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ENVIRONMENTAL CLEARANCE

PARIVESH (Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), Tamil Nadu)

To,

The Assistant Vice President Techanical
SHRIRAM PROPERTIES LIMITED
Lakshmi Neela Rite Choice Chamber,
1st Floor, New No. 9, Bazullah Road, T. Nagar -600017

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/TN/MIS/268786/2022 dated 21 Apr 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B038TN125506**
2.	**File No.**	9200
3.	**Project Type**	New
4.	**Category**	B2
5.	**Project/Activity including Schedule No.**	8(a) Building and Construction projects
6.	**Name of Project**	Construction of Residential Cum Commercial Building Complex
7.	**Name of Company/Organization**	SHRIRAM PROPERTIES LIMITED
8.	**Location of Project**	Tamil Nadu
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 15/12/2022

(e-signed)
Thiru.Deepak S.Bilgi
Member Secretary
SEIAA - (Tamil Nadu)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

सत्यमेव जयते

THIRU.DEEPAK S.BILGI, I.F.S.
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY-TAMILNADU
3rd Floor, Panagal Maaligai,
No.1, Jeenis Road, Saidapet,
Chennai - 600 015.
Phone No. 044-24359973
Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F.No.9200/EC/8(a)/877/2022 dated:01.11.2022

Sir,

Sub: SEIAA, TN- Environmental Clearance - Proposed Construction of Residential Cum Commercial Building Complex in S.F. Nos. 399/1A, 399/1B, 399/1C, 399/1D, 399/1E, 399/1F, 399/3B, 418/1A, 418/1B, 418/1C & 418/1D2 of Kuthambakkam Village, Poonamallee Taluk, Thiruvallur District by M/s. Shriram Properties Limited - For Environmental Clearance under Category "B" and Schedule Sl. No. 8 (a) – Building and Construction Projects- Issued - Regarding.

Ref:
1. Online Proposal No. SIA/TN/MIS/268786/2022 Dated 21.04.2022
2. Your application for Environmental Clearance dated: 27.04.2022
3. Minutes of the 299th Meeting of SEAC held on 23.07.2022
4. Minutes of the 544th Meeting of SEIAA held 25.08.2022.
5. Minutes of the 321st Meeting of SEAC held on 14.10.2022
6. Minutes of the 566th Meeting of SEIAA held 01.11.2022

*****

This has reference to your application 1st& 2nd cited, the proposal is for obtaining Environmental Clearance to Construction of Residential Cum Commercial Building Complex by M/s. Shriram Properties Limited under Category "B" and Schedule S.No. 8(a) under the Environment Impact Assessment Notification, 2006, as amended.

The Competent Authority and Authorized Signatory furnished the detailed information in Form 1, Form 1A and liquidate enclosures are as Annexures:

MEMBER SECRETARY
SEIAA-TN

Annexure 1

<table>
<tr><th>S. No</th><th>Description</th><th>Details</th></tr>
<tr><td>1.</td><td>Name of the Project</td><td>Proposed Construction of Residential Cum Commercial Building Complex by M/s. Shriram Properties Limited</td></tr>
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<tr><td>6.</td><td>Built up area</td><td>Proposed total built-up area – 1,07,973 Sq.m</td></tr>
<tr><td>7.</td><td>Cost of Project</td><td>Rs. 265.85 crores</td></tr>
<tr><td>8.</td><td>Brief description of the project</td><td>The total built up area - 1,07,973 Sq.m in 36,174.00 Sq. m. of plot area.
Detailed Built Up Area Statement
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<tr><td>2</td><td>Tower 2</td><td>S+13 floors</td><td>12,660</td><td>117</td></tr>
<tr><td>3</td><td>Tower 3</td><td>B+S+13</td><td>15,050</td><td>143</td></tr>
</table>
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</table>

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			floors		
		4	Tower 4	B+S+13 floors	15,050	143
		5	Tower 5	S+13 floors	12,660	117
		6	Tower 6	B+S+13 floors	16,941	169
		7	Tower 7	B+S+13 floors	21,113	208
		8	Club House	B+G+2 floors	1,097	_
		9	Shop / Commercial	S+4 floors	1,798	_
		10	Other Utilities	-	2,180	_
		Grand total			**1,07,973 Sq.m**	**1.053 Nos.**
9.	a) Water requirement KLD	During Operation				
10.		Total water requirement – 750 kLD Fresh water requirement – 485 kLD Treated Water requirement – 265 kLD				
11.	Quantity of Sewage KLD	Sewage Generation – 633 KLD Treated Generation – 633 KLD				
13.	Details of /Sewage Treatment Plant Mode of Disposal of treated sewage with quantity	1.	Waste Water			
		2.	Bar screen			
		3.	Equalization Tank			
		4.	Aeration Tank - I			
		5.	Aeration Tank - II			
		6.	Tube Sattler			

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SEIAA-TN

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>7.</td><td>Chemical Doging</td></tr>
<tr><td>8.</td><td>Clarified tank</td></tr>
<tr><td>9.</td><td>Treated Water Tank</td></tr>
<tr><td>10.</td><td>Sludge Holding</td></tr>
<tr><td>11.</td><td>Filter Press</td></tr>
<tr><td>12.</td><td>Dry Sludge Disposal</td></tr>
<tr><td>13.</td><td>Saperated Water</td></tr>
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Greenbelt development – 19 KLD</td></tr>
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<tr><td>Bio degradable solid waste</td><td>2,001 Kg / day</td><td>Treated in Organic waste converter and compost used as manure for gardening</td></tr>
<tr><td>Non-Biodegradable solid waste @ 60%</td><td>1,334 Kg/day</td><td>Handed over to local body / Authorized recyclers</td></tr>
<tr><td>STP Sludge</td><td>75 Kg/day</td><td>After drying used as manure for greenbelt development</td></tr>
</table>
</td></tr>
<tr><td>16.</td><td>Power requirement</td><td>5,000 KVA from Tamil Nadu Generation & Distribution Corporation</td></tr>
<tr><td>17.</td><td>Details of D.G. set with Capacity</td><td>Proposed
1Nos. of 250 kVA nos . proposed with stack height of 45 above the ground level and 4 nos. of 400 KVA capacity DG sets proposed with stack height of 46 above the ground level</td></tr>
<tr><td>18.</td><td>Details of Green Belt Area</td><td>5,426 sq.m</td></tr>
</table>

MEMBER SECRETARY
SEIAA-TN

<table>
<tr><td></td><td></td><td></td></tr>
<tr><td>19.</td><td>Details of Parking Area</td><td>Parking Details
<table>
<tr><th rowspan="2">Parking location</th><th colspan="2">Car parking</th><th colspan="2">Two Wheeler parking</th></tr>
<tr><th>No of car parks</th><th>Area (Sq.m)</th><th>No of two wheeler parks</th><th>Area (Sq.m)</th></tr>
<tr><td>Surface parking</td><td>173</td><td>2,163</td><td>898</td><td>1,617</td></tr>
<tr><td>Stilt parking</td><td>340</td><td>4,250</td><td>91</td><td>164</td></tr>
<tr><td>Basement parking</td><td>423</td><td>5,288</td><td>88</td><td>159</td></tr>
<tr><td>Total parking provided</td><td>936 nos</td><td>11,701 Sq.m</td><td>1,077 nos</td><td>1,940 Sq.m</td></tr>
<tr><td>Total parking required as per CMDA norms</td><td>910 nos</td><td>11,375 Sq.m</td><td>1,053 nos</td><td>1,895 Sq.m</td></tr>
</table></td></tr>
<tr><td>20.</td><td>Provision for rain water harvesting</td><td>Total Rainwater Runoff – 1954 cum per day
No of recharge pits - 55nos.</td></tr>
<tr><td>21.</td><td>EMP Cost (Rs.)</td><td>Construction Phase:
Capital Expenses: Rs. 19.34 lakhs
Operational Expenses: Rs. 31.17 lakhs
Operation Phase:
Capital Expenses: Rs. 124.52 lakhs
Operational Expenses: Rs. 20.06 lakhs</td></tr>
<tr><td>22.</td><td>CER activities with the specific allocation of funds</td><td>Rs. 3.90 Crores</td></tr>
</table>

Annexure 2- Affidavit

M/s.Shriram Properties Limited, represented by its Authorized Signatory,having office atLakshmi Neela Rite Choice Chamber, 1st Floor, New No. 9, Bazullah Road, T. Nagar, Chennai – 600017developsResidential Cum Commercial Building Complex at S. F. No. 399/1A, 1B, 1C, 1D, 1E, 1F, 3B, 418/1A, 1B, 1C & 1D2 of Kuthambakkam Village, PoonamalleeTaluk, Thiruvallur District.

MEMBER SECRETARY
SEIAA-TN

We commit to the SEIAA that the daily fresh water requirement to the tune of 485 KLD for domestic purpose (483 KLD) and Swimming Pool (2 KLD) during the entire period of operation for the project will be met from the Local Body/Tankers Supply as mentioned in our application. The necessary concurrence letterin this regard has been obtained from Local Body.

The treated sewage from the project will be recycled for the toilet flushing (246 KLD), Gardening (19 KLD). The excess Treated sewage (368 KLD) will be utilized through avenue plantation within the local body limits. The necessary concurrence letter in this regard has been obtained from Kuthambakkam Village Panchayat.

We commit to SEIAA that 1.5% of the Project cost id earmarked for Corporation Environment Responsibility (CER) activities and the CER funds will be utilized as follow:

S.No	CER Activity Proposed	Budgetary Allocation (INR in Crores)
1	Fund towards habitat improvement of Bird Sanctuaries in Ramanadhapuram District	2.50
2	Infrastructure Creation & Improvement Activities proposed for Government Schools around the Project locality • Upgradation of library • Renovation of Existing Play Ground & Toilets • Greenbelt development • Rainwater harvesting	1.40
Total Allocation (1.5% of the project cost)		3.90 crores

In addition to that, we are submitting herewith the affidavit in Rs. 100/- stamp paper attested by notary and the copy of presentation made to SEAC for your reference. We request you to kindly accept the above details and do the needful for issuing Environmental Clearance for our project at the earliest. The receipt of this letter may kindly be acknowledged.

The estimated solid waste generation from our project during operation is about3,410 Kg/day, in which 2001 Kg/day is Bio-degradable waste, will be Treated in Organic Waste Converter and compost used as manure for gardening. The Non-Bio degradable waste of 1,334 Kg/day will be handed over to Local Body/Authorized Recyclersfor disposal and the STP sludge (75 Kg/day) generated from the Sewage

MEMBER SECRETARY
SEIAA-TN

Treatment Plant will be used as manure for gardening and landscaping after dewatering, drying and treating it in Organic Waste Converter. We shall dispose the solid waste as committed above without polluting the soil/ground water/adjacent canals/lakes/ponds etc.

We commit to the SEIAA that M/s. Shriram Properties Limitedwill be liable for operation and maintenance of Sewage Treatment Plant (STP) for 10 years from the date of operation of the project, subject to the consent and approval of the occupants (residents) of the project.

We commit to the SEIAA that our storm water drain/trench will not carry any untreated (or) treated sewage generated from our project.

We commit to SEIAA that 1.5 % of the project cost (Rs. 3.9 Crores) is earmarked for CER activities subject to the provisions of Office Memorandums on taking up Environmental Management Plan (EMP) activities in lieu of Corporate Environmental responsibility (CER) dated 30.09.2020 & 25.02.2021. The CER funds will be utilizedtowards habitat improvement of 5 Bird Sanctuaries in Ramanadhapuram District and Infrastructure Creation & Improvement Activities proposed for Government Schools around the Project locality

We commit to SEIAA that the enclosed photographs of the site were taken on 03rdday of August 2022. This photograph has been attested by me. It truly depicts the status of the site as on 03rd day of August 2022.

I am aware that I can be prosecuted under relevant Act and Rules, if I do not adhere to the above commitment.

Commitment signed by me on04th day of August 2022, as an Authorised signatory of the Project Proponent.

SEAC Recommendations:

Proposed Construction of Residential Cum Commercial Building Complex in S.F. Nos. 399/1A, 399/1B, 399/1C, 399/1D, 399/1D, 399/1E, 399/1F, 399/3B, 418/1A, 418/1B, 418/1C & 418/1D2 of Kuthambakkam Village, Poonamallee Taluk, Thiruvallur District by M/s. Shriram Properties Limited for Environmental Clearance (SIA/TN/MIS/268786/2022 Dated 21.04.2022)

The proposal was placed in this 321st Meeting of SEAC held on 14.10.2022. 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 made the following observations:

1. The Project/activity under category "B2" of Item 8(a)- "Building and Construction Projects" of the Schedule to the EIA Notification 2006.

MEMBER SECRETARY
SEIAA-TN

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MEMBER SECRETARY
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		6	Tower 6	B+S+13 floors	16,941	169
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		8	Club House	B+G+2 floors	1,097	_
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MEMBER SECRETARY
SEIAA-TN

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MEMBER SECRETARY
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		provided	**nos**	**Sq.m**	**nos**	**Sq.m**	
		Total parking required as per CMDA norms	910 nos	11,375 Sq.m	1,053 nos	1,895 Sq.m	
18.	Provision for rain water harvesting	Total Rainwater Runoff – 1954 cum per day No of recharge pits - 55nos.					
19.	EMP Cost (Rs.)	Construction Phase: Capital Expenses: Rs. 19.34 lakhs Operational Expenses: Rs. 31.17 lakhs Operation Phase: Capital Expenses: Rs. 124.52 lakhs Operational Expenses: Rs. 20.06 lakhs					
20.	CER activities with the specific allocation of funds	Rs. 3.90 Crores					

Earlier, this proposal was placed in the 299th Meeting of SEAC held on 23.07.2022. Based on the presentation made and documents furnished by the project proponent, SEAC decided **to recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions, in addition to standard conditions stipulated by MOEF &CC:

1. The building shall conform to minimum of IGBC Gold green building norms and shall obtain IGBC certificate in this regard before obtaining CTO from TNPCB.
2. 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.
3. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body for before obtaining CTO.
4. The project proponent shall provide STP and treated water shall be utilized for flushing, green

MEMBER SECRETARY
SEIAA-TN

belt and avenue plantation after obtaining necessary permission from competent Authority.

5. The PP shall adopt BOT contract so that the STP is maintained by the builder of STP for a minimum period of 10 years.
6. The treated/untreated sewage water shall not be let-out from the unit premises.
7. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor within the project site as committed and non- bio-degradable waste to should be sent to authorized recyclers as committed.
8. The height of the stacks of DG sets shall be provided as per the CPCB norms.
9. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc, to TNPCB before obtaining CTO.
10. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
11. The sludge generated from the sewage treatment plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
12. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
13. The green belt area should not be less than 20% of the total area. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **Appendix**, in consultation with the State Forest and Horticulture Departments. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
14. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
15. The proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.

MEMBER SECRETARY
SEIAA-TN

16. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
17. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
18. No waste of any type to be disposed of in any other way other than as per the concerned regulations in force.
19. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in air, noise, solid waste disposal, sewage treatment & disposal etc., shall be followed strictly.
20. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
21. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring of the health of construction workers during COVID and post-COVID period.
22. The project proponent shall measure the criteria air pollutants data (including CO) due to vehicular traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
23. Generation of the solar/renewable energy should not be less than 50% of total energy utilization and ensure that the entire roof of the building. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
24. The grant of this E.C. is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
25. 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 include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
26. The Project Proponent stated that an amount Rs. 3.90 crore shall be spent as CER. The amount of Rs. 2.50 Crores shall be spent for the habitat improvement of 5 Bird Sanctuaries in

MEMBER SECRETARY
SEIAA-TN

Ramanathapuram District and Rs. 1.40 crore shall be spent for infrastructure creation & improvement activities proposed for Government Schools around the project locality, before obtaining CTO from TNPCB.

Subsequently, this proposal was placed in the 544th Authority meeting held on 25.08.2022. The authority noted that this proposal was placed for appraisal in this 299th meeting of SEAC held on 23.07.202. SEAC has furnished its recommendations to the Authority for granting the Environmental Clearance to the project subject to the conditions stated therein. After detailed discussion, the Authority decided to request the Member Secretary SEIAA-TN to refer back the proposal to SEAC-TN stating the following reasons,

I. The PP shall furnish details about the space allocated for children's play Ground.
II. The PP shall furnish the details of STP area and waste water disposal.
III. The PP shall provide the details of space allocated for Indoor games, Gym and community hall.
IV. The PP shall provide visitor's parking area details and the vehicles should not be parked in the Road. The place of parking of vehicles coming to commercial building complex to be indicated.
V. The PP shall furnish detailed revised EMP.

Now, the PP had submitted the reply as sought by the Authority vide letter dt:10.10.2022. Hence, the subject was placed for reappraisal in this 221st Meeting of SEAC held on 14.10.2022. The Project proponent made a presentation along with the clarifications for the above shortcomings observed by the SEIAA. The committee carefully examined the points raised by SEIAA and the replies given by the PP and **decided to reiterate its recommendation already made** in 299th Meeting of SEAC held on 23.07.2022. All other conditions stipulated in the earlier minutes will remain unaltered.

MEMBER SECRETARY
SEIAA-TN

Appendix -I
List of Native Trees Suggested for Planting

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

MEMBER SECRETARY
SEIAA-TN

40	*Premna mollissima*	Munnai	முன்னை
41	*Premna serratifolia*	Narumunnai	நறு முன்னை
42	*Premna tomentosa*	Malaipoovarasu	மலை பூவரசு
43	*Prosopis cinerea*	Vanni maram	வன்னி மரம்
44	*Pterocarpus marsupium*	Vengai	வேங்கை
45	*Pterospermum canescens*	Vennangu, Tada	வெண்ணாங்கு
46	*Pterospermum xylocarpum*	Polavu	புலவு
47	*Putranjiva roxburghi*	Karipala	கரிபாலா
48	*Salvadora persica*	Ugaa Maram	உகா மரம்
49	*Sapindus emarginatus*	Manipungan, Soapukai	மணிப்புங்கன் சோப்புக்காய்
50	*Saraca asoca*	Asoca	அசோகா
51	*Streblus asper*	Piray maram	பிராய் மரம்
52	*Strychnos nuxvomic*	Yetti	எட்டி
53	*Strychnos potatorum*	Therthang Kottai	தேத்தான் கொட்டை
54	*Syzygium cumini*	Naval	நாவல்
55	*Terminalia belleric*	Thandri	தான்றி
56	*Terminalia arjuna*	Ven marudhu	வெண் மருது
57	*Toona ciliate*	Sandhana vembu	சந்தன வேம்பு
58	*Thespesia populnea*	Puvarasu	பூவரசு
59	*Walsuratrifoliata*	valsura	வால்சுரா
60	*Wrightia tinctoria*	Veppalai	வெப்பாலை
61	*Pithecellobium dulce*	Kodukkapuli	கொடுக்காப்புளி

SEIAA Recommendations

The proposal was placed in this 566th Authority meeting held on 01.11.2022. Earlier, this proposal was placed in the 554th Authority meeting held on 25.08.2022. The authority noted that this proposal was placed for appraisal in the299th meeting of SEAC held on 23.07.2022 and SEAC decided to recommend the issue of Environmental Clearancesubject to certain conditions stated therein. After detailed discussion, the Authority decided to request the Member Secretary SEIAA-TN to refer back the

MEMBER SECRETARY
SEIAA-TN

proposal to SEAC-TN for the certainconditions stated therein. Now, the Authority noted that this proposal was placed for reappraisal in the321st meeting of SEAC held on 14.10.2022 and SEAC decided to reiterate its recommendation already madein 299th meeting of SEAC held on 23.07.2022.After detailed discussions, the Authority accepted the recommendation of SEAC and decided to **grant of Environmental Clearance** subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:

1. As accepted by the Project proponent the revised CER cost is Rs. 3.90 crore and the amount of Rs. 2.50 Crores shall be spent for the habitat improvement of 5 Bird Sanctuaries in Ramanathapuram District and Rs. 1.40 crore shall be spent for infrastructure creation & improvement activities proposed for Government Schools around the project locality, before obtaining CTO from TNPCB.
2. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
3. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
4. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
5. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
6. All the materials used for the construction of Buildings shall be energy efficient and conform to the green building norms and not result in climate changes. The PP shall ensure that carbon neutral building.
7. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.
8. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
9. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.

MEMBER SECRETARY
SEIAA-TN

10. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
11. The project proponent shall adhere to height of the buildings as committed.
12. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.
13. The activities should in no way cause emission and build-up Green House Gases. All actions to be ecofriendly and support sustainable management of the natural resources within and outside the campus premises. Cost effective technologies to be used to reduce GHG emissions.
14. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
15. The proponent shall ensure that provision should be given for proper utilization of recycled water.
16. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building. The building should not result in degradation of thermal environment, change in wind pattern & orientation.
17. All the Buildings shall be energy efficient and confirm to the green building norms.
18. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
19. The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.
20. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area. The building should be zero carbon and should have strategies for carbon mitigation.
21. Lighting systems should be energy efficient and building should be climate smart with advanced building façade.
22. The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.
23. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.
24. The project proponent shall ensure to provide adequate elevated closed 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

MEMBER SECRETARY
SEIAA-TN

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.

25. The proponent shall provide the emergency exit in the buildings.
26. The proponent shall provide elevator as per rules CMDA/DTCP.
27. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.
28. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.
29. The project proponent shall adhere to storm water management plan as committed.

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases:

1. Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2. The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.
3. The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water

MEMBER SECRETARY
SEIAA-TN

Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.

5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8. The Regional Office of the Ministry located at Chennai 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.
9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
11. The conditions will 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, the Public Liability Insurance Act, 1991, along with their amendments ,draft Minor Mineral Conservation & Development Rules , 2010 framed under MMDR Act 1957,National Commission for protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.
12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
13. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

MEMBER SECRETARY
SEIAA-TN

14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM_{10}, $PM_{2.5}$, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.
15. The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.
16. The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
17. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.
18. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.
20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
21. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
22. The Project Proponent has to provide adequate number of rain water harvesting pits to recover and reuse the rain water during rainy days as committed.
23. The project activity should not cause any disturbance & deterioration of the local bio diversity.
24. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.

MEMBER SECRETARY
SEIAA-TN

25. All the assessed flora & fauna should be conserved and protected.
26. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
28. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)
29. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
31. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
33. The safety measures proposed in the report should be strictly followed.
34. The project proponent shall carryout CER activity as committed as per MoEF & CC O.M F.No.22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 before obtaining CTO from TNPCB.

Part - B – Specific Conditions – Pre construction phase:

1. **The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.**
2. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
3. **A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.**

MEMBER SECRETARY
SEIAA-TN

4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.
5. All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.
6. Design of buildings should be in conformity with the Seismic Zone Classifications.
7. The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
8. No construction activity of any kind shall be taken up in the OSR area.
9. Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.
10. The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.
11. The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.
12. The project proponent shall ensure the entry of basement shall be above maximum flood level.
13. The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details
    i. Location of STP, compost system, underground sewer line.
    ii. Pipe Line conveying the treated effluent for green belt development.
    iii. Pipe Line conveying the treated effluent for toilet flushing
    iv. Water supply pipeline
    v. Gas supply pipe line, if proposed
    vi. Telephone cable
    vii. Power cable
    viii. Strom water drains, and
    ix. Rain water harvesting system, etc. and it shall be made available to the owners
14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.

MEMBER SECRETARY
SEIAA-TN

17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Firefighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

Part - C - Specific Conditions – Construction phase:

1. **Construction Schedule:**
   i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.
2. **Labour Welfare:**
   i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
   ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.
   iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.
3. **Water Supply:**
   i) The entire water requirement during construction phase may be met from private tankers
   ii) Provision shall be made for the housing labour within the site with all necessary infrastructures 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.
   iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion

MEMBER SECRETARY
SEIAA-TN

trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.

iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.

v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor based control.

4. Solid Waste Management:

i) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.

ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.

iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.

iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.

v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

5. Top Soil Management:

i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

6. Construction Debris disposal:

i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.

ii) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

MEMBER SECRETARY
SEIAA-TN

7. **Diesel Generator sets:**

i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.

ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.

iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.

8. **Air & Noise Pollution Control:**

i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.

ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.

iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.

iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.

v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.

9. **Building material:**

i) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.

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SEIAA-TN

ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.

iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.

10. Storm Water Drainage:

i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.

ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.

11. Energy Conservation Measures:

i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.

ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.

iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.

iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.

v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.

vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

12. Fire Safety:

i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.

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ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.

13. Green Belt Development:

i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.

ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCPapproval.

iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.

14. Sewage Treatment Plant:

i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.

ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.

iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.

iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.

v) The project proponent has to ensure the complete recycling of treated Sewage &Effluent water after achieving the standards prescribed by the CPCB.

vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.

15. Rain Water Harvesting:

i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.

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SEIAA-TN

ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.

iii) The Project Proponent has to provide adequate number of rain water harvesting pits to recover and reuse the rain water during rainy days as committed.

iv) The project activity should not cause any disturbance & deterioration of the local bio diversity.

16. Building Safety:

Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.

Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project:

1. There should be Firefighting plan and all required safety plan.
2. Regular fire drills should be held to create awareness among owners/ residents.
3. Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
5. Solar energy saving shall be increased to atleast10% of total energy utilization.
6. The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.
7. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually
8. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
11. The project activities should in no way disturb the manmade structures.

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SEIAA-TN

12. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
13. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.
16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
17. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.
18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
19. It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
21. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
22. Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986.

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The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.

23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
24. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.
25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
26. The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.
27. 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.
28. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
29. The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.

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Copy to:

1. The Principal Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.

4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ), 34,HEPC Building, 1st& 2ndFloor, Cathedral Garden Road, Nungambakkam, Chennai - 34.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
6. The District Collector, Thiruvallur District.
7. Stock File.

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

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Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.