & Construction Projects" of the Schedule to the EIA Notification, 2006.
3. Total plot area is 23,239.03 Sq.m & the built – up area is 49,273.36 Sq.m.
4. Earlier, the proposal was placed in the 385th SEAC meeting held on 22.06.2023. The proponent was absent for the meeting. Hence, the subject was not taken up for appraisal.

Now, the proposal is placed in the 398th SEAC meeting held on 04.08.2023. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Proposed Expansion of Hotel and lodging house complex at S.F.Nos. 358/1A, 2, 3A, 3B, 4, 5A, 5B, 6A, 6B, 7A, 7C, 8A1, 8A2, 8B, 9A1, 11A1, 11A2, 11A3, 11B, 11C, 11D, 11E, 15, 16, 18, 359/1B2, 2C3(part), 2D1, 2D3, 3(part), 5(part), 7(part), 359/8 of Ayanpappakudi Village, Madurai South Taluk, Madurai District, Tamil Nadu by the PP M/s. SAS Hotels & Enterprises Ltd.
2. M/s Ecotech Labs Private Limited is the EIA Consultant for the project.
3. Total plot area of the project is 23,239.03 Sq.m and built-up area is 49,273.36 Sq.m respectively.
4. The project comprises of Block -1 (Basement Floor + Ground floor+ 8 floors) and Block -2 (Basement Floor + Ground floor+ 02 Floors). maximum height of the building will be 35.8 m.
5. Total Saleable DU's (dwelling units) is NIL.
6. The project proposal falls under Category-8(a) of EIA Notification, 2006 (as amended).
7. Salient features of the project as submitted by the project proponent:

Name and Address of the PP M/s. SAS Hotels and Enterprises Ltd.,	Name of the Consultant M/s. Eco Tech Labs Pvt. Ltd
---	---

No.3, Mangesh Street, T.Nagar, Chennai-600017		
A. Site Location Details		
1.	Location	Ayanpappakudi Village, Madurai South Taluk, Madurai District, Tamil Nadu
2.	Latitude & Longitude	9°51'11.62"N, 78° 5'55.49"E
3.	Survey Nos	358/1A, 2, 3A, 3B, 4, 5A, 5B, 6A, 6B, 7A, 7C, 8A1, 8A2, 8B, 9A1, 11A1, 11A2, 11A3, 11B, 11C, 11D, 11E, 15, 16, 18, 359/1B2, 2C3(part), 2D1, 2D3, 3(part), 5(part), 7(part), 359/8
4.	Area in Hectares	2.32
5.	Ownership Details	M/s. SAS Hotels and Enterprises Ltd.,
6.	Any legal Disputes	Nil
7.	Waterbodies/Rivers/Canals	<ul style="list-style-type: none"> ➤ Avaniapuram Lake (2.8 Km, North) ➤ Thenkarai pond (4.65 Km, NW) ➤ Nallathangal Pond (3.52 Km, NNE) ➤
8.	Vulnerability to Inundation	Nil
9.	Protected area nearby (Wildlife Protection Act)	Nil
10.	Previous EC/History in SEIAA	Yes


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

	Letter	No.
	SEIAA/TN/F.No.6492/EC/8(a)/588/20	
	18 dated 17.07.2018.	

PROJECT SUMMARY

Sl. No.	Description	Total Quantity	Unit
---------	-------------	----------------	------

GENERAL

1	Plot Area	23239.03	SQMT
2	Proposed Built Up Area	49273.36	SQMT
3	Total no of Saleable DU's/Villas	Nil	No.
4	Max Height - (Height of tallest block)	35.80	M
5	No of Building Blocks (Residential + Community facilities)	2	
6	Max No of Floors	Block1: G+8, Block 2: G+2	No.
7	Expected Population (540 Residential+387 Floating)	5580	No.
8	Total Cost of Project	68.53	CR
9	Project Activity:	Hotel and lodging complex	

AREAS

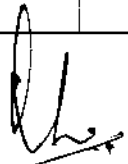
10	Permissible Ground Coverage Area	9947	SQMT
11	Proposed Ground Coverage Area	9505	SQMT
12	Permissible FAR Area (xxx)	2	SQMT
13	Proposed FAR Area	1.646	SQMT
14	Other Non-FAR Areas - including basement area etc.	-	SQMT


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

15	Proposed Total Built Up Area	49273.36	SQMT
WATER			
16	Total Water Requirement	509	KLD
17	Fresh water requirement	213	KLD
18	Treated Water Requirement	296	KLD
19	Wastewater Generation	312	KLD
20	Proposed Capacity of STP	320	KLD
21	Treated Water Available for Reuse	296	KLD
22	Treated Water Recycled	132	KLD
23	Surplus treated water to be discharged in Municipal Sewer with Prior permission	Nil	KLD
RAINWATER HARVESTING			
24	Rainwater Harvesting - Recharge Pits	27	No.
PARKING			
25	Total Parking Required as / Building Bye Laws	-	ECS
26	Proposed Total Parking	470	ECS
27	Parking in Basements	392	ECS
GREEN AREA			
28	Proposed Green Area (Minimum 15.0% of plot area)	3575.73	SQMT
	Total area	23239.03	
	Existing trees on plot	-	
	Number of trees to be planted	290	
	Number of trees to be transplanted/cut	-	


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

SOLID WASTE MANAGEMENT			
29	Total Solid Waste Generation	3036.04	TPD
30	Organic waste	1214.32	TPD
31	Quantity of E-Waste Generation- Kg/Day	-	KG/DAY
32	Quantity of Hazardous waste Generation	0.3	T/Per Annum
33	Quantity of Sludge Generated from STP	19	KG/DAY
POWER / GREEN POWER			
34	Total Power Requirement	1855	KW
35	DG set backup	2 No.1250	KVA
36	No of DG Sets	2	No.
37	Solar Panels – Roof Coverage	50	%
38	Hot Water Requirement	14 kld	
	Of which met by Solar Panels		

1. Population details:

POPULATION			
Hotel and Lodging	DU'S	POP/DU	TOTAL POPULATION
Persons			4859
Staffs			22
EMP & CER			
EMP Cost	Construction phase Capital cost – Rs. 13.25 Lakhs O & M Cost (Per Annum) – Rs. 4.5 Lakhs Operational Phase		


 MEMBER SECRETARY
 SEAC -TN


 CHAIRMAN
 SEAC- TN


	Capital cost - Rs. 46.44 Lakhs Recurring cost - Rs. 21.94 Lakhs	
CER Cost	Rs. 75 Lakhs.	
	S. No	Capital cost Allocation (in Lakhs)
	CER Activity Improvement of school infrastructure, hygienic toilet facility and maintenance upto 5 years, Environmental based books & Social Awareness books for library, R.O Drinking water facility, Solar lighting, Smart class (Projector with computer facility), furnitures, development of sports kit facilities, Painting of School Campus, Greenbelt development in and around the campus for the schools mentioned below: 1. Government higher secondary school,Harveypatti 2. Government higher secondary school, Avaniyapuram 3. Government Middle school, Chinnaudaippu 4. Kamar higher secondary school, Subramaniyapuram 5. Panchayat Union Primary school, A.Pudur 6. Panchayet Union middle School. C. Pudurchithalangudi Postvadipatti Tk	
Total Cost Allocation		75

Total soil excavated quantity=47525 or meter cube for block A

Total soil excavated quantity=53228 or meter cube for block B

RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Platinum rating.
2. PP shall submit the commitment letter from the local body for supply of fresh water to SEIAA before issue of EC.
3. The PP shall frame Environmental policy and Environmental management team and the same shall submitted to SEIAA before issue of EC.
4. The proponent shall obtain Airports Authority of India Clearance submitted online vide NOCID – MADU/SOUTH/B/062923/766730 before issue of EC.
5. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
6. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
7. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
8. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
9. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
10. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.

11. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
12. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
13. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
14. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
15. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

Agenda No: 398-06


(File No.10117/2023)


Proposed Expansion and construction of data centre building by M/s. Evita Constructions Private Limited at S.F.Nos. : 2/1, 2/2, 2/3, 3/1, 7, 8/1, 8/2B, 14/5A1, 14/5A2, 14/5B, 14/6, 16/1, 16/2, 17/1, 17/2, 17/3A1, 17/3A2, 17/3B, 17/4, 17/5A, 17/5B, 17/6, 17/7A, 17/7B, 17/8A, 17/8B, 17/9, 17/10, 17/11, 17/12, 17/13A, 17/13B, 20/1, 20/2, 20/3B, 20/4B, 21/1A, 21/1B, 21/2, 22, 23/1, 23/2, 23/3, 23/4B, 23/5C, 23/6A, 23/6B, 24/1B, 25/4C, 26/1C, 48/1C3, 48/1D2, 48/1E2, 48/1F, 48/2 of Senthamangalam Village, Chengalpet Taluk, Chengalpet District, Tamil Nadu by M/s. Evita Constructions Private Limited – For Environmental Clearance. (SIA/TN/INFRA21/431821/2023 dated 02.06.2023)

The proposal was placed in the 398th meeting of SEAC held on 04.08.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Evita Constructions Private Limited has submitted an application seeking Environmental Clearance for the Proposed Expansion and


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

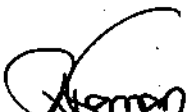
construction of data centre building by M/s. Evita Constructions Private Limited at S.F.Nos. : 2/1, 2/2, 2/3, 3/1, 7, 8/1, 8/2B, 14/5A1, 14/5A2, 14/5B, 14/6, 16/1, 16/2, 17/1, 17/2, 17/3A1, 17/3A2, 17/3B, 17/4, 17/5A, 17/5B, 17/6, 17/7A, 17/7B, 17/8A, 17/8B, 17/9, 17/10, 17/11, 17/12, 17/13A, 17/13B, 20/1, 20/2, 20/3B, 20/4B, 21/1A, 21/1B, 21/2, 22, 23/1, 23/2, 23/3, 23/4B, 23/5C, 23/6A, 23/6B, 24/1B, 25/4C, 26/1C, 48/1C3, 48/1D2, 48/1E2, 48/1F, 48/2 of Senthamangalam Village, Chengalpet Taluk, Chengalpet District, Tamil Nadu.

2. The project activity is covered under category 'B2' of Schedule 8(a) 'Building & Constructions' Projects to the EIA Notification, 2006.
3. M/s. Eco Tech Labs Pvt. Ltd is the EIA Consultant for the project.
4. Earlier, EC was issued to the project proponent vide Lr.No. SEIAA/TN/F.No.8507/EC/8(a)/779/2021 dated 13.08.2021, for a land area of 75312 sq.m and built-up area of 1,33,976 sq.m.
5. However, the proponent states that he has not started any construction activity with respect to the earlier EC issued.
6. Further, there is increase in land area and change in building plan with respect to earlier EC. Hence the proponent has submitted an application for expansion.
7. A comparative statement is given as follows:

S.No.	Particulars	As in Existing EC	Expansion/ Modification	Remarks
1.	Total Land Area	75312 sq.m	79485 Sq.m	4173 sq.m increased
2.	Village Name and Survey number	S.Nos. 2/1, 2/2, 2/3(Pt), 3/1(Pt), 3/2(Pt), 7(Pt), 8/1(Pt), 8/2B(Pt), 14/4A2B(Pt), 14/4B2(Pt), 14/5A1(Pt), 14/5A2,14/6(Pt),14/7(Pt), 15/2A(Pt),15/5B(Pt), 16/1, 16/2, 17/1, 17/2, 17/3A1,	S.No. 2/1, 2/2, 2/3, 3/1, 7, 8/1, 8/2B, 14/5A1, 14/5A2, 14/5B, 14/6, 16/1, 16/2, 17/1, 17/2, 17/3A1, 17/3A2, 17/3B, 17/4,	Survey number removed from Existing EC Survey number: 3/2 14/4A2B(Pt), 14/4B2(Pt), 14/7(Pt),

		17/3A2,17/3B,17/4,17/5A (Pt),17/5B,17/6(Pt),17/7A 17/7B,17/8A,17/8B, 17/9, 17/10,17/11,17/12, 17/13A, 17/13B,20/1,20/2,20/3B, 20/4B,21/1A,21/1B,21/2, 22,23/1,23/2,23/3,23/4B 23/5C,23/6A,23/6B, 24/1B,25/4C,26/1C, 48/1C3,48/1D2,48/1E2, 48/1F,48/2,49/1B3 of Senthamangal Village	17/5A, 17/5B, 17/6, 17/7A, 17/7B, 17/8A, 17/8B, 17/9, 17/10, 17/11, 17/12, 17/13A, 17/13B, 20/1, 20/2, 20/3B, 20/4B, 21/1A, 21/1B, 21/2, 22, 23/1, 23/2, 23/3, 23/4B, 23/5C, 23/6A, 23/6B, 24/1B, 25/4C, 26/1C, 48/1C3, 48/1D2, 48/1E2, 48/1F, 48/2 of Senthamangala m Village	15/5B(PT), 15/2A(PT) 49/1B3 Survey number included in Proposed EC Included 14/5B
3	Total Built-Up Area	133976 sq.m	36360 sq.m	Decremental of 97616 sq.m
4	Description of Buildings	Combined basement for Block 1, 2, 3, 4 and Admin Block Block 1, 2, 3, 4: Basement + Ground + 7Floors Admin Block: Basement + Ground + 4 Floors	Block 1 (G+2), Substation (G+1), security room	Only a part of the buildings in existing approval is proposed to Develop

		DG Building (Block 1, 2, 3, 4): Ground + 4 Floors Substation :Ground + 1 Floor		
5	Total Water Requirement	95 KLD	81 KLD	Decremental of 14 KLD
6	Fresh Water Requirement	78 KLD	3 KLD	Decremental of 75 KLD
7	Flushing water Requirement	8 KLD	2 KLD	Decremental of 6 KLD
8	OSR and Green belt Maintenance	76 KLD	76 KLD	No change
9	Sewage Generation	18 KLD	4.7 KLD	Decremental of 13.3 KLD
10	Total Solid Waste	90 kg/day	30.317 kg/day	Decremental of 59.68 kg/day
11	Biodegradable Waste	36 kg/day	12 kg/day	Decremental of 24 kg/day
12	Non-Biodegradable Waste	54 kg/day	18 kg/day	Decremental of 36 kg/day
13	STP Sludge	5 kg/day	2 kg/day	Decremental of 3 kg/day
14	Total Project Cost	Rs. 400.13 Crores	Rs.212.47 Crores	Decremental of Rs.187.53 Crores


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

15	STP	25 KLD	10 KLD	Decremental of 15 KLD
16	D.G.set	11 KV- 30 numbers	4numbers: 500KVA 1 Number: 250KVA	Decremental of 269967 KVA
17	Green Belt Development Area	13608 sq.m	13608.46	No change

8. The other salient features of the proposal are:

PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	79485	SQMT
2	Proposed Built Up Area	36360	SQMT
3	Total no of Saleable DU's/Villas	-	No.
4	Max Height - (Height of tallest block)	-	M
5	No of Building Blocks (Residential + Community facilities)	1	
6	Max No of Floors	G+2	No.
7	Expected Population (XXX Residential + XXXX Floating)	144	No.
8	Total Cost of Project	212.47	CR
9	Project Activity :	Construction of Data Centre building	
AREAS			
10	Permissible Ground Coverage Area (xx%)	-	SQMT


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

11	Proposed Ground Coverage Area (xx%)	13568.09	SQMT
12	Permissible FSI Area (xxx)	-	SQMT
13	Proposed FSI Area	36360.86	SQMT
14	Other Non FSI Areas - including basement area etc.	43.2	SQMT
15	Proposed Total Built Up Area	36360	SQMT
WATER			
16	Total Water Requirement	81	KLD
17	Fresh water requirement	3	KLD
18	Treated Water Requirement	78 (Excess treated water required will be purchased from nearby residential projects)	KLD
19	Wastewater Generation	4.7	KLD
20	Proposed Capacity of STP	10	KLD
21	Treated Water Available for Reuse	4	KLD
22	Treated Water Recycled	4	KLD
23	Surplus treated water to be discharged in Municipal Sewer with Prior permission, if any	-	KLD
RAINWATER HARVESTING			
24	Rainwater Harvesting - Recharge Pits	32	No.
25	Rainwater Harvesting Sump Capacity	50	M ³
PARKING			

25	Total Parking Required as / Building Bye Laws	-	ECS
26	Proposed Total Parking: i) No. of car parks ii) No. of two wheeler parks	171 21 150	ECS
27	Parking in Basements	-	ECS
GREEN AREA			
28	Proposed Green Area (Minimum 15.0% of plot area)	13608.46	SQMT
	Total area	79485	
	Existing trees on plot	-	
	Number of trees to be planted	993	
	Number of trees to be transplanted/cut	-	
SOLID WASTE MANAGEMENT			
29	Total Solid Waste Generation i) Biodegradable waste ii) Non – biodegradable iii) STP Sludge	30.317 12 18 0.317	KG/DAY
30	Mode of Treatment & Disposal i) Biodegradable waste ii) Non – biodegradable	Will be treated in Organic Waste Converter and used as manure for gardening. Sent to authorized recyclers or local bodies for recycling	KG/DAY

	iii) STP Sludge	Will be used as manure for greenbelt development	
31	Quantity of E-Waste Generation & Disposal	-	KG/DAY
32	Quantity of Hazardous waste Generation & Disposal	-	LPD
POWER / GREEN POWER			
33	Total Power Requirement	33	KVA
34	DG set backup	4 Nos of 500KVA and 1 No of 250 KVA	KVA
35	No of DG Sets	4 Nos of 500KVA and 1 No of 250 KVA	No.
36	Solar Panels – Roof Coverage	6784	50%
37	Hot Water Requirement	-	-
	Of which met by Solar Panels	-	-

POPULATION			
Total Visitors			40
Total Population			144
CER Cost			50 lakhs
EMP COST & CER			
EMP Cost:	Construction Phase: Rs. 4.5 Lakhs Operation Phase:		


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

	i) Capital Cost: Rs.85.5 Lakhs	
	ii) Recurring Cost: Rs.31.44 Lakhs	
CER Cost	Rs. 2 Crores	
	S. No.	CER Activity
	1	Improvement of school infrastructure, sanitation facility, library, Drinking water treatment plant, solar lighting & smart class (LED Projector with computer)
	2	Contribution in coordination with Tamilnadu forest Department towards maintenance of plantation in Siruvanjur RF.
	3	Contribution towards maintenance of Senthamangalam lake like bund strengthening, weir maintenance, and sluice maintenance.
Total Cost Allocation 200 Lakhs		Action Plan
		Completed within 1 year from the commencement of construction

RECOMMENDATIONS OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. The PP shall conduct various tests for the impact on the neighboring buildings due to the vibration and shall submit the report before obtaining CTO from TNPCB.
4. PP shall strive to ensure that DG sets which are proposed to be set up are run on green energy sources instead of Diesel.
5. The height of the stacks of DG sets shall be provided as per the CPCB norms.
6. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
7. The project proponent shall provide entry and exit points for the OSR area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
8. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
9. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
10. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
11. The project proponent should develop green belt as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
12. Project proponent should invest the CSR/CER amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

13. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF&CC/Director of Environment and other concerning authority regularly.
14. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
15. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

Agenda No: 398-07

(File No.10201/2023)

Proposed Construction of Residential High-Rise Group development in S.F.Nos 89/1A1, 93/1A, 93/1B1, 93/1B2, 93/1C1B, 94/2 & 95/11 of Karanai Village, Vandalur Taluk, Chengalpet District, Tamilnadu by M/s. Casagrاند Builder Private Limited – For Environmental Clearance, (SIA/TN/INFRA2/435659/2023 dated 05.07.2023)

The proposal was placed in the 398th meeting of SEAC held on 04.08.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Casagrاند Builder Private Limited has submitted an application seeking Environmental Clearance for Proposed Construction of Residential High-Rise Group development in S.F.Nos 89/1A1, 93/1A, 93/1B1, 93/1B2, 93/1C1B, 94/2 & 95/11 of Karanai Village, Vandalur Taluk, Chengalpet District, Tamilnadu by M/s. Casagrاند Builder Private Limited.
2. The project activity is covered under category 'B2' of Schedule 8(a) 'Building & Constructions' Projects to the EIA Notification, 2006.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Construction Project at S.F.Nos 89/1A1, 93/1A, 93/1B1, 93/1B2, 93/1C1B, 94/2 & 95/11 of Karanai Village, Vandalur Taluk, Chengalpet District, Tamilnadu by M/s. Casagrاند Builder Private Limited.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

2. M/s Ecotech Labs Private Limited is the EIA Consultant for the project.
3. Total plot area of the project is 12,140.58 m² and built-up area is 52,066.07 m² respectively.
4. Maximum number of floors will be 13 floors (Two Blocks (Block1 & Block 2) with Combined Basement Floor + Ground Floor + 1st Floor/ part podium (Swimming Pool) + 2nd Floor to 13th Floor in each block) and maximum height of the building will be 44.55 m.
5. Total Saleable DU's (dwelling units) is 126 nos.
6. Salient features of the project as submitted by the project proponent:


PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	12,140.58	SQMT
2	Proposed Built Up Area	52,066.07	SQMT
3	Total no of Saleable DU's/Villas	126	No.
4	Max Height - (Height of tallest block)	44.55	M
5	No of Building Blocks (Residential + Community facilities)	2 blocks	
6	Max No of Floors	13	No.
7	Expected Population	882 residential+88 visitors+ 9 maintenance staffs	No.
8	Total Cost of Project	75.122	CR
9	Project Activity :	Construction of Residential High Rise Group development	
AREAS			

10	Permissible Ground Coverage Area (xx%)	NA	SQMT
11	Proposed Ground Coverage Area (xx%)	3905.09	SQMT
12	Permissible FSI Area (xxx)	39456.88	SQMT
13	Proposed FSI Area	39745.4 (Premium FSI)	SQMT
14	Other Non FSI Areas - including basement area etc.	12320.67	SQMT
15	Proposed Total Built Up Area	52066.07	SQMT
WATER			
16	Total Water Requirement	135	KLD
17	Fresh water requirement	80	KLD
18	Treated Water Requirement	52	KLD
19	Wastewater Generation	113	KLD
20	Proposed Capacity of STP	130 (SBR Technology)	KLD
21	Treated Water Available for Reuse	107	KLD
22	Treated Water Recycled	52	KLD
23	Surplus treated water to be discharged in Municipal Sewer with Prior permission, if any	55	KLD
RAINWATER HARVESTING			
24	Rainwater Harvesting - Recharge Pits	36	No.
25	Rainwater Harvesting Sump Capacity	75	M ³


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

PARKING			
25	Total Parking Required as / Building Bye Laws	285	ECS
26	Proposed Total Car Parking Visitor Parking	301 26	ECS
27	Parking in Basements	291	ECS
GREEN AREA			
28	Proposed Green Area (Minimum 15.0% of plot area)	2063.89 (17%)	SQMT
	Total area	12140.58	sqm
	Existing trees on plot	-	-
	Number of trees to be planted	170	nos
	Number of trees to be transplanted/cut	-	-
SOLID WASTE MANAGEMENT			
29	Total Solid Waste Generation i) Biodegradable ii) Non-Biodegradable	184 277	Kg/Day
30	Mode of Treatment & Disposal i) Biodegradable ii) Non-Biodegradable	Will be treated in Organic Waste Converter and used as manure for gardening. Sent to authorized recyclers or local bodies for recycling	TPD


 MEMBER SECRETARY
 SEAC -TN


 CHAIRMAN
 SEAC- TN

31	Quantity of Sludge Generated from STP & Disposal	15 kg/day Will be used as manure for green belt development	KG/DAY
32	Quantity of E-Waste Generation & Disposal	-	KG/DAY
33	Quantity of Hazardous waste Generation & Disposal	-	LPD
POWER / GREEN POWER			
34	Total Power Requirement	1757.48	KVA
35	DG set backup	2 Nos of 250 kVA	KVA
36	No of DG Sets	2	No.
37	Solar Panels – Roof Coverage	50%	%
38	Hot Water Requirement	2.5 KLD	KLD
	Of which met by Solar Panels	-	-
POPULATION			
Residential	DU'S	POP/DU	TOTAL POPULATION
Total Saleable Du's	126	4BHK-7 nos/Dwelling unit	882
Facility Management Staff	-	-	9
No. of visitors Visitors	-	-	88
Total Population	-	-	979


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

EMP COST & CER COST				
EMP Cost	<p>Construction phase: Capital Cost: Rs.24.35 lakhs O&M Cost: Rs.6.68 Lakhs/Annum</p> <p>Operational Phase: Capital cost- Rs.169.49 lakhs Recurring cost- Rs.27 lakhs</p>			
CER Cost	75 lakhs			
Details of CER Activities	S. No.	CER Activity	Capital cost Allocation (in Lakhs)	Action Plan
	Provision of Infrastructure & sanitation facilities such as Hygienic Toilets facilities, Classroom flooring, Furniture's, Environmental awareness books for students in library, Greenbelt development including maintenance of toilets for up to construction phase			
	1	Government higher Secondary School, Semencheri	20	Within 6th month after starting the construction
	2	Panchayat Union Middle School, Ottiyambakkam	20	Within 12th month after starting the construction
	3	Government High School, Perumbakkam	35	Within 12th month after starting the construction
Total Cost Allocation		75		


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

RECOMMENDATIONS OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
3. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

8. Project proponent should invest the CSR/CER amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF&CC/Director of Environment and other concerning authority regularly.
10. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
11. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

Agenda No. 398 - 08

File No. 10014/2023

Proposed construction of office building at Block No. 7, T.S No. 2/1, 2/2, 2/3 of Adyar Village, Guindy Taluk, Chennai District, Tamil Nadu by M/s. Baashyaam Infrastructure Private Limited – For Environmental Clearance. (SIA/TN/INFRA2/434428/2023 Dt: 23.06.2023

The proposal was placed in this 398th SEAC meeting held on 04.08.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in). The project proponent gave a detailed presentation.

The SEAC noted the following:

1. The Proponent, M/s. Baashyaam Infrastructure Private Limited has applied for Environmental Clearance for the proposed construction of office building at Block No. 7, T.S No. 2/1, 2/2, 2/3 of Adyar Village, Guindy Taluk, Chennai District, Tamilnadu.
2. The project/activity is covered under Category “B” of Item 8(b) “Township & Area Development Projects” of the Schedule to the EIA Notification, 2006, as amended.
3. TOR issued by SEIAA-TN vide Lr No.SEIAA-TN/F.No. 10014/SEAC/8(b)/ToR-


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

1462/2023 dated: 05.06.2023

4. EIA Report submitted on 30.06.2023

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Construction Project at Block No. 7, T.S.No. 2/1, 2/2, 2/3 of Adyar Village, Guindy Taluk, Chennai District by the PP M/s Baashyaam Infrastructure Private Limited.
2. M/s. Eco Tech Labs Pvt Ltd is the EIA Consultant for the project.
3. Total plot area of the project is 22822 Sqm and built-up area is 177762.34 Sqm respectively.
4. Maximum number of floors will be comprised of Combined Extended Triple Basement floor & Stilt floor part (Mechanical Parking)/ Ground floor part (Shops & Creche) + 1st floor (Partly Shop/Partly parking) + 2nd floor (Parking) + 3rd floor to 13th floor part and maximum height of the building will be 61.17m.
5. Total Saleable DU's (dwelling units) is Nil (Commercial Building).
6. The project proposal falls under Category-8(b) of EIA Notification, 2006 (as amended).
7. Salient features of the project as submitted by the project proponent:

PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	22822	SQMT
2	Proposed Built Up Area	177762.34	SQMT
3	Total no of Saleable DU's/Villas	Nil	No.
4	Max Height - (Height of tallest block)	61.17	M
5	No of Building Blocks (Residential + Community facilities)	Commercial	


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

6	Max No of Floors	13	No.
7	Expected Population (XXX Residential + XXXX Floating)	13319 + 2165	No.
8	Total Cost of Project	700	CR
9	EMP	Capital cost – 292 Lakhs Recurring cost – 35.23 Lakhs	
10	CER	Rs 175 lakhs will be spent for Schools, Govt Hospitals and Adyar river	
AREAS			
11	Permissible Ground Coverage Area (xx%)	11411	SQMT
12	Proposed Ground Coverage Area (xx%)	9951.92	SQMT
13	Permissible FSI Area (xxx)	111257.25	SQMT
14	Proposed FSI Area	110487.34	SQMT
15	Other Non FSI Areas - including basement area etc.	67275	SQMT
16	Proposed Total Built Up Area	177762.34	SQMT
WATER			
17	Total Water Requirement	991	KLD
18	Fresh water requirement	388	KLD
19	Treated Water Requirement	603	KLD
20	Wastewater Generation	635	KLD
21	Proposed Capacity of STP	660	KLD

22	Treated Water Available for Reuse	603	KLD
23	Treated Water Recycled	603	KLD
24	Surplus treated water to be discharged in Municipal Sewer with Prior permission, if any	0	KLD
RAINWATER HARVESTING			
25	Rainwater Harvesting - Recharge Pits	10	No.
26	Rainwater Harvesting Sump Capacity	300	M ³
PARKING			
27	Total Parking Required as / Building Bye Laws	936	ECS
28	Proposed Total Parking	1628	ECS
29	Parking in Basements	1514	ECS
GREEN AREA			
30	Proposed Green Area (Minimum 15.0% of plot area)	3423	SQMT
	Total area	3625	
	Existing trees on plot	10	
	Number of trees to be planted	285	
	Number of trees to be transplanted/cut	0	
SOLID WASTE MANAGEMENT			
31	Total Solid Waste Generation	3097	TPD
32	Organic waste	1239	TPD
33	Mode of Treatment & Disposal	OWC & used as manure	TPD


MEMBER SECRETARY
SEAC -TN


CHAIRMAN*
SEAC- TN

34	Quantity of Sludge Generated from STP & Disposal	35	KG/DAY
35	Quantity of E-Waste Generation & Disposal	0	KG/DAY
36	Quantity of Hazardous waste Generation & Disposal	0	LPD
POWER / GREEN POWER			
37	Total Power Requirement	7500	KW
38	DG set backup	4 Nos of 2250 KVA working + 1 No of 2250 KVA standby	KVA
39	No of DG Sets	5	No.
40	Solar Panels – Roof Coverage	50	%
41	Hot Water Requirement		
	Of which met by Solar Panels	NIL	

Population details:

POPULATION			
Residential	DU'S	POP/DU	TOTAL POPULATION
Total Saleable Du's			
Total			
Non Residential			
CLUB house (Employees etc.)	Area		
Club			
Commercial			13319
Facility Management Staff			133


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Total			13452
Visitors			1332
Residential		xx% of Residential Population	
Club/Community Hall		xx% of Residential Population	
Commercial			13319
Total Visitors			2165
Total Population			15484

Details of CER Activities:

S. No.	Beneficiary	CER Activity	Capital cost Allocation (in Rs. Lakhs)	Action Plan
1	Govt Model High School, Guindy	I. Green belt development in the school ii. Providing hygiene Toilets rooms for students iii. Providing Environmental related books in the school library iv. Infrastructure development works if any as per demand	25	Will be spent within 1 year after Start of construction

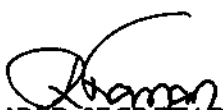
		v. Building repair work as per school demand		
2	Government Girls High school, Saidapet	i. Green belt development in the school ii. Providing hygiene Toilets rooms for students iii. Providing Environmental related books in the school library iv. Infrastructure development works if any as per demand v. Building repair work as per school demand	25	Will be spent within 1 year after Start of construction
3	Fund for Chennai Rivers Restoration Trust for Adyar River		25	Will be spent within 1 year after Start of construction
4	Solar powered fencing in Elephant corridor, DFO Krishnagiri		150	Will be spent within 1 year after Start of construction
5	Will be spent as per activities recommended by Greater Chennai Corporation.		475	Will be spent within 1 year after Start of construction
	Total cost		700	

RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
3. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
10. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
11. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
12. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

Agenda No: 398 - 09


(File No: 10198/2023)

Proposed construction of additional Block of Ground floor (Anechoic Chamber) Mezzanine floor (Air Plenum), 1st floor and 2nd floor (Office) and proposed 2nd floor over the existing R&D building with an installation of 3090 HP to the earlier existing blocks 1 to 12, warehouse & R&D building with an installation of 3910 HP at S. No. 175 (part) of Ernavoor Village, S.No. 6/1A1 of Tiruvottiyur Village in T.S. No. 3, 5/1A, 5/2A Block No. 1, Ward No. 1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai-600019, Thiruvallur District, Tamil Nadu by M/s. MRF Limited– For Clearance under CRZ Notification 2011. (SIA/TN/INFRA2/433358/2023, Dated: 15.06.2023)

The proposal is placed in this 398th meeting of SEAC held on 04.08.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. MRF Limited has applied for obtaining CRZ Clearance under CRZ Notification 2011 for the Proposed construction of additional Block of Ground floor (Anechoic Chamber) Mezzanine floor (Air


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Plenum), 1st floor and 2nd floor (Office) and proposed 2nd floor over the existing R&D building with an installation of 3090 HP to the earlier existing blocks 1 to 12, warehouse & R&D building with an installation of 3910 HP at S. No. 175 (part) of Ernavoor Village, S.No. 6/1A1 of Tiruvottiyur Village in T.S. No. 3, 5/1A, 5/2A Block No. 1, Ward No. 1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai-600019, Thiruvallur District, Tamil Nadu.

2. The project area is falling on the landward side of the existing road at Tiruvottiyur and the project site is falling in CRZ-II.

3. Provisions in the CRZ Notification, 2011

- As per the CRZ Notification, 2011 vide Para 1, the restrictions apply on the setting up and expansion of industries, operations or process and the like in the CRZ. Further, vide Para 3(1), setting up of new industries and expansion of existing industries are prohibited activities.
- As per Para 8 (1) II CRZ II (ii) of CRZ Notification 2011, buildings shall be permitted on the landward side of the existing and proposed roads or existing authorized 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.
- Vide para 4 (i) (d) Construction involving more than 20,000sq mts built-up area in CRZ-II shall be considered in accordance with EIA notification, 2006 and in case of projects less than 20,000sq mts built-up area shall be approved by the concerned State or Union territory 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 ELA notification, 2006 or grant of approval by the relevant planning authority.

4. Existing Clearance:

- i. The Project Proponent has obtained Clearance under the CRZ Notification, 2011 for the "Construction of industrial shed, for raw material and finished products with allied facilities, which consisting of

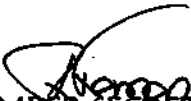
one Block of Ground Floor plus First Floor warehouse, one block of Ground Floor plus First Floor office and 9 blocks of Ground Floor Amenity buildings at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur Village in T.S.No 3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur Village, Ambattur Taluk, Tiruvallur district, with the Total Plot Area is 48,206.59 Sqm and the Total Built is 29515.80 Sqm vide the office Proc. No. P1/2327/2017, dated 12.02.2018.


- ii. The project area has been changed as "Special and Hazardous Industrial Use Zone" to facilitate the setting up of "Tyre Testing Unit". The CMDA has informed that the reclassification is allowed only for setting up of a Tyre Testing Unit.
 - iii. Further, the Project Proponent has obtained amendment for the above Clearance to erect "Tyre Testing Unit" in the warehouse, in the area of 1717.07 sq.m at Ground Floor and 1419.91 sq.m at First Floor for Research and Development activity, with the power requirement of 3910 HP vide the office Proc. No. P1/1721/2019, dated 31.07.2019.
 - iv. Again, the PP has obtained amendment for the Builtup area of the project, as 29,542.16 sq.m instead of 29,515.80 sq.m subject to the existing specific conditions issued in the Clearances vide the office Proc. No. P1/2327/2017, dated 12.02.2018 and vide the office Proc. No. P1/1721/2019, dated 31.07.2019.
 - v. The PP had obtained Consent to Operate from the Tamil Nadu pollution Control Borad vide Proceedings No.F.1849AMB/OL/DEE/TNPCB/AMB/A/2022 dated:03.09.2022 for operating the facility for the manufacture of Tyres for testing in tyre testing unit for Research and Development activity and warehouse for storage of Raw materials Finished products with allied facilities in a built up area of 29542.16 Sq.m at the rate 1000 Nos/Month.
5. Now, the Proponent has Proposed for additional construction of Block of Ground floor (Anechoic Chamber) Mezzanine floor (Air Plenum), 1st floor and 2nd floor (Office) and proposed 2nd floor over the existing R&D building with an

installation of 3090 HP. The existing FSI area for the project is 29542.16sqm and proposed FSI area is 4065.73 sqm.

6. COMPARISON STATEMENT

S. No.	Description	As per Existing Clearance	Expansion proposal	Incremental load
1	Land Area (Sqm)	48206.59 Sqm	50224.50 Sqm	2017.91
2	FSI Area (Sqm)	29542.16 Sqm	33892.83 Sqm	4350.67
3	No. of Blocks	1 Block of G.F + F.F warehouse building, 1 Block of G.F (Tyre testing activity) + F.F office building and 9 blocks of G.F Amenity building blocks totally 12 blocks	1 Block of G.F + F.F warehouse building, 1 Block of G.F (Tyre testing activity) + F.F office building and 9 blocks of G.F Amenity building blocks totally 12 blocks & Proposed Block - Ground Floor (Anechoic Chamber), Mezzanine Floor (Air Plenum), 1st floor and 2nd floor (Office) and Proposed 2nd floor over the Existing R&D building.	Proposed additional Block of Ground floor (Anechoic Chamber) Mezzanine floor (Air Plenum), 1st floor and 2nd floor (Office) and proposed 2nd floor over the existing R&D building.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

4	No. of Occupants	157 Nos	220 Nos	63 Nos
5	Fresh Water Requirement	6 KLD	8 KLD	2 KLD
6	Recycled water requirement	26 KLD	26 KLD	No increase
7	Total Solid waste generated (kg/day)	27.7 kg/day	39/day	11.3 kg/day
8	Power requirement and DG sets	3910 Hp and DG 1250 KVA	7000 Hp and DG 1250 KVA	3090 Hp
9	STP capacity	12 KLD	12 KLD	--

7. Total cost of the project and CRZ classification

The total cost of the project is Rs.264.91 crores and the proposed site is falling in CRZ-II

8. Application status filed before the Hon'ble NGT (SZ):

In this connection, it is submitted that one Application No.224 of 2021 filed by Thiru MR. Thiyagarajan against M/s. MRF Limited on the existing clearance issued by TNSCZMA on the Tyre testing facility and warehouse in the same warehouse and it is pending with the Hon'ble NGT (SZ). Further, the Hon'ble NGT has constituted a joint committee consisting of 1) The District Collector, Chennai district (2) a senior officer from SEIAA, TN (3) a senior officer from TNSCZMA (4) a senior officer from MoEF&CC, Chennai (5) DEE, TNPCB, Chennai. The nodal department for joint committee was Tamil Nadu Pollution Control Board.

The Hon'ble NGT(SZ) directed the joint committee to inspect the site ascertain as to


MEMBER SECRETARY
SEAC -TN

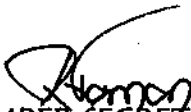

CHAIRMAN
SEAC- TN

- 1) Whether the MRF Limited is having necessary EC to the permissions including for the area in dispute where allegedly, manufacturing activities were extended in a clandestine manner as alleged by the applicant.
- 2) Whether any construction has been made in CRZ zone without obtaining any necessary permission under the CRZ notification 2011 or 2019 whichever is applicable.
- 3) Whether there was any illegal extraction of water by drilling bore wells in the alleged CRZ zone without obtaining necessary permission, if the unit is an unauthorized user, then, what is the nature of action taken by them in this regard.
- 4) If there is any violation found, what is the nature of action taken by the regulators in respect of the same.
- 5) Whether any damage has been caused to environment on account of any alleged illegal activities and if so, assess the environmental compensation as directed by this tribunal including the cost or restoration required for restoring the environment to its original state, apart from assessing compensation for the violations of conditions and environmental laws.
- 6) Whether the hazardous waste Management rules 2016, Hazardous and other wastes (Management and Transboundary Movement) Rules 2016 Which are applicable to the unit are being strictly complied with, if not what is the deficiency found and the action taken on this regard including recommending the methods by which the deficiency can be set right.

Dr. L. Elango. Professor, Dept of Geology, Anna University (Expert Member of TNSCZMA) was deputed on behalf of TNSCZMA for inspection. He inspected the site along with the team. The Joint Committee has inspected the site on 02.03.2022 and furnished report.

9. Recommendations of the DCZMA

This subject was placed before the DCZMA meeting held on 14.06.2022 and the DCZMA has resolved to recommend the above project to the Tamil Nadu State Coastal Zone Management Authority subject to the conditions stated therein.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

10. Decision of TNSCZMA in the 118th meeting held on 14.10.2022:

The SCZMA has examined the recommendation of the DCZMA for Chennai district in the meeting held on 14.06.2022 and replies submitted by the Project Proponent w.r. to the conditions imposed by the DCZMA and remarks of the Technical Expert Committee. The Authority also observed the pending Application before Hon'ble NGT (SZ) on the existing construction of M/s. MRF Ltd., on the same project site.

Legal opinion received from Dr. D. Shanmugonathan, Standing Counsel for East of Tamil Nadu

The Standing Counsel has communicated the Legal Opinion in this matter vide letter dated 14.02 2023 and stated as follows,

"I have gone through orders of the National Green Tribunal made in OA 224 of 2021, to best of my knowledge, the Applicant was not granted an interim order against the respondents, including the Respondent No. 3 (TNSCZMA). Hence, there is no bar on the TNSCZMA to deal with the proposal received from MRF.

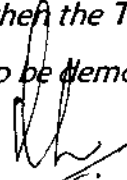
It is important to note that Joint Committee appointed by the Tribunal in Ox 224 of 2021, has observed as:

The unit of M/s MRF LTD should obtain environmental clearance because that survey number cannot be used for industrial activity, since that land SF.NO falls on CRZ ZONE area so that construction activity should be considered as separate ware housing, testing and office purpose operation *at this juncture M/s MRF LTD should obtain environmental clearance.* Emphasis added.

However, the Joint Committee has left it to SEIAA Expert Committee to decide whether MRF LTD requires EC or not, as MRF's EC application is pending with SEIAA.

At the Final Hearing if the Tribunal found against MRF that they did not obtain Environmental Clearance for their warehouse and R & D building, then the Tribunal has no other option except them to be removed or in other words to be demolished.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

11. Remarks of the Technical Expert Committee (TEC):

- 1) The project proponent has assured that there is no any production and or any other industrial activity to be undertaken in the proposed project site. The proposal is only for Research and Development activities. And it is expansion of the building.
- 2) As per the legal opinion, it is clarified that, the committee can process the application for CRZ clearance. However, with regard to the applicability of the Environment Clearance, the proponent has to obtain EC, based on the applicability.
- 3) The legal opinion should be included, if the proposal is recommended to SEIAA for the consideration of the Committee.

12. Recommendations of the TNSCZMA

This subject was placed before the 120th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 05.04.2023 and the SCZMA examined the recommendation of the DCZMA of Chennai district and also the legal opinion on the Original Application No. 224 of 2021 offered by Dr. D Shanmuganathan, Standing Counsel, NGT (Southern Zone) in the 120th meeting of TNSCZMA held on 05.04.2023 and decided to recommend the project to SEIAA for issuing CRZ Clearance, with the conditions stated therein.

Hence, this proposal is placed in this 398th meeting of SEAC held on 04.08.2023.

The SEAC further observed the following:

1. Earlier application No. SIA/TN/NCP/60757/2016 dt: 30.11.2016 was appraised (File No. 6227/2016) vide 92nd SEAC meeting held on 11.07.2017. Based on the presentation made by the proponent the Committee inferred that the project might attract CRZ regulations and hence deferred the proposal. The Committee directed the proponent to approach the Tamil Nadu Coastal Zone Management Authority for their appraisal and decision regarding CRZ Clearance and then represent the proposal before the SEAC.
2. This proposal was withdrawn by the PP in the Online Parivesh portal.
3. The Application No.224 of 2021 filed by Thiru MR. Thiyagarajan against M/s. MRF Limited on the existing clearance issued by TNSCZMA on the Tyre testing

facility and warehouse in the same warehouse and it is pending with the Hon'ble NGT (SZ).

4. As per MoEF & CC O.M dated 4th October, 2022:


"...the Ministry deems it necessary to clarify that, the word Industrial Shed mentioned in the Notification S.O. 3252 (E) dated 22/12/2014 implies buildings/ warehouses/ sheds (whether RCC or otherwise) which are used for housing machinery of industrial units and/or storage of raw materials and finished goods and industrial products including but not limited to industrial and factory-made products, irrespective of the location and proximity of the Industrial Shed -- any Industry. These Industrial Sheds shall strictly implement the guidelines issued vide OM dated 9/06/2015 to ensure sustainable environmental management. However, if any of the activities/processes covered in the schedule to the EIA Notification 2006 are housed in the said Industrial Shed, then the same shall be required to obtain prior BC under the provisions of EIA Notification, 2006"

5. As per MoEF & CC O.M dated 1st September, 2022:

"...R&D activities on laboratory scale/pilot scale carried out for the projects or activities which are listed in the schedule to the EIA Notification 2006, as amended and where no commercial production is involved, are exempted from the requirements of prior EC, provided such activities are clearly mentioned as R&D activities in the consents obtained from the respective State Pollution Control Board"

Based on the documents furnished and the presentation made by the proponent, the SEAC, after detailed deliberations, decided to obtain the following details, as neither the EIA Coordinator nor the person representing the PP could give the details asked for in the meeting,

1. The PP shall furnish certified compliance report obtained from the TNPCB for the earlier CTE and CTO issued.
2. The PP shall submit the details of case pending in Application No.224 of 2021 filed by Thiru MR. Thiyagarajan against M/s. MRF Limited on the existing clearance issued by TNSCZMA on the Tyre testing facility and warehouse in the same warehouse.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. The PP shall furnish the details of R&D activities undertaken in the existing R&D facility, including ant new technologies developed, patents regidtered, research papers published etc.
4. The PP shall furnish the details of activities in the existing warehouse with videographic proof of the same.

On receipt of the above, further deliberations will be carried out. Hence, the Proponent is advised to submit the additional documents/information as sought above within the period of 30 days failing which your proposal will automatically get delisted from the PARIVRESH portal.

Agenda No: 398- 10

(File No: 10204/2022)

Proposed for Development of Industrial Park/SEZ over an extent of 489.04 Ha (1207.92 Acres) at S.F.Nos.463/1A1A, 463/1A1B etc., of Peruvalayam Village, S.F.Nos.302, 303, etc., of Nedumpuli Village, S.F.Nos.1/1, 4, etc., of Thuraiyur Village, S.F.Nos.2/1A, 2/1B, etc., of Agavalam Village (Annexure-II), Nemili Taluk, Ranipet District, Tamil Nadu by M/s. State Industries Promotion Corporation of Tamil Nadu Limited - For Terms of Reference (SIA/TN/INFRA2/434694/2023 Dated: 26.06.2023). The proposal was placed in this 398th meeting of SEAC held on 04.08.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. State Industries Promotion Corporation of Tamil Nadu Limited has applied for Terms of Reference for the Proposed for Development of Industrial Park/SEZ over an extent of 489.04 Ha (1207.92 Acres) at S.F.Nos.463/1A1A, 463/1A1B etc., of Peruvalayam Village, S.F.Nos.302, 303, etc., of Nedumpuli Village, S.F.Nos.1/1, 4, etc., of Thuraiyur Village, S.F.Nos.2/1A, 2/1B, etc., of Agavalam Village (Annexure-II), Nemili Taluk, Ranipet District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Townships and Area Development Projects" of the Schedule to the EIA Notification, 2006.

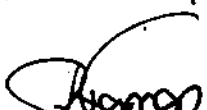

MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. The project proponent has reported that only Industries not attracting the purview of EIA Notification,2006 will be housed within this Industrial Estate.
4. The proposal involves development of Industrial Park/SEZ in Ranipet District with a land area 489.04 Ha (1207.92 Acres).

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR), subject to the following TORs, in addition to the standard terms of reference for EIA study and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The entire land ownership details shall be included in the EIA report and shall remove the survey numbers if any wetland.
2. The industries to be housed in the SIPCOT shall comply with the norms as prescribed by the Competent Authority for treated sewage, treated trade effluent and disposal of solid wastes generated from the process activity.
3. If any Category A or B type of industry as notified in the EIA Notification 2006, as amended is proposed in the SIPCOT, the concerned project proponent shall apply for Environmental Clearance as per EIA Notification 2006, as amended.
4. The PP is advised to retain the trees available at the project site. In case of necessity, if any to remove the trees, the PP shall commit to plant minimum of 10 nos. of trees for every tree that is cut.
5. The PP shall submit the details of existing waterbodies, roads and structures within the project site and impacts shall be included in EIA report.
6. The PP shall explore the possibilities to reuse TTRO plant water for greenbelt development within the Industrial Estate.
7. The PP shall explore the possibilities of providing Combined Effluent Treatment Plant within the Industrial Estate.
8. The PP shall explore the construction of Affordable House for the workers and the area should be earmarked.
9. The PP shall examine the SH/NH road connectivity to the project site and impact on the traffic due to the proposed project.
10. The PP shall examine the GAIL pipeline connectivity to the project site and shall be included in the project cost.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

11. The PP shall explore construction of pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a structure which was crucial to the overall eco-system.
12. The proponent shall furnish the design details of the STP treatment system and ETP system.
13. As per G.O. Ms. No. 142 approval from Central Ground Water Authority shall be obtained for withdrawal of water and furnish the copy of the same, if applicable.
14. Commitment letter from competent authority for supply of water shall be furnished.
15. Copy of the village map, FMB sketch and "A" register shall be furnished.
16. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
17. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
18. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
19. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
20. Details of the rain water harvesting system with cost estimation should be furnished.
21. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the water bodies around the proposed project site & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
22. The purpose of Greenbelt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics.

A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 15 metre wide and in between blocks in an organized manner and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 33% of the total area and the same shall not be used for car parking/OSR.

23. Cumulative impacts of the Project considering with other infrastructure developments and industrial parks in the surrounding environment within 5 km & 10 km radius shall be furnished.
24. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
25. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the ground water, emission, noise and traffic.
26. The proposal for utilization of at least 50% of Solar Energy shall be included in the EIA/EMP report.
27. As per the MoEF&CC Office Memorandum F.No.22-65/2017-IA.IIIdated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP.

Agenda No: 398 - 11

(File No: 10114/2023)

Proposed Construction of Residential Building - Mother's Village at S.F.Nos.537/2, 538, 539/1, 539/2, 541/1, 541/4 & 544/10 of Singanallur Village, Coimbatore South Taluk, Coimbatore District, Tamil Nadu by M/s. Mount Kailash Properties - For Environmental Clearance. (SIA/TN/INFRA2/428311/2023, Dated:05.06.2023).

The proposal was placed in this 398th SEAC meeting held on 04.08.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). The SEAC noted the following:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

1. The Proponent, M/s. Mount Kailash Properties has applied for Environmental Clearance under for the Proposed Construction of Residential Building - Mother's Village at S.F.Nos.537/2, 538, 539/1, 539/2, 541/1, 541/4 & 544/10 of Singanallur Village, Coimbatore South Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building & Construction Projects" of the Schedule to the EIA Notification, 2006.
3. Initially the applicant had planned to construct Block A & Block B with the total built-up area of 15483.97 Sq. m and the Consent for Establishment had been obtained from TNPCB Coimbatore Board for the built-up area of 15483.97 Sq.m vide Proceeding No. 3835CBS/OL/DEE/TNPCB/CBS/A&W/2023, dated: 29/01/2023.
4. Though, the demand for the residential building has increased in the proposed region, the applicant had planned to expand the project to a built-up area of 76,658.43 Sq. m. (Block A to F). As, the proposed built-up area is more than 20,000 Sq. m the project requires Environmental Clearance from SEIAA-TN.
5. The Total plot area is 35,329.06 Sq. m (or) 8.73 Acres (3.53 Ha.). Built-up area of 76,658.43 Sq. m. (Block A to F).
6. From the KML file uploaded in the PARIVESH Portal and other documents submitted, it is further ascertained that the proponent has started the proposed construction work without obtaining EC.
7. As per MoEF & CC Notification S.O. 804 (E) dated 14.03.2017,

"In case the project or activities requiring prior Environmental Clearance under EIA Notification 2006 from the concerned Regulatory Authority are brought for Environmental Clearance after starting the construction work, or have undertaken expansion, modernization and change in product-mix without prior EC, these projects shall be treated as cases of violations and in such cases, even Category B projects which are granted Environmental Clearance by the SEIAA constituted under sub-section(3) section 3 of the Environment (Protection) Act 1986 shall be appraised for


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

grant of Environmental Clearance only by the concerned Expert Appraisal Committee and Environmental Clearance will be granted accordingly".

8. MoEF& CC Notification S.O.1030 (E) dated 08.03.2018.
9. MoEF&CC OM F.No.22-21/2020-IA.III Dt:07.07.2021.
10. MoEF&CC OM F.No.22-21/2020-IA.III [138949] Dt:28.01.2022.
11. In the present case, the proponent has started the proposed construction work without obtaining EC and hence the proposal has to be treated as 'violation'.

Based on the presentation & documents furnished, since the PP has started the project without obtaining EC and has also not applied during the window period, this project has to be treated as violation case under SoP notified by the MoEF & CC outside the window period.

The SEAC noted that, the MoEF&CC has issued office memorandum Dated 28th January, 2022 regarding observation of Hon'ble Supreme Court with reference to the SoP dated 7th July 2021 for identification and handling of violation cases under EIA Notification 2006 and stated that "*93. The interim order passed by the Madras High Court appears to be misconceived. However, this Court is not hearing an appeal from that interim order. The interim stay passed by the Madras High Court can have no application to operation of the Standard Operating Procedure to projects in territories beyond the territorial jurisdiction of Madras High Court. Moreover, final decision may have been taken in accordance with the Orders/ Rules prevailing prior to 7th July, 2021.*"

Hence SEAC decided to issue the following Terms of Reference along with submission of assessment of ecological damage, remediation plan and natural and community resource augmentation plan, as per Notification vide S.O.804(E) Dt. 14.3.2017. Terms of Reference are issued subject to final orders of the Hon'ble High Court of Madras in the matter W.P.(MD) No. 11757 of 2021.

1. The PP shall adopt green building norms and shall get minimum IGBC Gold rating for the proposed buildings.
2. Project Proponent shall furnish the copy of land use classification certificate obtained from the competent authority.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the Municipal Corporation/Competent Authority.
4. The PP shall adopt permeable pavement design to harvest rainwater.
5. The PP shall furnish proposal for utilization of at least 50% of roof top area for harnessing Solar Energy for common area lighting and Solar water heater etc shall be included in the EIA/EMP report.
6. The proponent shall provide green parking area as per the requirements at ground level.
7. The traffic study shall be included in the EIA Report.
8. The PP shall furnish NOC of Airport authority for Height Clearance (42m).
9. The PP shall furnish Fire NOC.
10. The proponent shall furnish the details of sewage treatment technology proposed for this proposed existing & Expansion activity and also furnish the design details of the said STP along with adequacy report from any one of the reputed Educational Institution.
11. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.
12. The project proponent shall furnish proposal for the adequate elevated closed roof area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001, STP, ETP along with development area for the proposed project activity.
13. The proposal to construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as

a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.

14. As per G.O. Ms. No. 142 approval from Central Ground Water Authority shall be obtained for withdrawal of water and furnish the copy of the same, if applicable.
15. Copy of the village map, FMB sketch and "A" register shall be furnished.
16. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
17. Details of the Rain water harvesting system with cost estimation should be furnished.
18. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the water bodies around the proposed project site & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
19. The proposed OSR area should not be included in the activity area. The OSR area should not be taken in to account for the green belt area.
20. The layout plan shall be furnished for the greenbelt area earmarked with GPS co-ordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15%of the total land area of the project.
21. Cumulative impacts of the Project considering with other infrastructure developments and industrial parks in the surrounding environment within 5 km & 10 km radius shall be furnished.
22. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.

23. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.
24. As per the MoEF&CC Office Memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC.

Agenda No: 398 - 12

(File No: 10144/2023)


Proposed Construction of High-Rise Residential Building at T.S.No. 156/3 of Perambur Village, Perambur Taluk, Chennai District, Tamil Nadu by M/s. Casagrand Builder Private Limited - For Environmental Clearance. (SIA/TN/INFRA2/433006/2023, Dated: 12.06.2023).

The proposal was placed in this 398th SEAC meeting held on 04.08.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Casagrand Builder Private Limited has applied for Environmental Clearance under for the Proposed Construction of High-Rise Residential Building at T.S.No. 156/3 of Perambur Village, Perambur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of item 8(a) "Building & Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The Project involves construction of High- Rise Residential Group Development Building Consisting of 2 Blocks with Combined and Extended double Basement Floor (Parking): Block – 1: Ground Floor+ 1st Floor + 2nd Floor to 34th Floors with 452 Dwelling Units & Block – 2: Ground Floor +1st Floor + 2nd Floor to 42nd Floors With 128 Dwelling Units, Totally 580 Dwelling Units.
4. Total plot area of the project is 27563 Sq.m and built-up area is 136725 Sq.m respectively.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -


MEMBER SECRETARY
SEAC -TN


67

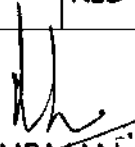

CHAIRMAN
SEAC- TN

1. The environmental clearance is sought for Proposed Construction of residential Building at T.S.No. 156/3 of Perambur Village, Perambur Taluk, Chennai District, Tamil Nadu, Tamil Nadu by the PP M/s. Casagrاند Builder Private Limited.
2. M/s Ecotech Labs Private Limited is the EIA Consultant for the project.
3. Total plot area of the project is 27563 Sq.m and built-up area is 136725 Sq.m respectively.
4. Maximum number of floors will be 42 floors and maximum height of the building will be 150.65m.
5. Total Saleable DU's (dwelling units) is 580.
6. The project proposal falls under Category-8(a) of EIA Notification, 2006 (as amended).
7. Salient features of the project as submitted by the project proponent:


PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	27563	SQMT
2	Proposed Built Up Area	136725	SQMT
3	Total no of Saleable DU's/Villas	580	No.
4	Max Height - (Height of tallest block)	150.65	M
5	No of Building Blocks (Residential + Community facilities)	2	
6	Max No of Floors	42	No.
7	Expected Population (125 Data Centre + 25 Floating)	3852 (3470 Residential + 382 Visitors and maintenance)	No.
8	Total Cost of Project	366.01	CR
9	Project Activity:	The Project involves construction of High-	

		Rise Residential Group Development Building Consisting of 2 Blocks with Combined and Extended double Basement Floor (Parking): Block – 1: Ground Floor+ 1 st Floor + 2 nd Floor to 34 th Floors with 452 Dwelling Units & Block – 2: Ground Floor +1 st Floor + 2 nd Floor to 42 nd Floors With 128 Dwelling Units. Totally 580 Dwelling Units.	
AREAS			
10	Permissible Ground Coverage Area (50%)	50 %	SQMT
11	Proposed Ground Coverage Area (43.74%)	3721.32 (16 %)	SQMT
12	Permissible FSI Area (3.25)	134369.63	SQMT
13	Proposed FSI Area (3.16)	103413.12	SQMT
14	Other Non FSI Areas - including basement area etc.	33311.88	SQMT
15	Proposed Total Built Up Area	136725	SQMT
WATER			
16	Total Water Requirement	507	KLD
17	Fresh water requirement	317	KLD
18	Treated Water Requirement	190	KLD
19	Wastewater Generation	445	KLD
20	Proposed Capacity of STP	500	KLD
21	Treated Water Available for Reuse	423	KLD
22	Treated Water Recycled	190	KLD


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

23	Surplus treated water to be discharged in Municipal Sewer with Prior permission, if any	233	KLD
RAINWATER HARVESTING			
24	Rainwater Harvesting - Recharge Pits	75	No.
25	Rainwater Harvesting Sump Capacity	70	M ³
PARKING			
26	Total Parking Required as / Building Bye Laws	502	ECS
27	Proposed Total Parking	989	ECS
28	Parking in Basements	897	ECS
GREEN AREA			
29	Proposed Green Area (Minimum 15.0% of plot area)	4933.25 (21%)	SQMT
	Total area	27563	SQMT
	Existing trees on plot	0	No.
	Number of trees to be planted	400	No.
	Number of trees to be transplanted/cut	0	No.
SOLID WASTE MANAGEMENT			
30	Total Solid Waste Generation	2.159	TPD
31	Organic waste	0.864	TPD


 MEMBER SECRETARY
 SEAC -TN


 CHAIRMAN
 SEAC- TN

32	Mode of Treatment & Disposal	Will be treated in Organic Waste Converter and used as manure for gardening.	TPD
33	Quantity of Sludge Generated from STP & Disposal	20	KG/DAY
34	Quantity of E-Waste Generation & Disposal	0	TPA
35	Quantity of Hazardous waste Generation & Disposal	0	TPA
POWER / GREEN POWER			
34	Total Power Requirement	6014 KVA	MVA
35	DG set backup	1 No. of 320 KVA, 2 Nos. of 380 KVA & 2 Nos. of 250 KVA	KVA
36	No of DG Sets	5	No.
37	Solar Panels - Roof Coverage	50	%
38	Hot Water Requirement Of which met by Solar Panels	9	KWHr


Population details:

POPULATION			
Residential	DU'S	POP/DU	TOTAL POPULATION
Total Saleable Du's	580	-	580
Total		-	
Non-Residential		-	
CLUB house (Employees etc.)		-	
Club		-	
Commercial (Data Centre)		-	


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Facility Management Staff		-	
Total	580	-	580 Nos.
Visitors			
Residential	10% of total population	xx% of Residential Population	347
Club/Community Hall		xx% of Residential Population	Nil
Commercial			35
Total Visitors			
Total Population			3852
EMP Cost			Construction phase: 0.143 Crores Operation Phase: Capital – 1.9375 Crores Recurring – 0.3584 Crores
CER Cost			Rs. 3Crores
Details of CER Activities: 1. Chennai High School Ganeshapuram, Vyasarpadi-Rs. 50 Lakhs. 2. Chennai Government School, Shanthi Nagar, Mangalapuram-Rs. 50 Lakhs, 3. Blind students in Presidency College, Chennai - Rs. 2 Crores. HP With xerox and scanning.(1) ----- Required Software. Ms. Office			


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

C, C++

Java (Eclipse)

Python

Photoshop

Flash

Microsoft visual studio Dot Net framework

Tally

SPSS

Typing software

SQL ORACLE

Required computer Tables : 40

With wall wiring and switch board.

Air conditioner : 02

2 Ton AC.

RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body /Metro Water/TWAD.
3. The PP shall furnish action plan for harnessing 50% solar energy or shall purchase 50% renewable green energy from TNEB to meet the energy requirement.
4. The PP shall ensure that at least 50% of the HVAC system runs on air cooling mechanism.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

5. The proponent shall provide green parking area as per the requirements at ground level.
6. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
7. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
8. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
9. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
10. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
11. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
12. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
13. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

14. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.

15. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

Agenda No: 398-13


(File No: 7990/2023)

Proposal for establishment of Common Bio-Medical Waste Treatment Facility at S.F.No. 123/4B at Nayapakkam Village, Uthukottai Taluk, Tiruvallur District, Tamil Nadu by M/s. Greater Chennai Bio Medical Waste Management Private Limited - For Environmental Clearance. (SIA/TN/INFRA2/429117/2023 dated: 07.06.2022)

The proposal was placed in this 398th meeting of SEAC held on 04.08.2023. The project proponent made a detailed presentation. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Greater Chennai Bio Medical Waste Management Private Limited has applied seeking Environment Clearance for the establishment of Common Bio-Medical Waste Treatment Facility of 10TPD capacity at S.F.No. 123/4B at Nayapakkam Village, Uthukottai Taluk, Tiruvallur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" of Item 7d(a) "Common Bio-Medical Waste Treatment Facility" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR for the EIA study under violation category was issued vide Letter No.SEIAA-TN/F.No.3818/ToR-489/2018/ dated 16.05.2018.
4. Amendment to ToR Letter No. SEIAA-TN/F-3818/SEAC- CXVIII/TOR-489(A)/2018 dt 30.07.2018.
5. Public Hearing conducted on 15.12.2022


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

6. Public compliant petitions dated 24.05.2023 received from the public residing at Nayapakkam Village.
7. Water bodies such as Poondi lake is located at 1.38km , Telugu Ganga canal at a distance of 340m, Nayapakkam Eri at 0.69km, Thangal Eri at 0.7km and River Kosathalayar flowing at a distance of 1.65km from the proposed site.
8. Nayapakkam Reserve Forest is located at a distance of 220m from the proposed site.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the SEAC, after detailed discussions, decided not to recommend for the grant of Environmental Clearance for the project for the following reasons:

1. While selecting the location of the project site for establishment of CBMWTF, the PP has not followed the siting criteria guidelines for Management of Healthcare Waste as per Biomedical Waste Management Rules, 2016 issued by the Directorate General of Health Services, Ministry of Health & Family Welfare and Central Pollution Control Board. The PP has not obtained prior approval from TNPCB for the location of project site.
2. The proposed location is in the close proximity of two main drinking water sources for Chennai city, namely, (1) Poondi Lake that is located at 1.38km and (2) Telugu Ganga canal at a distance of 340m.
3. Local villagers of Nayapakkam Village have vehemently opposed the establishment of CBMWTF in their village during public hearing and through petitions.
4. The Tribal people who live in the area, namely Irulas have stated in a representation that the site and the surrounding area are used by them as grazing ground for their livestock.
5. The Grama Sabha has also opposed the establishment of the facility in the proposed site, vide their Resolution dated 26.01.2023.
6. The PCCF has rejected N.O.C in reference in his letter no. TS1/10750/2022, dated. 02.08.2022, for the establishment of CBMWTF as Nayapakkam

Reserve Forest is located at a distance of 220m which is surrounded by Red Sanders plantations, rich wildlife and many water bodies.

7. The proposed site is surrounded by all the three important constituents of any land-based ecosystem i.e., forest, wildlife and water bodies and the establishment will be detrimental to the ecology of the area.

The Committee, however, noted that there is a need for increasing the capacity of biomedical waste treatment, in the context of increase in number of hospitals and hospital beds and the project proponent may, therefore, resubmit the proposal afresh with alternative suitable project site.

Agenda No: 398-14

(File No: 9110/2022)

Proposed for the construction of residential development in S.No. 90/1, 90/2, 92/2, 91/1A2, 91/2B, 91/3B, 91/1A1, 91/1B, 91/2A, 91/3A, 92/1, 95/2, 94/2B, 95/1B, 94/1B, 95/1A, 99/4,105, 94/2B, 95/1B, 96,104,94/1A,94/2A,99/3 of Valasaravakkam Village, Maduravoyal Taluk Chennai District, Tamil Nadu by M/s.Landmark Metro Projects Pvt. Ltd. - For Environmental Clearance. (SIA/TN/MIS/72653/2022, dated 25.02.2022)

The proposal was placed in this 398th meeting of SEAC held on 04.08.2023. The project proponent made a detailed presentation. The details of the project furnished by the proponent are available on the PARIVESH website (parivesh.nic.in).

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Environmental Clearance is sought for Construction of High-Rise Group Development for Residential cum Commercial Buildings at S.No. 90/1, 90/2, 91/1A pt, 91/1B, 91/2 pt, 91/3 pt, 92, 94/2B pt, 95/2, 94/1B pt of Valasaravakkam Village, Maduravoyal Taluk Chennai District, Tamil Nadu by M/s. Landmark Metro Projects Private Limited & 2 others
2. M/s Ecotech Labs Private Limited is the EIA Consultant for the project.
3. ToR obtained vide Letter No. SEIAA – TN/F. No. 9110/SEAC/8(b)/ToR - 1264/2022 dated 03.10.2022 for construction of residential development at S.No. 90/1, 90/2, 92/2, 91/1A2, 91/2B, 91/3B, 91/1A1, 91/1B, 91/2A, 91/3A, 92/1, 95/2, 94/2B, 95/1B, 94/1B, 95/1A, 99/4,105, 96,104,94/1A,94/2 A,99/3 with >


MEMBER SECRETARY
SEAC -TN


77

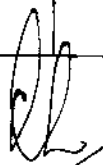

CHAIRMAN
SEAC- TN

Block 1 : Tower 1 to Tower 7 comprised of combined basement with combined stilt floor to 15 floors ➤ Block 2 : Tower 1 to Tower 6 comprised of combined Stilt floor to 15 floors and Block 2 ➤ Commercial Block [B + G + 9 floors] for total land area of 92834.11 Sqm and total built-up area of 191731 Sqm and 1080 dwelling units.

4. Not the PP has reduced the total land area 92834.11 Sqm to 40,063.40 Sqm and built-up area from 191731 Sqm to 1,78,907.99 Sqm.
5. The proposed project comprise of Combined Stilt for all the Blocks. ➤ Block 1 (Tower 1 to 7) ▪ Combined Stilt Floor (Meant for Parking) + Combined 1st floor (Meant for Parking) , 2nd Floor to 15th Floor. ➤ Block 2 (Tower 1 to 6) ▪ Combined Basement Floors only for 3 towers (Tower 4 ,5 & 6) over and above combined Stilt Floor (Meant for Parking) + 1st floor (Meant for parking) for 6 Towers, over and above 15 floors for Tower 1 to 6. ➤ Block 3 (Commercial and Club House)- Ground + 10 Floors ➤ Villas- Ground+ 1st Floors- 4 numbers.
6. Maximum number of floors will be 15 Floors and maximum height of the building will be 50.33 m.
7. Total Saleable DU's (dwelling units) is 988 nos.
8. Salient features of the project as submitted by the project proponent:


PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	40,063.40	SQMT
2	Proposed Built Up Area	1,78,907.99	SQMT
3	Total no of Saleable DU's/Villas	988	No.
4	Max Height - (Height of tallest block)	50.33	M
5	No of Building Blocks (Residential + Community facilities)	3 blocks	


MEMBER SECRETARY
SEAC -TN

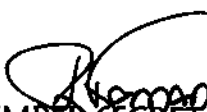

CHAIRMAN
SEAC- TN

6	Max No of Floors	15	No.
7	Expected Population	6183 (4940 residential+494 visitors+ 49 maintenance staffs+328 hotel room occupancy+201 restaurant population+171 office population)	No.
8	Total Cost of Project	272.8256	CR
9	Project Activity :		
AREAS			
10	Permissible Ground Coverage Area (xx%)	NA	SQMT
11	Proposed Ground Coverage Area (xx%)	21745.44	SQMT
12	Permissible FSI Area (xxx)	1,00,158.5	SQMT
13	Proposed FSI Area	140987.91 (Premium FSI)	SQMT
14	Other Non FSI Areas - including basement area etc.	37920.08	SQMT
15	Proposed Total Built Up Area	1,78,907.99	SQMT
WATER			
16	Total Water Requirement	795	KLD
17	Fresh water requirement	506	KLD
18	Treated Water Requirement	672	KLD
19	Wastewater Generation	707	KLD


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

20	Proposed Capacity of STP	720	KLD
21	Treated Water Available for Reuse	672	KLD
22	Treated Water Recycled	289	KLD
23	Surplus treated water to be discharged in Municipal Sewer with Prior permission, if any	383	KLD
RAINWATER HARVESTING			
24	Rainwater Harvesting - Recharge Pits	420	No.
25	Rainwater Harvesting Sump Capacity	40	M ³
PARKING			
25	Total Parking Required as / Building Bye Laws	1244	ECS
26	Proposed Total Parking	1385 cars, 126 two wheeler parking	ECS
27	Parking in Basements	203	ECS
GREEN AREA			
28	Proposed Green Area (Minimum 15.0% of plot area)	6009.51 (15%)	SQMT
	Total area	40063.4	sqm
	Existing trees on plot	-	-
	Number of trees to be planted	600	nos
	Number of trees to be transplanted/cut	-	-
SOLID WASTE MANAGEMENT			
29	Total Solid Waste Generation	2.739	TPD
30	Organic waste	1.096	TPD


 MEMBER SECRETARY
 SEAC - TN


 CHAIRMAN
 SEAC- TN

31	Mode of Treatment & Disposal	Will be treated in TPD Organic Waste Converter and used as manure for gardening.	
32	Quantity of Sludge Generated from STP & Disposal	37	KG/DAY
33	Quantity of E-Waste Generation & Disposal	-	KG/DAY
34	Quantity of Hazardous waste Generation & Disposal	-	LPD
POWER / GREEN POWER			
34	Total Power Requirement	11431	kva
35	DG set backup	4 Nos of 250 kVA	KVA
36	No of DG Sets	4	No.
37	Solar Panels – Roof Coverage	50%	%
38	Hot Water Requirement	12.3 KLD	
	Of which met by Solar Panels		

Population details:

POPULATION			
Residential	DU'S	POP/DU	TOTAL POPULATION
Total Saleable Du's	988	5 nos/Dwelling unit	4940
Total			
Non Residential			


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN


CLUB house Area (Employees etc.)	-	-
Club		
Commercial		700
Facility Management Staff	-	49
Total		
Visitors		
Residential	-	10% of Residential Population 494
Club/Community Hall	-	xx% of Residential Population
Commercial	-	-
Total Visitors		
Total Population		6183
EMP Cost		Construction phase- Rs.21 lakh Capital cost- Rs.448.25 lakh Recurring cost- Rs.42.29 lakh
CER Cost		Rs 100 lakh to be spent for Provision of Infrastructure & sanitation facilities such as Hygienic Toilets facilities, Classroom flooring, Furniture's, Environmental awareness books for students in library, Greenbelt development, maintenance of


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

		<p>toilets for up to construction phase at the schools listed below and</p> <p>Rs 170 Lakh for formation of a Charitable Trust to give scholarships for physically challenged students to pursue higher education.</p>			
Details of CER Activities		S. No	CER Activity	Capital cost Allocation (in Lakhs)	Action Plan
		<p>Provision of Infrastructure & sanitation facilities such as Hygienic Toilets facilities, Classroom flooring, Furniture's, Environmental awareness books for students in library, Greenbelt development including maintenance of toilets for up to construction phase</p>			
	1	Government School, Karambakkam- km. SW	High 2.1	20	Within 6 months after starting of construction
	2	Government Adidravidar school, Valasaravakkam - km, S	High 0.5	20	Within 6 months after starting of construction


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

		Government Higher Secondary School, Arumbakkam- 4.3 km, NE	20	Within 9 months after starting of construction
		Government High school, Mugalivakkam-2.7 km, S	20	Within 12 months after starting of construction
		Government Girls higher Secondary School, Porur- 1 km, S	20	Within 12 months after starting of construction
		Total Cost Allocation		100 lakhs


9. The proposed activity is covered under Category "B1" – of Item 8(b) "Township and Area Development Projects" of the Schedule to the EIA Notification, 2006 as amended

RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of Environmental Clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:


Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Platinum rating.
2. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body /Metro Water/TWAD.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. The Proponent shall furnish the detailed report on emission, noise and vibration due to the operations of DG sets as proposed and the same shall be furnished to TNPCB before obtaining CTO and copy submitted to SEIAA-TN.
4. The PP shall furnish action plan for harnessing 50% solar energy or shall purchase 50% renewable green energy from TNEB to meet the energy requirement.
5. The PP shall ensure that at least 50% of the HVAC system runs on air cooling mechanism.
6. The PP shall adopt IGBC Net Zero Water System.
7. The proponent shall provide the solar canopies on the parking area as per the requirements at ground level.
8. The company shall have a well laid down environmental policy duly approved by the Board of Directors before obtaining EC.
9. The PP shall furnish NOC of Airport authority for Height Clearance (59.1m)
10. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
11. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
12. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
13. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN


14. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
15. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
16. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
17. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
18. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
19. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
20. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

Agenda No: 398 - 15

(File No: 10205/2023)

Proposed Construction of Residential Building with 470 dwelling units at Dr. Thomas Road in old T.S. no 6578 part, new T.S no 6578/2 part of Block No. 141, in T.Nagar Village, Chennai District, Tamil Nadu by M/s. Tamil Nadu by Urban Habitat Development Board - For Environmental Clearance. (SIA/TN/INFRA2/435906/2023, Dated: 29/05/2023)

The proposal was placed in this 398th meeting of SEAC held on 04.08.2023. The project proponent made a detailed presentation. The details of the project furnished by the proponent are available on the PARIVESH website (parivesh.nic.in).


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

Based on the document submitted and presentation made by the project t proponent along with the consultant, the following facts have emerged:

1. The environmental clearance is sought for "Residential Building (S+10 Floors) with 470 Dwelling Units at Dr. Thomas Road in T. Nagar Village, Chennai District by Tamil Nadu Urban Habitat Development Board."
2. M/s. ABC Techno Labs India Private Limited is the EIA Consultant for the project.
3. Total plot area of the project is 7351.65 sq.m and built-up area is 20,376.09 sq. m respectively.
4. Maximum number of floors will be 3 Blocks – S+10 and maximum height of the building will be 42 m.
5. Total Saleable DU's (dwelling units) is 470 units.
6. The project proposal falls under category- 8 (a) of EIA Notification 2006 (as amended).
7. Salient features of the project as submitted by the project proponent:

PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	7351.65	SQMT
2	Proposed Built Up Area	20,376.09	SQMT
3	Total no of Saleable DU's/Villas	470	No.
4	Max Height - (Height of tallest block)	42	M
5	No of Building Blocks (Residential + Community facilities)	3	
6	Max No of Floors	S+ 10	No.
7	Expected Population (1700 Employees + 170 Visitors)	2584	No.

8	Total Cost of Project	127.65	cr
9	Project Activity :	Residential Building (S+10 Floors) with 470 Dwelling Units at Dr. Thomas Road in T. Nagar Village, Chennai, Tamil Nadu.	
AREAS			
10	Permissible Ground Coverage Area (xx%) (Achieved FSI)	2.54 Residential plot coverage 46% against available 75%	SQMT
11	Proposed Ground Coverage Area (46%)	3381	SQMT
12	Permissible FAR Area (xxx)	22053	SQMT
13	Proposed FAR Area	18,698.71	SQMT
14	Other Non FAR Areas - including basement area etc.	1677.38	SQMT
15	Proposed Total Built Up Area	20,376.09	SQMT
WATER			
16	Total Water Requirement	328	KLD
17	Fresh water requirement	216	KLD
18	Treated Water Requirement	109	KLD
19	Wastewater Generation	282	KLD
20	Proposed Capacity of STP	300	KLD
21	Treated Water Available for Reuse	254	KLD
22	Treated Water Recycled	109	KLD
23	Surplus treated water to be discharged in Municipal Sewer with Prior permission	145	KLD
RAINWATER HARVESTING			



 MEMBER SECRETARY
 SEAC - TN


 CHAIRMAN
 SEAC- TN

24	Rainwater Harvesting - Recharge Pits	60	No.
PARKING			
25	Total Parking Required as / Building Bye Laws	517	ECS
26	Proposed Total Parking	517	ECS
27	Parking in Basements	517	ECS
GREEN AREA			
28	Proposed Green Area (Minimum 15.0% of plot area)	1108 (15.07%)	SQMT
	Total plot area	7351	sq.m
	Existing trees on plot	-	
	Number of trees to be planted	95	
	Number of trees to be transplanted/cut		
SOLID WASTE MANAGEMENT			
29	Total Solid Waste Generation	1233	KG/DAY
30	Organic waste	493	KG/DAY
31	Non-Biodegradable Waste	740	KG/DAY
32	Quantity of Sludge Generated from STP	28.21	KG/DAY
POWER / GREEN POWER			
33	Total Power Requirement	TANGEDCO tuned to 1650 kVA	KW
34	DG set backup	62.50 kVA	KVA
35	No of DG Sets	3	No.
36	Solar Panels – Roof Coverage	50 %	%


MEMBER SECRETARY
SEAC -TN

89


CHAIRMAN
SEAC- TN

		(Roof coverage = 1690 sq.m)	
37	Hot Water Requirement	At rate of 10 litre	25840
	Of which met by Solar Panels	14100 at rate of 300 litre per solar water heater	


8. Population details

S. No.	Description	Total Occupancy												
1	No of units	470												
2	At rate of 5 per unit	2584												
Total		2584												
EMP & CER														
EMP Cost	Operational Phase Capital cost - Rs. 96 Lakhs Recurring cost - Rs. 34 Lakhs													
CER Cost	Rs. 50 Lakhs.													
	<table border="1" style="width: 100%;"> <thead> <tr> <th>S.No.</th> <th>Corporate Environmental Responsibility Activity</th> <th>Amount (in lakhs)</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">CER to be utilized within the scheme area for the benefit of the allottees.</td> </tr> <tr> <td>1.</td> <td>Construction of library with study rooms</td> <td>50</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>50</td> </tr> </tbody> </table>		S.No.	Corporate Environmental Responsibility Activity	Amount (in lakhs)	CER to be utilized within the scheme area for the benefit of the allottees.			1.	Construction of library with study rooms	50	Total		50
S.No.	Corporate Environmental Responsibility Activity	Amount (in lakhs)												
CER to be utilized within the scheme area for the benefit of the allottees.														
1.	Construction of library with study rooms	50												
Total		50												

RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal as above and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:


Additional Conditions:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

1. The construction shall comply with Green Building norms and shall get minimum IGBC Silver rating.
2. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body /Metro Water/TWAD.
3. The Proponent shall furnish the detailed report on emission, noise and vibration due to the operations of DG sets as proposed and the same shall be furnished to TNPCB before obtaining CTO and copy submitted to SEIAA-TN.
4. The PP shall furnish action plan for harnessing 50% solar energy or shall purchase 50% renewable green energy from TNEB to meet the energy requirement.
5. The PP shall ensure that at least 50% of the HVAC system runs on air cooling mechanism.
6. The PP shall adopt IGBC Net Zero Water System.
7. The proponent shall provide the solar canopies on the parking area as per the requirements at ground level.
8. The company shall have a well laid down environmental policy duly approved by the Board of Directors before obtaining EC.
9. The PP shall furnish NOC of Airport authority for Height Clearance (59.1m
10. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
11. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
12. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.

13. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
14. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
15. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
16. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
17. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
18. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
19. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
20. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Annexure I

Standard Environmental Clearance Conditions prescribed by MoEF&CC for Construction Projects.

1. Statutory Compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawing of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation

Department shall be obtained, as applicable, by project proponents from the respective competent authorities.

9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 5. Sand, murrum, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.
 6. Wet jet shall be provided for grinding and stone cutting.
 7. Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.

8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water Quality Monitoring and Preservation:

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total freshwater use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the

project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharges should be limited to shallow aquifer.

14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring and Prevention:

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of Half Yearly Compliance Report (HYCR).
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

5. Energy Conservation Measures:

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.
4. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
5. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

6. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
7. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management:

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction

material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.

8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover:

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled

appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

5. A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of

components of the plan which involve the participation of these departments.

9. Human Health Issues:

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

10. Corporate Environment Responsibility:

1. The PP shall complete the CER activities, as committed, before obtaining CTE.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be

submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR).

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as

- prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
 7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.
 9. No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).
 10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 11. The Authority (SEIAA) may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 12. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
 13. The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.


Annexure-II

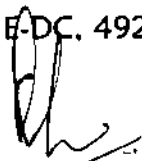
Agenda No: 398- 10

(File No: 10204/2022)

Proposed for Development of Industrial Park/SEZ over an extent of 489.04 Ha (1207.92 Acres) at S.F.Nos.463/1A1A, 463/1A1B etc., of Peruvalayam Village, S.F.Nos.302, 303, etc., of Nedumpuli Village, S.F.Nos.1/1, 4, etc., of Thuraiyur Village, S.F.Nos.2/1A, 2/1B, etc., of Agavalam Village (Annexure-II), Nemili Taluk, Ranipet District, Tamil Nadu by M/s. State Industries Promotion Corporation of Tamil Nadu Limited - For Terms of Reference (SIA/TN/INFRA2/434694/2023 Dated: 26.06.2023).

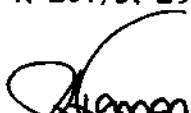
S.F.Nos: Peruvalayam village Survey Nos. :463/1A1A, 463/1A1B, 463/1A1C, 463/1A1D, 463/1A1E1, 463/1A1E2, 463/1A1E4, 463/1A1E5, 463/1A1E6, 463/1A1E7, 463/1A2, 463/1B1, 463/1B2, 463/1B3, 463/1B4, 463/1C, 463/1D, 463/1E, 463/1F, 463/1G, 463/2, 463/3, 463/4, 463/5, 463/6, 463/7, 463/8, 463/9, 463/11, 463/12, 463/13, 463/14, 463/15, 463/16, 481C/1A1, 481C/1A2, 481C/1A3, 481C/1A4, 481C/1B, 481C/1C1, 481C/1C2, 481C/1C3, 481C/1C4, 481C/1C5, 481C/2, 481C/3, 481C/4, 481C/5, 481C/6, 481C/7, 481C/8, 481C/9, 481C/10, 482/1A, 482/1B, 482/2A, 482/2B, 482/3, 482/4, 483/1, 483/2, 484B/1, 484B/2A, 484B/2B, 484B/2C, 484B/3A1, 484B/3B, 484B/4, 484B/5A, 484B/5B, 484B/5C, 484B/5D, 484B/5E, 484B/5F, 484B/5G, 484B/5H, 484B/5'I, 484B/5J, 484B/5K, 484B/5L, 484B/5M, 484B/5N, 484B/5'O', 484B/5P, 484B/5Q, 484B/5R, 484B/5S, 484B/5T, 484B/5U, 484B/6, 484B/7, 484B/8, 484B/9, 484B/10, 484B/11, 484B/12, 484B/13, 484B/14, 484B/15, 487/1, 487/2A, 487/2B, 487/3A, 487/3B, 488/1A, 488/1B, 488/1C, 488/1D, 488/1E, 488/1F, 488/1G, 488/1H, 488/1I, 488/1J, 488/1K, 488/1L, 488/1M, 488/1N, 488/1O, 488/1P, 488/1Q, 488/1R, 488/2, 489/1A, 489/1B, 490/1, 490/2A, 490/2B, 490/3A, 490/3B, 490/4A, 490/4B, 490/5A, 490/5B, 490/6A, 490/6B, 490/7, 490/9A-DC, 490/9B-DC, 490/9C-DC, 490/9D-DC, 490/9E-DC, 491/1, 491/2, 492/1, 492/2A1A, 492/2A1B, 492/2A1C, 492/2A1D, 492/2A1E, 492/2A2, 492/2A3, 492/2A4, 492/2A5, 492/2A6, 492/2A7, 492/3, 492/5, 492/6, 492/8A1-DC, 492/8A2- DC, 492/8A3-DC, 492/8A4-DC, 492/8A5-DC, 492/8A6-DC, 492/8A7-DC, 492/8A8-DC, 492/8A9- DC, 492/8A10-DC, 492/8B1A-DC, 492/8B1B-DC, 492/8B1C-DC, 492/8B1D-DC, 492/8B1E-DC, 492/8B1F-


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

DC, 492/8B1G-DC, 492/8B1H-DC, 492/8B2, 492/8B3, 499/1A, 499/1B, 499/2A, 499/2B, 499/3, 499/4A, 499/4B, 499/5, 499/6A, 499/6B, 499/7, 499/8, 500/1A1, 500/1A2, 500/1A3, 500/1A4, 500/1A5, 500/1A6, 500/1A7, 500/1A8, 500/1A9, 500/1A10, 500/1A11, 500/1A12, 500/1B, 500/1C, 500/1D, 500/1E, 500/1F, 500/1G, 500/1H, 500/1I, 500/1J, 500/1K, 500/1L, 500/1M, 500/1N, 500/1O, 500/1P, 500/1Q, 500/1R, 500/1S, 500/1T, 500/1U, 500/1V, 500/1W, 500/1X, 500/1Y, 500/1Z, 501/1A1, 501/1A2, 501/1A3, 501/1A4, 501/1A5, 501/1A6, 501/1A7, 501/1B1, 501/1B2, 501/1C, 501/1D, 501/1E, 501/1F, 501/1G, 501/1H, 501/1I, 501/1J, 501/1K, 501/1L, 501/1M, 501/1N, 501/1O, 501/1P, 501/1Q, 501/1R, 501/1S, 501/1T, 501/3, 501/4, 501/5, 501/6, 501/8A, 501/8B, 501/9, 501/11, 501/12, 501/13, 501/14, 502/1A, 502/1B, 502/1C, 502/1D, 502/2A1, 502/2A2, 502/2A3, 502/2A4, 502/2B, 502/2C, 502/2D, 502/2E, 502/3A1A, 502/3A1B, 502/3A1C, 502/3A1D, 502/3A1E, 502/3A1F, 502/3A1G, 502/3A2, 502/3B, 502/3C, 502/3D, 502/3E, 502/3F, 502/3G, 502/3H, 502/3I, 502/4A1A, 502/4A1B, 502/4A1C, 502/4A1D, 502/4A1E, 502/4A1F, 502/4A1G, 502/4A2, 502/4A3, 502/4B, 502/4C, 502/4D, 502/4E, 502/5A1, 502/5A2, 502/5B, 502/5C, 502/5D, 502/5E, 502/5F, 502/5G, 502/5H, 503/1A, 503/1B, 503/1C, 503/1D, 503/1E, 503/2A, 503/2B, 503/3A, 503/3B, 503/4A, 503/4B, 503/5A, 503/5B, 503/6, 503/7, 503/8, 503/9, 504/1, 504/2, 504/3, 504/4, 505/2, 505/3, 505/4, 550/1, 550/2, 550/3, 550/4A1, 550/4A2, 550/4B, 550/5, 551/1, 551/2, 551/3, 551/4, 551/5, 551/6A1, 551/6A2, 551/6A3, 551/6A4, 551/6B, 551/7A, 551/7B, 551/7C, 552/1, 552/2, 552/3, 552/4, 552/5, 552/6, 552/7A1, 552/7A2, 552/7B, 552/7C, 552/7D, 552/7E, 552/7F, 552/8A, 552/8B, 552/8C, 552/8D, 788/1, 788/3A, 788/3B, 788/3C, 788/3D, 463/1A1E3, 463/6, 463/10, 489/2, 490/8, 492/7, 788/2, 492/4 & 501/10.

Nedumpuli village Survey Nos.: 302,303, 304, 399/1, 399/2, 399/3, 399/4, 399/5, 399/6, 399/7, 399/8, 399/9, 400/1, 400/2, 401/1, 401/2, 401/3, 401/4, 402/1, 402/2, 402/3, 402/4, 402/5, 402/6, 402/7, 402/8, 403/1, 403/2, 403/3, 403/4, 403/5, 403/6, 403/7, 403/9, 294/1, 294/2A, 294/2B, 294/3, 295/1, 295/2, 295/3, 295/4, 296/1A1, 296/1A2, 296/1A3, 296/1F, 296/2, 296/3A, 296/3B, 296/4A, 296/4B, 296/5, 296/6, 296/7, 296/8, 296/9, 296/10, 296/11, 296/12, 296/13, 297/1A, 297/1B, 297/2, 297/3, 297/4, 297/5, 298/1, 298/2A, 298/2B, 298/2C, 298/2D, 298/3A, 298/3B, 298/3C,


MEMBER SECRETARY
SEAC -TN

106


CHAIRMAN
SEAC- TN

299/2, 299/3A, 299/3B, 299/3C, 300/1A, 300/1B, 300/2, 300/3, 301, 398/1, 398/3, 398/4, 398/5, 398/6, 398/7, 398/8, 404/1A, 404/1B1, 404/1B2, 404/1B3, 404/2, 405/1, 405/2, 405/3, 269/1, 269/2, 270, 271, 272, 273, 274, 276/1, 276/2, 276/3, 276/4, 277/1, 277/2, 277/3, 277/4, 277/5, 277/6, 277/7, 277/8, 277/9, 277/10, 277/11, 277/12, 278/1, 279/1, 279/2, 279/3, 279/4, 280, 281, 282, 283/1A, 283/1B, 283/1C, 283/1D, 283/1E, 283/1F, 283/1G, 283/2, 284/1A, 284/1B, 284/1C, 284/1D, 284/1E, 284/1F, 284/1G, 284/1H, 284/1'I', 284/1J, 284/1K, 284/2B, 285/1A1, 285/1A2, 285/1A3, 285/1B2, 285/2A1, 285/2A2, 285/2B2, 285/3, 285/4, 285/5, 285/6, 285/7, 285/8, 285/9, 254/1, 254/2A, 254/2B, 254/3, 254/4A, 254/4B, 254/4C, 255/1, 255/2, 256/1A1, 256/1A2, 256/1A3, 256/1A4, 256/1A5, 256/1A6, 256/1B1, 256/1B2, 256/1C1, 256/1C2, 256/1C3, 256/2A, 256/2B1, 256/2B2, 256/2B3, 256/2B4, 256/2B5, 256/2B6, 256/2B7, 256/2B8, 256/2B9, 256/2B10, 256/2B11, 256/2B12, 256/2B13, 256/2B14, 256/2B15, 256/2B16, 256/2B17, 256/2B18, 256/2B19, 256/2B20, 256/2B21, 256/2B22, 256/4A, 256/4B, 256/4C, 256/5A, 256/5B, 256/5C, 256/5D, 256/5E, 256/5F, 256/5G, 256/5H, 256/5'I', 264/1A1, 264/1B1, 264/2A, 264/2B, 264/3, 264/4, 264/5, 264/6, 264/7, 264/8, 264/9, 264/10, 264/11, 264/12, 265/1, 265/2, 265/3, 265/4, 265/5, 265/6, 265/7, 265/8, 266/1, 266/2, 266/3, 266/4, 266/5, 266/6, 266/7, 266/8, 266/9, 266/10, 267/1, 267/2, 267/3, 267/4, 267/5, 268/2A, 268/2B, 268/2C1, 268/2C2, 268/3, 268/4, 268/5, 268/6, 305/1A, 305/1B, 305/2A, 305/2B1, 305/2B2, 305/2B3, 305/3, 305/4, 305/5, 305/6, 305/7, 305/8, 305/9, 305/10, 305/11, 305/12, 305/13, 305/14, 305/15, 305/16, 305/17, 305/18, 305/19, 305/20, 305/21, 305/22, 305/23, 305/24, 305/25, 305/26, 305/27, 305/28, 305/29, 305/30, 305/31, 305/32, 305/33, 306/1A, 306/1B, 306/1C, 306/1D, 306/1E, 306/1F, 306/1G, 306/1H, 306/1'I', 306/1J, 306/1K, 306/1L, 306/1M, 306/1N, 306/1'O', 306/1P, 306/1Q, 306/1R, 306/1S, 306/2A, 306/2AA, 306/2AB, 306/2AC, 306/2AD, 306/2AE, 306/2AF, 306/2B, 306/2C, 306/2D, 306/2E, 306/2F, 306/2G, 306/2H, 306/2'I', 306/2J, 306/2K, 306/2L, 306/2M, 306/2N, 306/2'O', 306/2P, 306/2Q, 306/2R, 306/2S, 306/2T, 306/2U, 306/2V, 306/2W, 306/2X, 306/2Y, 306/2Z, 307/1, 307/2, 307/3, 307/4, 308, 309/1, 309/3A, 309/3B, 310/1, 311/1, 311/2, 311/3, 312/1, 312/2, 376/1A, 376/1B, 376/1C, 376/1D, 376/1E, 376/1F, 376/2, 376/3A, 376/3B, 376/3C, 376/3D, 376/3E, 376/3F, 376/4, 376/5, 377/1A, 377/1B, 377/1C, 377/1D, 377/1E, 377/1F, 377/1G, 377/2, 377/3,


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC - TN

378/2, 379/1, 379/3A, 379/3B, 379/3C, 379/3D, 379/3E, 379/3F, 379/3G, 379/3H, 379/3'I, 379/3J, 379/3K, 379/3L, 379/3M, 379/3N, 380/1, 380/2, 380/3, 380/4, 380/5, 380/6, 380/7, 380/8, 380/9, 380/10, 380/11, 380/12, 380/13, 380/14, 380/15, 380/16, 380/17, 370/1, 370/2A, 370/2B, 370/3A, 370/3B, 370/3C, 370/4, 370/6, 371/1A, 371/1B, 371/2, 371/3, 371/4, 372, 373/1A1, 373/1A2, 373/1A3, 373/1B1, 373/1B2, 373/1B3, 373/2A, 373/2B, 373/2C, 373/3A, 373/3B, 373/3C, 373/4, 373/5, 373/6, 373/7, 374/1, 374/2, 375/2A, 375/2B, 375/3, 407/1A, 407/1B, 407/1C, 407/2, 407/3, 407/4, 407/5A, 407/5B, 407/5C1, 407/5C2, 407/5D, 407/5E1, 407/5E2, 407/5E3, 407/6A, 407/6B, 407/6C, 407/6D, 407/6E, 407/6F, 407/6G, 407/7, 407/8, 407/9, 407/10, 407/11, 407/12, 407/13, 407/14, 407/15, 407/16, 407/17, 407/18, 317, 319/2, 319/3, 319/4, 363/1, 363/2A, 363/2B, 363/3, 363/4A, 363/4B, 364/1A1, 364/1A2, 364/1B1, 364/1B2, 364/2, 364/3, 365/1, 365/2, 365/3, 366/1A, 366/1B, 366/1C, 366/1D, 366/1E, 366/1F, 366/1G, 366/1H, 366/1'I, 366/1J, 366/1K, 366/1L, 366/1M, 366/2, 366/3A, 366/3B, 366/3C, 366/3D, 366/4A, 366/4B, 366/5A, 366/5B, 366/6, 366/7A, 366/7B, 366/7C, 366/7D, 366/7E, 366/7F, 366/7G, 366/7H, 366/7'I, 366/8A, 366/8B, 366/8C, 366/8D, 366/8E, 366/8F, 366/8G, 366/8H, 366/8'I, 366/8J, 366/8K, 366/8L, 366/9A, 366/9B, 366/10A, 366/10B, 366/10C, 367/1, 367/2A, 367/2B, 367/2C, 367/2D1, 367/2D2, 367/2D3, 367/2D4, 367/3A, 367/3B, 367/3C, 367/3D, 367/3E, 367/3F, 367/3G, 367/3H, 367/3'I, 367/3J, 367/3K, 367/3L, 367/3M, 367/3N, 367/3'O', 367/4, 367/6A, 367/6B, 367/6C, 367/6D, 368/2A, 368/2B, 369/1A, 369/1B, 369/2A, 369/2B, 369/2C, 406/1A, 406/1B, 406/1C, 406/1D, 406/1E, 406/2A, 406/2B, 406/2C, 406/2D, 406/2E, 406/2F, 406/2G, 406/3A, 406/3B, 406/3C, 406/3D, 406/3E, 406/3F, 406/3G, 406/3H, 406/4A, 406/4B, 406/4C, 406/4D, 406/4E, 320/1, 320/2, 320/3B, 320/4, 320/5, 320/6, 321, 322, 323, 324/1, 324/2, 324/3, 324/4, 325, 326/2A, 326/2B, 326/3, 326/4A, 326/4B, 326/5A, 326/5B, 326/6, 326/7, 326/8, 326/9, 326/10, 328/1, 328/2, 328/3, 328/4, 328/5, 328/6, 328/7, 359/1, 360/1, 360/3A, 360/3B, 360/3C, 360/3D, 361/1A, 361/1B, 361/1C, 361/2A, 361/2B, 361/2C, 361/2D, 361/3, 408/2, 409/2, 410/2, 410/3, 411/1, 411/2, 411/3, 412/2, 412/3, 413/1, 413/2, 413/3, 414/1, 414/2, 414/3, 414/4, 414/5, 414/6, 414/7, 414/8, 414/9, 414/10, 415/1, 415/2, 415/3, 415/4, 415/6, 415/7, 415/8, 415/9, 415/10, 416/3, 416/4, 416/5, 403/8, 309/4, 378/1, 319/5, 314/2A, 314/2B, 315/1, 315/2, 316, 368/1, 320/3A,


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

326/1, 398/2, 367/5, 314/3, 360/2, 275, 278/2, 313, 319/1, 370/5, 375/1, 318, 359/2, 299/1, 268/1, 309/2, 379/2, 314/1, 408/1, 409/1, 410/1, 410/4, 412/1, 415/5, 415/11, 416/1, 416/2, 416/6, 310/2 & 375/4.

Thuraiyur Village Survey Nos.: 1/1, 4, 5/1, 5/2, 5/3, 5/4, 5/5, 5/6, 5/7, 5/8, 5/9, 5/10, 5/11, 5/12, 6/1A2, 6/1B, 7/1, 7/2, 178/1, 178/2, 178/3, 180/1, 180/2, 181, 183/1A, 183/1B, 183/1C, 183/1D, 183/1E, 183/1F, 183/1G, 183/1H, 183/1I, 183/2B, 184/1, 184/2, 184/3, 184/4A, 184/4B, 188/1, 188/2A, 188/2B, 188/3, 188/4A, 188/4B, 189/1, 189/2A, 189/2B, 192/1, 192/2, 192/3, 192/4, 192/5, 192/6, 192/7, 192/8, 193/1, 193/2, 194, 247/1C, 247/1D1, 247/1D2, 247/1D3, 247/1E, 247/1F1, 247/1F2, 247/1F3, 247/1H, 247/1I, 247/1J, 247/1K, 247/1L, 247/1M, 247/1N, 247/1O, 247/1P1, 247/1P2, 247/1Q, 247/1R, 247/2A, 247/2B, 248/1A1, 248/1A2, 248/1B1A, 248/1B1B, 248/1B2A, 248/1B2B, 248/1B2C, 248/1B2D, 248/1B2E, 248/1B2F, 248/2A, 248/2B, 248/2C, 248/2D, 248/2E, 248/2F, 248/3B, 249, 250/1A, 250/1B, 250/2A, 250/2B, 251/1A, 251/1B, 251/1C, 251/2, 252/1, 252/2A, 252/2B, 253, 255, 256, 257, 185, 248/3A, 248/3C, 1/2, 2, 8, 179, 182, 183/2A, 254, 191, 3, 6/1A1 & 6/2.


Agavalam Village Survey Nos. : 2/1A, 2/1B, 2/1C, 2/1D, 2/1E, 2/1F, 2/1G, 2/1H, 2/1I, 2/1J, 2/1K, 2/1L, 3/1A, 3/1B1, 3/1B2, 3/1B3, 3/1C, 3/1D, 3/1E, 3/1F, 3/1G, 3/1H, 3/1I, 3/3, 3/5, 3/8, 5/1, 5/3A, 5/3B, 5/3C, 6/1, 6/2A, 6/2B, 6/2C, 6/2D, 6/2E, 6/2F, 6/2G, 6/2H, 6/2I, 6/2J, 6/2K, 6/2L, 6/2M, 6/2N, 6/2O, 6/2P, 7/1A1, 7/1A2, 7/1A3, 7/1A4, 7/1A5, 7/1A6, 7/1B1, 7/1B2, 7/1B3, 7/1B4, 7/1B5, 7/1B6, 7/1B7, 7/1B8, 7/1C1, 7/1C2, 7/1C3, 7/1C4, 7/2A1A, 7/2A1B, 7/2A1C, 7/2A1D, 7/2A2, 7/2B, 8/1, 8/2, 8/3, 8/4, 9/1A, 9/1B, 9/1C, 9/1D1, 9/1D2, 9/1D3, 9/2A, 9/2B, 9/2C, 9/2D, 9/2E, 9/2F, 9/2G, 9/2H, 9/2I, 10/1, 10/2, 10/3, 10/4, 10/5, 10/6, 10/7, 10/8, 10/9, 10/10, 10/11, 10/12, 10/13, 10/14, 10/15, 10/16, 10/17, 10/18, 10/19, 10/20, 10/21, 10/22, 10/23, 10/24, 10/25, 10/26, 10/27, 10/28, 10/29, 10/30, 10/31, 11/1A, 11/1B, 11/1C, 11/1D, 11/1E, 11/1F, 11/1G, 11/1H, 11/1I, 11/1J, 11/1K, 11/1L, 11/1M, 11/1N, 11/2A, 11/2B, 11/2C, 11/2D, 11/2E, 11/2F, 11/2G, 11/2H, 11/2I, 11/2J, 11/2K, 11/2L, 12/1A1, 12/1A2, 12/1B1, 12/1B2, 12/3A, 12/3B, 13/1, 13/3, 14/1A, 14/1B, 14/3A, 14/3B, 14/3C, 14/3D, 14/3E, 14/3F, 15/1, 15/2, 501/1A1, 501/1A2, 501/2, 501/3, 16/1, 16/2, 16/3, 16/4, 16/5, 16/6, 16/7, 16/8, 17, 18/1, 18/2, 18/3.

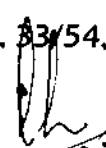

MEMBER SECRETARY
SEAC -TN

109

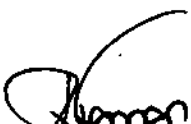

CHAIRMAN
SEAC- TN

18/4, 19/1A, 19/1B, 19/1C, 19/1D, 19/1E, 19/1F, 19/1G, 19/1H, 19/1'I', 19/3A, 19/3B, 19/3C, 19/3D, 19/3E, 19/3F, 19/3G, 19/3H, 19/3'I', 19/3J, 19/3K, 19/3L, 19/3M, 19/3N, 19/3'O', 19/3P, 19/3Q, 19/3R, 19/3S, 19/3T, 19/3U, 19/3V, 19/3W, 19/3X, 500/1A1, 500/1A2, 500/1A3, 500/1A4, 500/1A5, 500/1B1, 500/1B2, 500/1B3, 500/1B4, 500/1B5, 500/3A, 500/3B, 500/3C, 502/2A1, 502/2A2, 502/2B, 20/1, 20/3A, 20/3B, 20/3C, 20/3D1, 20/3E, 21/1A, 21/1B, 21/2B, 22/1A, 22/1B1, 22/1B2, 22/1B3, 22/1B4, 22/1C1, 22/1C2, 22/1C3, 22/1C4, 22/1D1, 22/1D2, 22/1D3, 22/1E1, 22/1E2, 22/1F, 22/1G, 22/2A, 22/2B, 22/2C, 23/1, 23/2, 23/3B, 23/4, 24/2A1, 24/2A2, 24/2A3, 24/2A4, 24/2B1, 24/2B2, 508/1A, 508/1B, 508/2A, 508/2B, 508/2C, 508/3, 509/1A, 509/1B, 509/1C, 509/2, 509/3, 509/4, 509/5, 511/1, 511/3, 26/1A, 26/1B, 26/1C, 26/1D, 26/1E, 26/1F, 26/1G, 26/1H, 26/1'I', 26/1J, 26/1K, 26/1L, 26/1M, 26/1N, 26/1'O', 26/1P, 26/1Q, 26/1R, 26/1S, 26/1T, 26/2, 26/4A5A, 26/4A5B, 26/4A6, 26/4B1, 26/4B2, 26/5, 27, 503/1A, 503/1B, 503/1C, 503/2A, 503/2B, 503/2C, 503/2D, 503/2E, 503/2F, 503/2G, 503/2H, 503/2'I', 503/2J, 503/2K, 510/1, 510/2, 25/1, 31/1, 31/3A, 31/3B, 31/4A, 31/4B, 31/4C, 31/5, 31/6A, 31/6B, 31/7, 504/1A, 504/1B, 504/1C, 504/1D, 504/1E, 504/1F, 504/1G, 504/1H, 504/1'I', 504/1J, 504/1K, 504/1L, 504/3, 505/1A1, 505/1A2, 505/1A3, 505/1A4, 505/1C1, 505/1C2, 505/1C3, 507/1A, 507/1B, 507/3A, 507/3C, 507/3D1, 507/3D2, 507/3D3, 507/3D4, 507/3D5, 507/3D6, 507/3D7, 507/3D8, 507/4, 507/5, 507/6, 507/7, 507/8, 507/9, 507/10, 507/11, 507/12, 507/13, 507/14, 507/15, 507/16, 507/17, 507/18, 507/19, 507/20, 507/21, 507/22, 507/23, 507/24, 507/25, 507/26, 507/27, 507/28, 507/29, 507/30, 507/31, 28/2, 28/3, 28/4A, 28/4B, 28/4C, 28/4D, 28/4E, 28/4F, 28/4G, 28/4H, 28/4'I', 28/4J, 28/4K, 28/4L, 28/4M, 28/4N, 28/4'O', 28/4P, 28/4Q, 28/4R, 28/4S, 28/4T, 28/4U, 28/4V, 28/4W, 28/4X, 28/4Y, 28/4Z, 28/4AA, 28/4AB, 28/4AC, 28/4AD, 28/4AE, 28/4AF, 28/4AG, 28/4AH, 28/5A1, 28/15, 28/16, 28/17, 28/18, 28/19, 28/20, 28/21, 28/22, 28/23, 28/24, 28/25, 28/26, 28/27, 28/28, 28/29, 28/5B1, 28/5B2, 28/5B3, 28/5B4, 28/5B5, 28/5B6, 28/5B7, 28/5B8, 28/5B9, 28/5B10, 28/5B11, 28/5B12, 28/5B13, 28/5B14, 29, 33/1A1, 33/3, 33/4, 33/5, 33/6, 33/7, 33/8, 33/9, 33/10, 33/11, 33/12, 33/13, 33/14, 33/15, 33/16, 33/17, 33/18, 33/19, 33/20, 33/21, 33/22, 33/23, 33/24, 33/25, 33/26, 33/27, 33/28, 33/29, 33/30, 33/31, 33/32, 33/33, 33/34, 33/35, 33/36, 33/37, 33/38, 33/39, 33/40, 33/41, 33/42, 33/43, 33/44, 33/45, 33/46, 33/47, 33/48, 33/49, 33/50, 33/51, 33/52, 33/53, 33/54, 33/55.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

33/56, 33/57, 33/58, 33/59, 33/60, 33/61, 33/62, 33/63, 33/64, 33/65, 33/66, 33/67, 33/68, 33/69, 33/70, 33/71, 33/72, 33/73, 33/74, 33/75, 33/76, 33/77, 33/78, 33/79, 33/80, 33/81, 33/82, 33/83, 33/84, 33/85, 33/86, 33/87, 33/88, 33/89, 33/90, 33/91, 33/92, 33/93, 33/94, 33/95, 33/96, 33/97, 33/98, 33/99, 33/100, 33/101, 33/102, 33/103, 33/104, 33/105, 33/106, 33/107, 33/108, 33/109, 33/110, 33/111, 33/112, 33/113, 33/114, 33/115, 33/116, 33/117, 33/118, 33/119, 33/120, 33/121, 33/122, 33/123, 33/124, 33/125, 33/126, 33/127, 33/128, 33/129, 33/130, 33/131, 33/132, 33/133, 33/134, 33/135, 33/136, 33/137, 33/138, 33/139, 33/1A7, 33/1A8, 33/1B1, 33/1B2, 33/1C1, 33/1C2, 33/2A, 33/2B, 32/1, 32/2A, 32/2B1, 32/2B2, 32/2B3, 32/2B4, 32/2B5, 32/2B6, 32/2B7, 32/2B8, 32/2B9, 32/2B10, 32/2C, 32/2D, 32/3, 35/1, 35/2A, 35/2B, 35/3A, 35/3B, 35/3C, 35/3D, 35/3E, 35/3F, 35/3G, 36/1, 36/2, 37/1, 37/2A, 37/2B, 37/3A, 37/3B, 37/3C, 37/4, 37/5, 37/6, 37/7, 37/8, 37/9, 37/10, 37/11, 37/12, 37/13, 37/14, 37/15, 37/16, 37/17, 37/18, 37/19, 37/20, 37/21, 37/22, 37/23, 37/24, 37/25, 37/26, 37/27, 37/28, 37/29, 37/30, 37/31, 37/32, 37/33, 37/34, 37/35, 37/36, 37/37, 37/38, 37/39, 37/40, 37/41, 37/42, 37/43, 37/44, 37/45, 37/46, 37/47, 37/48, 37/49, 37/50, 37/51, 37/52, 37/53, 37/54, 37/55, 37/56, 38/1, 38/2, 38/3, 38/4, 38/5, 38/6, 38/7, 38/8, 38/9, 38/10, 38/11, 38/12, 38/13, 38/14, 38/15, 39, 40/1, 40/2, 4, 13/2, 502/1, 21/2A, 23/3A, 24/1, 511/2, 1, 3/2, 3/4, 3/6, 3/7, 2/2, 5/2, 12/2, 14/2, 19/2, 500/2, 502/2A3, 20/2, 26/3, 25/2, 31/2, 504/2, 505/1B, 505/2, 507/2, 33/1C3, 35/4, 30, 501/1B & 34.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Appendix - I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	வில்வம்
2	<i>Adenaanthera pavonina</i>	Manjadi	மஞ்சாடி, ஆனைக்குன்றிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாதை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aathi	ஆத்தி
7	<i>Bauhinia tomentos</i>	Iruvathi	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Pumai	புள்ளை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon sweitenia</i>	Purasamaram	புரச மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நருவளி
18	<i>Creteva adansoni</i>	Mavalingum	மாவினங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உவா
21	<i>Diospyro sebumum</i>	Karungali	கருங்காலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kalltchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆற்றுப்பூங்க
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயா மரம், ஆயிலி
27	<i>Lannea coromandelica</i>	Odhiam	ஒடியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	வில்வ மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பிசின்பட்டை
32	<i>Madhuca longifolia</i>	Illuppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழமரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுணா
38	<i>Phoenix sylvestre</i>	Eachai	எச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்

MEMBER SECRETARY
SEAC - TN

112

CHAIRMAN
SEAC - TN

40	<i>Premna mollissima</i>	Munnai	முள்ளை
41	<i>Premna serratifolia</i>	Narumunnai	நடு முள்ளை
42	<i>Premna tomentosa</i>	Malaiipoovarasu	மலை பூங்க
43	<i>Prosopis cinerea</i>	Vanni maram	வள்ளி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேண்டாங்க
46	<i>Pterospermum xylocarpum</i>	Polavu	புலவு
47	<i>Putterlickia roxburghii</i>	Karipala	கரிபலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊதா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புகள் சோபுகாய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Strobilus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தளம் கெட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாண்ட்ரி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேனி மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Purvarasu	பூங்க
59	<i>Walsuratrifoliata</i>	valsura	வால்சூரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்பழி


 MEMBER SECRETARY
 SEAC - TN


 CHAIRMAN
 SEAC- TN

Appendix -III


Display Board

(Size 6' x5' with Blue Background and White Letters)

-----காரங்கம்

காரங்கங்களில் சுவாசி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கிழகம் உட்பட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEAW, தேதி, செயல்பாடு, சுற்றுச்சூழல் அனுமதி தேதி வரைய செல்லத்தக்கதாக உள்ளது.

பகலும் பழுதி வரவுச்சரி செயல்பாடுகளுக்கான அனுமதி திட்டம்	சுவாசியின் எல்லைமைப் சுற்றி வேலி அமைக்க வேண்டும்
	அனுமதிப்படிமத்தின் ஆழம் தளமட்டத்திலிருந்து பிட்டக்கு மிகாமல் இருக்க வேண்டும்.
	சுற்றுநிலை மாசு ஏற்படாதவாறு அங்கு பாசிகளை வெட்டுவதற்கான வேண்டும்.
நடவடிக்கை முடிவடைந்த பின்னர் செயல்பாடு	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீர் முறையாக தண்ணீர் வரிகளின் மூலமாக அகப்படுவது தெரிக்க வேண்டும்.
புறநகரில் செயல்பாடுகளை மேற்கொள்ளும் அனுமதிக்காக:	இடைக்கால அனுமதியும் ஓரிடம் செயல்பாட்டிற்கும் சுவாசியின் எல்லைமை சுற்றி அடர்த்தியான பகலும் பழுதியை ஏற்படுத்த வேண்டும்.
அனுமதிக்காக வேலி அமைக்கப்படுவது திட்டமிடப்படும் ஏற்படாதவாறு மத்தும் சுற்றும் புறக்காதுகளுக்கும் பாதுகாப்பு நடவடிக்கைகளை உடனடியாக செயல்படுத்தப்பட வேண்டும்.	
அனுமதிக்காக இருந்து ஏற்படும் இடைக்கால அனுமதி (IMA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை வெட்டுவதற்கான வேண்டும்.	
அங்கு சட்ட விதிகள் நடைமுறை அனுமதிக்காக உடனடியாக பாதுகாப்புக்கு தகுந்த பாதுகாப்பு கட்டுவதற்கான வழங்குவதற்கான கட்டணங்களை வழங்குவதற்கான வேண்டும்.	
மிகாமல் அல்லது பழுதானது வரிகளை வாகனங்கள் செல்லும் சாலைமை தெரிந்து நல்ல புறநகரில் வேண்டும்.	
அனுமதிப்படிமத்தின் அளவில் உடனடியாக பாசிகள் மத்தும் நித்திரைகளை பாதுகாப்பாக வைக்க வேண்டும்.	
நித்திரைகளை பாதுகாப்பாக வைக்க வேண்டும் இருப்பது உடனடியாக வேலியில் திட்டமிட நிதித் தரத்திற்கான தெரிந்து வைக்க வேண்டும்.	
அனுமதிக்காக இருந்து வரிகளை எடுத்துச் செல்லும் மிகாமல் கட்டணங்களுக்கு அந்தக் கிழகத்தினால் ஏற்படுத்தாதவாறு பாதுகாப்பாகவும் மத்தும் சுற்றுச்சூழல் பாதுகாப்பாக வாகனங்கள் வாகனங்களை இயக்க வேண்டும்.	
அனுமதிப்படிமத்தின் முடிக்கப்பட்டவுடன் அங்கு மூடல் திட்டத்தில் உடனடியாக அனுமதிக்கான முடி வேண்டும்.	
அங்கு நடவடிக்கைகளை முடிக்கப்படும் அனுமதி மத்தும் அங்கு நடவடிக்கைகளை இடைக்கால ஏற்படக்கூடிய வேறு ஏற்றுப் பழுதியை மத்தும் மத்தும் செல்லும் தரவரிகளை விடாமல் ஆகியவற்றின் வரவுச்சரிக்கு ஏற்ற வகையில் பாதுகாப்பாக வைக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அடைய பாதிக்கிறது (http://parivahanic.in) என்கிற இணையதளத்திற்கு பாதுகாப்பாகவும் மேலும் கத்திரி சுற்றுச்சூழல் சந்திரைகளுக்கு செல்லையில் உடனடியாக சுற்றுச்சூழல் மத்தும் வாகன அனுமதிக்காக ஒழுங்கமைந்த கட்டண அனுமதியை: 04 - 28227325 (அல்லது) குடிநீர் மத்தும் மாசு கட்டுப்பாடு வாரியத்தின் மத்தும் சுற்றுச்சூழல் செயல்பாடுகளுக்கான அனுமதி.	


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN