

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

Minutes of 320<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) held on 13.10.2022 September 2022 (Thursday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects.

**Agenda No: 320-01**

**(File No: 7312/2019)**

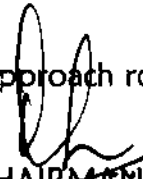
Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu by M/s. L&T South City Projects Pvt. Ltd. Eden Park Township Phase 2 - For Environmental Clearance (SIA/TN/MIS/128573/2019, dated 05-12-2019)

The proposal was placed in 320<sup>th</sup> SEAC meeting held on 13.10.2022. 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. L&T South City Projects Pvt. Ltd has applied for Environmental Clearance for the Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal involves construction of residential building with a total built up area of 1,03,865.38 Sq.m and the total no. of dwelling units is 676 Nos.
4. Earlier this proposal was placed in 310<sup>th</sup> SEAC meeting held on 14.09.2022. Based on the presentation made by the proponent, SEAC decided to call for additional details
  1. Document pertaining to the OSR already allocated.
  2. Document regarding handing over the OSR to the local body.
  3. Details regarding the development carried out in the OSR already allocated.
  4. Plan for development of OSR.
  5. Consent from SIPCOT to use the SIPCOT road as approach road for

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC - TN

the proposed construction.

6. Submit the revised EMP including Solar which must cover a minimum of 50% of the roof top area.
7. The Reduced Level (RL) of the nearby lake and the RL of the proposed site shall be submitted.

Based on the reply furnished by the PP, the proposal was again placed in this 320th SEAC meeting held on 13.10.2022.

The PP submitted a letter stating request for change in the consultant vide letter dated: 29.09.2022. Based on the request, committee accepted the proponent's request and the EIA Coordinator of M/s. Hubert Enviro Care Systems, Chennai made a presentation.

Based on the presentation and document furnished by the proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions in addition to normal conditions stipulated by MOEF&CC.

1. The project proponent must create a rain water harvesting pond in the land allocated for OSR.
2. The project proponent shall obtain IGBC Gold rating for the construction project.
3. The project proponent shall maintain minimum 15% green belt as committed.
4. The proponent shall provide Bio Methanation plant within project site for bio-degradable waste and shall dispose the non- Biodegradable waste to authorized recyclers as committed.
5. The PP shall adopt air cooling HVAC system instead of water cooling system.
6. PP shall ensure that DG sets are run on green energy sources instead of Diesel.
7. The height of the stacks of DG sets shall be provided as per the CPCB norms.
8. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
9. 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 shall be let out of the premise.

10. 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.
11. 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 DFO, State Agriculture University and local school/college authorities. 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.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing 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.
13. The unit shall ensure the compliance of land use classification fit for construction.
14. 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.
15. 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.
16. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.

17. 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.
18. 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.
19. No waste of any type to be disposed of in any other way other than the approved one.
20. 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.
21. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
22. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
23. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
24. Solar energy should be at least 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
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 adhere the EMP as committed.
26. As accepted by the Project Proponent the CER cost is Rs.177 lakhs and the amount shall be spent for the activities as committed by the proponent which shall include
27. A community hall at Chepauk – Rs. 50Lakhs.
28. A Community Hall for Irular Community at Kuzhmedu at Palaverkkadu.

Tiruvallur District & Maintenance for 5years.

**Agenda No. 320-02**

(File No: 226/2021)

Proposed Constructed Medical College & Hospital Buildings at S.F. No. 35/1,2,3,63/2,64/1A & 182 in Numbal village, Ambattur Taluk, Tiruvallur District Tamil Nadu by M/s. A.C.S. Medical College & Hospital – Environmental clearance under violation notification dated: 08.03.2018 of MoEF & CC – Regarding.

(SIA/TN/MIS/225908/2021 Dt. 22.8.2021)

Earlier, the proposal was placed in the 247th SEAC Meeting held on 18.2.2022. 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. A.C.S. Medical College & Hospital has applied for Environmental Clearance for the Construction of Hospital in S.F. No. 35/1,2,3,63/2,64/1A & 182 in Numbal village, Ambattur Taluk, Tiruvallur District Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction project" of the Schedule to the EIA Notification, 2006.
3. The Proponent was issued with ToR under violation category vide Letter No. SEIAA-TN/F.No.226/Violation/ToR-821/2020 dated: 23.11.2020.

Based on the presentation made by the proponent and the documents furnished, the Committee requested the PP to furnish the following additional details;

1. Last 3 year turnover details including COVID period.
2. Details of existing bore wells located inside the unit's premises with qualitative and quantitative analysis.
3. Contour study shall be conducted in respect of rain water harvesting through IIT/Anna University and submit the report to SEIAA.
4. Performance study of the existing STP, ETP and medical waste disposal system by Anna University, Department of CES.

Further the SEAC has decided to constitute a subcommittee for onsite inspection and on the receipt of subcommittee's report and additional details sought, this subject will be taken up for consideration.

**INSPECTION PROCEEDINGS:**

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC - TN

A subcommittee comprising the following members was constituted by SEAC to inspect and study the field condition of the proposal seeking Environmental Clearance in Numbal Village, Ambattur Taluk & Tiruvallur District, Tamil Nadu.

Thiru. R. Thangaprakasam, Member/SEAC

Thiru. K. Kumar, Member/SEAC

The sub-committee visited ACS Medical College & Hospital on 18.05.2022.

### OBSERVATIONS OF THE SUBCOMMITTEE:

#### I. Main Issues:

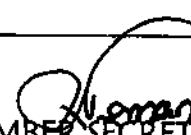
- The violation at ACS Medical College is construction of Medical College, Hospital and other Buildings without any Environmental Clearance.
- Detailed examination of the relevant documents including the plan approved by CMDA revealed that the total buildup area of the project stands at 78103.58 sq.m as detailed below:

Sr. No	Block Name	Floor	Parking Area, Sq.m	FSI Area, Sq.m	Total Built-up Area, Sq.m
1	College Block	Ground Floor		5,578.03	5,578.03
		First Floor		5,430.23	5,430.23
		Second Floor		4,399.78	4,399.78
		Third Floor		4956.02	4956.02
2	Girls Hostel	Ground Floor		783.10	783.10
		First Floor		783.10	783.10
		Second Floor		783.10	783.10
		Third Floor		783.10	783.10
3	Nurse Quarters	Ground Floor		560.41	560.41
		First Floor		560.41	560.41
		Second Floor		560.41	560.41
		Third Floor		560.41	560.41

  
MEMBER SECRETARY  
SEAC -TN

CHAIRMAN  
SEAC- TN

4	Staff Quarters	Ground Floor		442.26	442.26
		First Floor		442.26	442.26
		Second Floor		442.26	442.26
		Third Floor		442.26	442.26
5	Hospital Block I	Ground Floor		3646.59	3646.59
		First Floor		3416.39	3416.39
		Second Floor		3416.39	3416.39
6	Hospital Block II	Ground Floor		3416.39	3416.39
		First Floor		3416.39	3416.39
		Second Floor		3416.39	3416.39
7	Canteen Shed	Ground Floor		509.58	509.58
8	Mortuary Shed	Ground Floor		390.97	390.97
		First Floor		390.97	390.97
		Second Floor		390.97	390.97
		Third Floor		390.97	390.97
9	Residential Quarters	Ground Floor		814.26	814.26
		First Floor		814.26	814.26
		Second Floor		814.26	814.26
		Third Floor		814.26	814.26
10	Auditorium	Ground Floor		5040	5040
11	Boys Hostel	Ground Floor		1681.11	1681.11
		First Floor		1681.11	1681.11
		Second Floor		1681.11	1681.11
		Third Floor		1681.11	1681.11

  
 MEMBER SECRETARY  
 SEAC -TN

  
 CHAIRMAN  
 SEAC -TN

12	Dental Block	Basement Floor	3065.52		3065.52
		Ground Floor		3149.08	3149.08
		First Floor		3087.60	3087.60
		Second Floor		3197.45	3197.45
13	Watchmen Shed	Ground Floor		9.05	9.05
14	Store	Ground Floor		34.12	34.12
15	Connecting Corridor	Ground Floor		168.46	168.46
16	Temple 1	Ground Floor		5.22	5.22
17	Staff Toilet	Ground Floor		9.08	9.08
18	EB Shed	Ground Floor		16.72	16.72
19	Temple	Ground Floor		14.82	14.82
20	EB Shed 2	Ground Floor		15.84	15.84
Total Area,Sqm.			3065.52	75038.06	78103.58

## II. Site Inspection & Observations:

- All the buildings mentioned above are constructed from 2006 and presently functioning as a full fledged medical college with Hospital.
- All the environment management facilities like STP, ETP, maintenance of green belt, utilization of Terrance for solar water heater, handling of Diesel for (Genset) power generation, solid waste management, rainwater harvesting, handling of Bio medical waste etc., are maintained in this campus.
- As requested by SEAC, a performance study of the existing STP, ETP and medical waste disposal system is entrusted with Anna University Department of CES and report is awaited.
- Contour study also entrusted with ANNA UNIVERSITY and report is awaited.
- Details of borewells inside the premises with Qualitative and Quantitative analysis report is also awaited. Thiruverkadu corporation has consented



to provide water supply on completion of the water supply scheme. As on date borewell water and conveyed water through lorries are used to fulfill the requirement of the institution.

- The treated water from the STP is stagnating near the boundary of the college. This may cause health issue. Hence, it is essential to drain out the water to the nearby road side storm water drain/drainage.
- The food waste is used for generating Bio-gas and utilised for cooking purpose in the canteen.
- Greenery development is made along the road side.

### III. Recommendations:

- As per MOEF & CC notification S.O No.1030(E), dt.08.03.2018, the project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by Expert Appraisal Committee for Category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited prior to the grant of environmental clearance and released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan and after recommendation by regional office of the Ministry, Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee and approval of the Regulatory Authority.
- The project proponent has proposed to provide a earthen drain along the roadside for a length of 1.50km from project site to Coovam river to drain storm water. It will enhance the draining the storm water from the surroundings. In addition to the above, the treated STP water stagnating near the compound wall of the College shall be drain out to the nearby road side storm water drain.
- In the present case, the remediation plan at a cost of Rs.71.22 Lakhs plus Rs.18.78 Lakhs totally Rs.90.00 Lakhs seems to be appropriate and may be considered.

In view of the recommendations of the sub-committee and the reply submitted by the

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

proponent, the proposal was placed for appraisal in this 320<sup>th</sup> SEAC meeting held on 13.10.2022. The proponent gave a detailed presentation incorporating the details/queries raised during 247<sup>th</sup> SEAC meeting.

The SEAC assessed the project based on ecological damage, remediation plan and natural & community resource augmentation plan prepared and submitted by the NABET consultant on behalf of the proponent as per the guidelines mentioned in the MoEF & CC Notifications dated: 14.03.2017 and 08.03.2018. The extract from the report is as follows:

**1. Ecological Damage Assessment & Remediation plan**

S.No	Ecological Damage Assessment	Remediation Plan	Cost	
			Amount Spent (in Lakhs)	Amount to be spent (in Lakhs)
1	Loss of top soil in the construction area.	<ul style="list-style-type: none"> <li>Top Soil was stored in earmarked area and utilized in greenbelt area.</li> <li>There is no loss of top soil observed in the project site</li> </ul>	7.1	-
2	Loss of Vegetation and habitats	<ul style="list-style-type: none"> <li>The site was vacant land. Only ground shrubs were removed during the construction activity.</li> <li>18.05 % of plot area (31.849 Sq.m) is earmarked for greenbelt development</li> <li>476 Nos. of trees are planted in the earmarked area.</li> </ul>	10	-
3	Changing/ diverting course of natural drainage	<ul style="list-style-type: none"> <li>Drainage system without altering the contour i.e., from the South West boundary towards the North East boundary is laid.</li> <li>No change in topography after the development</li> </ul>	2.43	-

4	Loss of area for ground water recharging (due to loss of area used for construction and paving of the areas).	<ul style="list-style-type: none"> <li>• 40 nos. of recharge pits are constructed along the drain as rainwater harvesting system.</li> <li>• No groundwater abstraction is carried out and water will be sourced through private tankers/local body.</li> <li>• Maintenance of storm water drain and recharge pit will be spent within a year after EC is accorded.</li> </ul>	6.7	-
5	Dust/Particulate matter emissions from loading/unloading of building material and pollution caused by vehicles transporting building material.	<ul style="list-style-type: none"> <li>• Stacking of all the construction materials was confined within the select areas of the project site.</li> <li>• Frequent sprinkling of water on the road surfaces and on other areas where dust arises due to material handling.</li> <li>• Vehicles hired for bringing construction material were maintained in good operable condition and conform to air and noise emission standards prescribed by TNPCB/CPCB.</li> <li>• The vehicles were operated only during non-peak hours at site resulting in minimal vehicular emissions.</li> </ul>	4.5	-
6	Noise emissions from the equipment/machinery	<ul style="list-style-type: none"> <li>• Personal Protective Equipment say helmets, mufflers etc., to the maintenance team.</li> <li>• DG sets were installed with acoustic enclosures to maintain the noise levels.</li> <li>• Maintenance of DG sets will be spent within a year after EC is accorded.</li> </ul>	4.63	0.5
Total Amount			35.36	0.5

## Natural Resources Augmentation Plan

S.No	Natural Resources Augmentation Plan	Cost
		Amount spent (in lakhs)
1	<b>Soil conservation:</b> <ul style="list-style-type: none"> <li>The site during acquisition was vacant with ground shrubs.</li> <li>The contour levels were mostly uniform with gentle slope of 1/230.</li> <li>The ground level was raised to match with the existing road level.</li> <li>The excavated soil excluding the top soil was fully utilized for backfilling and level rising within the project premises.</li> <li>Green belt with trees of native species consists of adequate spacing is planted in to prevent the soil erosion.</li> </ul>	2.5
2	<b>Water Conservation:</b> Water conservation fixtures like aerators, sensors are installed to reduce the water conservation.	1.14
3	<b>Energy conservation measures:</b> <ul style="list-style-type: none"> <li>LED's has been installed for lighting the common areas and street lighting.</li> <li>12 Solar water heaters installed each capacity is 200 litres.</li> </ul>	8
4	<b>Recycling of Waste:</b> <ul style="list-style-type: none"> <li>Construction debris was used for raising the level within the project.</li> <li>Organic waste converter (OWC) installed for treating the biodegradable waste.</li> <li>Manure is being utilized for green belt development within the project premise which improves the soil fertility.</li> </ul>	2.704
	<b>Total Amount</b>	<b>14.344</b>

## 2. Community Resource Augmentation Plan

<b>Community Resource Augmentation Plan</b>	<b>Cost (Rs. Lakhs)</b>
Water conservation in the project: Installation of overhead tank along with dual plumbing system. Recycling of sewage for toilet flushing and greenbelt development.	21.516
<b>Total Amount</b>	<b>21.516</b>

### Level of damage assessment based on SEAC Classification

As per SEAC level of Damage falls under 3 categories:

#### 1. Low level Ecological damage:

- Only procedural violations (started the construction at site without obtaining EC)

#### 2. Medium level Ecological damage:

- Procedural violations (started the construction at site without obtaining EC)
- Infrastructural violation such as deviation from CMDA/local body approval
- Non operation of the project (not occupied).

#### 3. High level Ecological damage:

- Procedural violations (started the construction at site without obtaining EC)
- infrastructural violation such as deviation from CMDA/local body approval.
- Under Operation (occupied).

<b>Level of Damages</b>	<b>Ecological Remediation Cost (% of project cost)</b>	<b>Natural Resource Augmentation Cost (% of project cost)</b>	<b>Community Resource Augmentation Cost (% of project cost)</b>	<b>ECR (% of project cost)</b>	<b>Total (% of project cost)</b>
Low level Ecological	0.25	0.10	0.15	0.25	0.75

Damage					
Medium level Ecological Damage	0.35	0.15	0.25	0.5	1.25
High level Ecological Damage	0.50	0.20	0.30	1.00	2.00

As per SEAC classification the damage is assessed and found it is procedural violations (started the construction at site without obtaining EC) and also Under Operation (occupied) hence, it is a **High-level Ecological damage** category.

Total Project cost – 71.7235 Crores

Hence total cost of Ecological remediation, Natural Resource Augmentation and community Resource Augmentation cost is Rs.71.72 lakhs (ie., 1% of total project cost and for CER activities another 71.72 Lakhs (ie., 1 % of the total project cost) is recommended.

**Corporate Environmental Responsibility:**

The fund allocated for corporate environmental responsibility is Rs.71.72Lakhs which will be handed over to the Environmental Management Authority (EMAT) and Rs.50 lakhs will be spent towards building Community Hall.

The SEAC observed that **Proposed (Constructed) Medical College & Hospital Buildings** at S.F. No. 35/1,2,3,63/2,64/1A & 1B2 in Numbal village, Ambattur Taluk, Tiruvallur District, Tamil Nadu by M/s. A.C.S. Medical College & Hospital is categorized under the “**High level ecological damage category**”. The Committee decided to **recommend the proposal to SEIAA for grant of Environmental Clearance** subject to the following conditions in addition to the normal conditions:

1. As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, “The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or

by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority and the bank guarantee shall be deposited.

2. Accordingly, the amount prescribed for Ecological remediation (Rs.35.86 lakh), natural resource augmentation (Rs.14.344 lakh) & community resource augmentation (Rs. 21.516 lakhs ), totaling Rs. 71.72 lakh. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 71.72 lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit acknowledgment of the same to SEIAA-TN. The funds shall be utilized for the ecological damage remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report
3. The proponent shall obtain fresh water supply commitment letter and disposal of excess treated sewage from local body before obtaining CTO
4. The project proponent shall provide sewage treatment plant as proposed and treated water shall be utilized for flushing and green belt as proposed. The excess treated water shall be utilized for Avenue plantation after obtain necessary permission from local body.
5. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non-Biodegradable waste to authorized recyclers as committed.
6. The height of the stacks of DG sets shall be provided as per the CPCB norms.
7. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. To TNPCB before obtaining CTO.
8. 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.
9. 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.
10. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.

11. 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-I, in consultation with the DFO, State Agriculture University. 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.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spaces 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
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. 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.
15. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans boundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
16. No waste of any type to be disposed of in any other way other than the approved one.
17. 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.
18. 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.
19. The project proponent shall provide a medical facility, possibly with a medical




officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.

20. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
21. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
22. That 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.
23. 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.
24. The proposed CER amount of Rs. 200 lakh shall be spent as committed before the issue of Environmental Clearance.
25. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
26. The proponent shall furnish the detail about the built-up area for all the buildings with floor wise to TNPCB every year along with the compliance report for the Environmental Clearance.
27. Any violations and subsequent suitable action may be decided by SEIAA, as deemed appropriate, if arises.

**Agenda No: 320-03**

**(File No: 3162/2021)**

**Expansion of Existing Information Technology Park at S.F.Nos.240(P), 248(P) & 249(P) of Siruseri Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu by M/s. Hexaware Technologies Limited - For Environmental Clearance. (SIA/TN/MIS/210123/2021, dated: 26.04.2021)**

  
MEMBER SECRETARY  
SEAC - TN

  
CHAIRMAN  
SEAC - TN

Earlier, the proposal was placed for appraisal in this 217<sup>th</sup> meeting of SEAC held on 06.07.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Hexaware Technologies Limited, has applied for Environmental Clearance for the proposed Construction of Information Technology Park at S.F. Nos. 240(P), 248(P) & 249(P) of Siruseri Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. TOR issued Vide Letter No. SEIAA-TN/F.No.3162/Violation/ToR-920/2021 dated: 16.03.2021

The Committee decided to recommend the proposal to SEIAA for grant of EC subject to the additional details sought from the proponent and the conditions stated therein.

Based on the reply obtained from the proponent, the proposal was placed in 551<sup>st</sup> authority meeting held on 19.09.2022. The authority noted that the proponent has donated the cost allocated for CER activities to Environmentalist Foundation of India (EFI) for carrying out the committed CER activities.

The Authority, after detailed discussions, decided to refer back the proposal to SEAC for the following:

- i) The proponent shall give explanation on what grounds EFI (a NGO) was chosen for carrying out the proposed CER activities.
- ii) The proponent has not furnished the following:
  - a) Details on the works/activities carried out with proofs for the same.
  - b) Audit report for the activities carried out.

In view of this, now the proposal was placed for re-appraisal in this 320<sup>th</sup> meeting of SEAC held on 13.10.2022. The Project proponent made a presentation along with the clarifications for the above points observed by the SEIAA.

The committee carefully examined the points raised by SEIAA and the replies given by the PP and **decided to reiterate recommend the recommendation already made in 217<sup>th</sup> SEAC meeting held on 6.7.2021.**

**Agenda No: 320-04**

**(File No: 7776/2020)**

**Proposed For Manufacturing of MS Billets And TMT Rods at S.F. Nos. 478/1, 478/2, 478/3, 478/4A, 479/1, 479/2A, 480/1 & 480/2 of Varappatti Village, Suler Taluk, Coimbatore District, Tamil Nadu by M/s. Meenakshi Steel Re Rollers- For Environmental Clearance. (SIA/TN/IND/72815/2020 Dt. 02.03.2022)**


The proposal was placed in this 320<sup>th</sup> SEAC Meeting held on 13.10.2022. 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. Meenakshi Steel Re Rollers has applied for Environmental Clearance for the Proposed For Manufacturing of MS Billets And TMT Rods at S.F.Nos. 478/1, 478/2, 478/3, 478/4A, 479/1, 479/2A, 480/1 & 480/2 of Varappatti Village, Suler Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 3(a) "Metallurgical Industries (Ferrous & Non - Ferrous)" of the Schedule to the EIA Notification, 2006.
3. ToR issued Letter No.SEIAA-TN/F.No.7776(3a)/ToR-833/2020 Dated:08.02.2021.
4. Public Hearing conducted on Dated 23.11.2021.

Based on the presentation & documents furnished, SEAC decided to ask for the following details,

1. PP shall increase the area of tree planting by including area earmarked for future expansion but now left vacant.
2. The PP shall furnish the exact distance of the project location from CEPI area and shall discuss the applicability of CEPI area.
3. The PP shall furnish commitment letter from the local body for supply of water.
4. The PP shall revise the product details.
5. The PP shall furnish detailed explanation on Air Pollution control measures to be installed.
6. The PP shall revise EMP and CER.
7. The PP shall submit an affidavit for executing activities like imparting skill development training to the nearby village people and

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

employing them in the plant (75% of employees employed should be of from local population), as committed during public hearing.

8. The PP shall explore the possibilities of producing 50% of its total energy consumption through renewable energy like solar.
9. The PP shall revise material balance.
10. The PP shall furnish details on sorting of scrap, mechanism used, details on reject etc.,
11. The PP shall explore the possibilities of latest technology, hood arrangement etc. to reduce Air pollution,
12. The PP shall explore the possibility of using gas based fuel instead of diesel for DG set.

**Agenda No: 320-05**

**(File No: 8721/2021)**


**Proposed Construction of Residential Building at S.F. Nos. 17/3A1, 17/3A2, 17/3B, 18/1, 18/2, 18/3A, 18/3C, 18/4B & 21/7 of Potheri, Chengalpattu Taluk, and Chengalpattu District, Tamil Nadu by M/s P Dot G Constructions Private Limited - For Environmental Clearance. (SIA/TN/MIS/213607/2021 Dt. 31.05.2021)**

The proposal was placed in this 320<sup>th</sup> SEAC Meeting held on 13.10.2022. 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/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

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*

  
MEMBER SECRETARY  
SEAC -TN

*decision may have been taken in accordance with the Orders/ Rules prevailing prior to 7th July, 2021."*

Based on the presentation & documents furnished, since the PP has constructed G+4 floors already without obtaining EC and has also not applied during the window period, this has to be treated as violation case. Hence SEAC decided to issue 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. Copy of the village map, FMB sketch and "A" register shall be furnished.
2. The PP shall furnish Commitment letter from competent authority for supply of water.
3. 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. The PP shall explore the option of installing STP on "BOT" basis to ensure its proper maintenance for 10 years.
5. The PP shall explore the possibilities of IGBC Gold rating.
6. The PP shall explore the possibility of using gas based fuel instead of diesel for DG set.
7. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
8. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.

9. 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.
10. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
11. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
12. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
13. Details of the Rain water harvesting system with cost estimation should be furnished.
14. 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.
15. 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.
16. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates 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.
17. 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.

18. 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.
19. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.
20. The proposal for utilization of at least 25% of Solar Energy shall be included in the EIA/EMP report.
21. 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 in the CER and furnish the details.

**Agenda No: 320-06**

**(File No: 9218/2022)**

**Proposed Expansion of Residential Development at S.F. Nos. 36/16B2 of Perungudi Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by M/s Jain Housing and Constructions Ltd- For Expansion of Environmental Clearance. (SIA/TN/MIS/262899/2022 Dt. 25.03.2022)**

The proposal was placed in this 320<sup>th</sup> SEAC Meeting held on 13.10.2022. 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/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
2. EC was issued to the project vide Letter No.SEIAA/TN/F.1573/EC/8(a)/249/2013 Dated:04.03.2014.
3. Amendment was issued to the project vide Letter No. SEIAA-TN/F.No.1573/EC/8(a)/249/Amend-/2013 dated: 11.12.2020.
4. Now the PP has applied Expansion for change in Dwelling Units from 804 to 906 and the Total Plot Area and Built Up Area remain unaltered.

S. No	Description	
1.	Name of the Project	Proposed Residential Complex by M/s. Jain Housing & Construction Limited.
2.	Location	S.F.No. 36/16B2, Perungudi Village, Sholinganallur Taluk, Chennai District, Tamil Nadu
3.	Type of Project	8(a) – Construction Project – EC – Expansion
4.	Latitude & Longitude	12° 58'05.74"N 80° 14'19.35"E
5.	Total Plot/land Area (in sq. m)	20,234.11 Sq. M
6.	Built up area	1,19,202.19 Sq. M
7.	Cost of Project	INR 257 Crores
8.	Total Built up area	1,19,202.19 Sq. M
9.	Land Break-up	Ground Coverage – 4861.71 Sq.M – 24.03% Greenbelt – 3106.05 Sq.M – 15.35% Open Space Reservation – 2027.65 Sq.M – 10.02%
10.	Sewage Treatment Plant-	MBBR Technology STP with Ultra Filtration and UV Disinfection system is proposed.
11.	Total STP Capacity	550 KLD
12.	a) Water requirement KLD	Total – 583 KLD Freshwater – 376 KLD – CMWSSB
13.	Quantity of Sewage KLD	Sewage – 516 KLD
14.	Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste	Biodegradable Waste – 1.79 MT/day Non-Biodegradable Waste – 1.19 MT/day STP Sludge – 50 kg/day
15.	Power requirement	7700 kVA
16.	Details of D.G. set with Capacity	3 Nos of 1000 kVA DG Sets with Stack & Acoustic Enclosures
17.	Details of Green Belt Area	Greenbelt Area – 3,106.05 Sq.M – 15.35% of Plot Coverage



18.	Details of Parking Area	Car Parking Provided – 737 Nos. Two-Wheeler Parking Provided – 150 Nos.
19.	Provision for rain water harvesting	3 x 100 KL RW Harvesting Sumps to be provided – Rooftop Runoff 31 Percolation Pits to be provided – Surface Runoff.
20.	EMP Cost (Rs.)	Construction Phase – INR 30 Crores Operation Phase – INR 210.7 Crores
21.	CER activities with the specific allocation of funds	INR 30 Lakhs. 10 Lakhs towards “Road Widening Project” 20 Lakhs towards “Local School Classroom Smart Board Provisions”

The PP also furnished the CCR of the existing EC issued from MOEF&CC along with comparative statement of the project proposal is as follows.

Sl. No.	Description	As per earlier EC	Proposed expansion	Total After Expansion	Remarks / Mitigation Measures
1.	Total Plot Area, Sq.m	20,234.11	-	20,234.11	No change
2.	Total Built Up Area, Sq.m	1,19,202.19	-	1,19,202.19	No change
3.	Building Configuration	Blocks 1 – Basement + Stilt + 1st & 2nd Level Parking + 3rd to 19th floors	No Addition / Deletion	Blocks 1 – Basement + Stilt + 1st & 2nd Level Parking + 3rd to 19th floors	No change
4.	Project Cost, Crores	98.60	158.40	257.0	Increase due to increase in no of Dwelling units and interior works.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC -TN

5.	Type of Flats	1 BHK, 2 BHK and 3 BHK	1 BHK, 2 BHK, 2.5 BHK and 3 BHK	1 BHK, 2 BHK, 2.5 BHK and 3 BHK	Configuration Changes with Slight reduction in per Dwelling Units
6.	Total No of Residential Dwellings, Nos	804	102	906	Increase in Dwelling units
7.	FSI Permissible, %	3.5 (2.5 + 1)	1.37 (0.75 + 0.62)	4.87 (3.25 + 1.62)	Due to revised DCR Provisions, there in an increase of 0.75 in the permissible FSI and an additional 0.62 in Premium FSI available.
8.	FSI Achieved	3.494	0.299	3.793	Slight increase in FSI Area but within permissible Limits.
9.	Permissible FSI Area, Sq.m	70819.35	27720.77	98540.12	Due to revised DCR Provisions, there in an increase of 15175.58 Sq.m in the permissible FSI and an additional 0.62 in Premium FSI available
10.	FSI Area Achieved, Sq.m	70,700.48	12,997.61	83,698.09	Slight increase in FSI Area but within permissible Limits
11.	Number of Occupants	4422	561	4983	Increase in Population due to increase in no. of dwelling units.
12.	Total Water Requirement,	550	33		Water requirements increases due to

	KLD			583	population Increase.
13.	Total Freshwater Requirement, KLD	365	11	376	By adopting water Conservation measures the effective freshwater requirement increases by 11 KLD.
14.	Fresh Water Source	CMWSSB	CMWSSB	CMWSSB	No Change
15.	Treated Sewage for Reuse, KLD	185	22	207	Treated sewage reuse is maximized.
16.	Wastewater Generation, KLD	475	41	516	Due to increase in population, wastewater generation increases.
17.	STP Capacity, KLD	500	50	550	STP capacity increases corresponding to increase in wastewater generation
18.	Total Treated Sewage from STP Outlet, KLD	453	37	490	Increases corresponding to increase in wastewater generation.
19.	Treated Water for Flushing, KLD	185	11	196	Maximized the recycling of treated sewage for flushing by 100%.
20.	Gardening, KLD	11	0	11	No change.

21.	Excess Treated Sewage, KLD	257	26	283	Due to increase in treated sewage availability, excess treated sewage also increases.
22.	Disposal of Excess Treated Water	Through UG Sewer line to Perungudi STP		Through UG Sewer line to Perungudi STP	Have Submitted an Application to the CMWSSB for the discharge of additional quantity through sewer line; we will secure necessary permission at the earliest.
23.	Total Municipal Solid waste Generated	2.653	0.38	2.98	Increase due to corresponding increases in population.
24.	Biodegradable, MT/day	1.592	0.198	1.79	Will be treated in OWC by increasing number of batches from 6 batches per day to 7 batches per day. Resultant manure will be used for maintaining for greenbelt in the OSR area
25.	Non-Biodegradable Waste, MT/day	1.061	0.129	1.19	Will be sold through authorized recyclers.
26.	Bio Sludge from STP. Kg/Day	51	9	60	Will be used as manure in house greenbelt development.

27.	Power Requirement. kVA	7500	200	7700	Additional Power Requirement is required due to an increase in dwellings.
28.	DG, KVA	3 X 1000	-	3 X 1000	No change in Back-up Power.
29.	Solar Power, %	0.5	1.5	2.0	Increased by 4 times. Rooftop solar energy will be harvested up to an extent of 1.5% of total Power requirement
30.	Parking Requirement, ECS	668	68	736	Increases as per CMDA requirement for the revision in dwelling unit size.
31.	Two-Wheeler parking	136	14	150	
32.	Covered Parking Area, Sq.m	34534.97	2,414.8	36949.77	Increase in parking area envisaged.
33.	Open parking Area, Sq.m	3187.50	1,037.5	2150.00	Reduction in open parking area due to increase in covered parking area
34.	Green Belt, Sq.m	3106.05	0	3106.05	No Change

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance expansion subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC:

1. The project proponent shall obtain silver grade IGBC rating for the construction activity.

2. The project proponent shall provide STP of capacity 516 KLD and treated water shall be utilized for flushing, green belt.
3. The treated/untreated sewage water shall not be let-out from the unit premises.
4. The STP shall be operate & maintained by the PP for the period of five years.
5. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
6. The height of the stacks of DG sets shall be provided as per the CPCB norms.
7. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc., to TNPCB before obtaining CTO.
8. 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.
9. 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.
10. The proponent shall provide the separate wall between the STP & ETP and OSR area as per the layout furnished and committed.
11. The project proponent 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. 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-I, in consultation with the DFO, State Agriculture. 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.

13. 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
14. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
15. The excess runoff water shall be connected to a nearby water body.
16. The generated Bio medical waste shall be handled as per Bio Medical waste management Rules 2016.
17. 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.
18. 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.
19. No waste of any type to be disposed off in any other way other than the approved one.
20. 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.
21. 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.

22. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
23. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
24. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
25. That 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.
26. 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 adhere the EMP as committed.
27. As accepted by the Project Proponent the CER cost is Rs. 30 lakh and the amount shall be spent for committed activities before obtaining CTO from TNPCB.

**Agenda No: 320-07**

**(File No: 9317/2022)**

**Proposed construction of Residential and commercial development at 321/8B, 321/8C, 321/9A, 321/9B, 321/10, 321/11; 326/13, 326/16, 326/17, 326/18A2, 326/18B, 326/18C, 326/19; 327/3, 327/4A, 327/4B, 327/5A, 327/5B, 327/5C, 327/5D, 327/6A, 327/6B, 327/6C, 327/6D, 327/7A, 327/7B, 327/8A, 327/8B, 327/9, 327/10A, 327/10B, 327/11A, 327/11B1, 327/11B2, 327/12A, 327/12B, 327/12C, 327/12D; 328/1A, 328/1B, 328/1C, 328/1D, 328/1E1, 328/1E2, 328/1F, 328/1G, 328/1H, 328/1I, 328/1J1, 328/1J2, 328/2A, 328/2B, 328/2C, 328/2D1, 328/2D2, 328/2E1, 328/2E2, 328/3, 328/4A, 328/4B, 328/4C, 328/5A, 328/5B, 328/5C, 328/6A, 328/6B, 328/6C, 328/6D, 328/6E, 328/6F, 328/6G, 328/6H, 328/6I; 329/1, 329/2, 329/3A, 329/3B, 329/4, 329/5A, 329/5B, 329/5C, 329/6, 329/7, 329/8, 329/9, 329/10A, 329/10B, 329/11, 329/12, 329/13, 329/14A, 329/14B, 329/14C, 329/15A, 329/15B, 329/16A1, 329/16A2, 329/16B; 330/1A, 330/1B, 330/1C.**



330/2A1A, 330/2A1B, 330/2A2A, 330/2A2B, 330/2A2C, 330/2A2D, 330/2A3A, 330/2A3B, 330/2B1, 330/2B2, 330/2B3, 330/4, 330/5A1, 330/5A2, 330/5B1B, 330/5B2A, 330/5B2B, 330/5B3, 330/5B4, 330/5C, 330/5D1, 330/5D2, 330/5E1, 330/5E2, 330/5F, 330/6 of Vadanemmeli (Hamlet of Thiruvidadanthai Village) and 15/1, 15/2A, Nemmeli Village, Thiruporur Taluk, Chengulpattu District, Tamil Nadu by M/s Mohan Mutha Farms - For Environmental Clearance. (SIA/TN/MIS/277605/2022 Dt. 10.6.2022)

The proposal was placed in this 320<sup>th</sup> SEAC Meeting held on 13.10.2022. 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/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

S. No.	Description
1.	Name of the Project proponent and address Mohan Mutha Farms No. 109, Vellala Street, Purasawakkam, Chennai – 600 007
2.	Proposed Activity Proposed Construction of Residential cum Commercial Development
3.	Schedule No. 8 (a)
4.	Project Location
	i. Survey Nos. 321/8B, 321/8C, 321/9A, 321/9B, 321/10, 321/11; 326/13, 326/16, 326/17, 326/18A2, 326/18B, 326/18C, 326/19; 327/3, 327/4A, 327/4B, 327/5A, 327/5B, 327/5C, 327/5D, 327/6A, 327/6B, 327/6C, 327/6D, 327/7A, 327/7B, 327/8A, 327/8B, 327/9, 327/10A, 327/10B, 327/11A, 327/11B1, 327/11B2, 327/12A, 327/12B, 327/12C, 327/12D; 328/1A, 328/1B, 328/1C, 328/1D, 328/1E1, 328/1E2, 328/1F, 328/1G, 328/1H, 328/1I, 328/1J1, 328/1J2, 328/2A, 328/2B, 328/2C, 328/2D1, 328/2D2, 328/2E1, 328/2E2, 328/3, 328/4A, 328/4B, 328/4C.

		328/5A, 328/5B, 328/5C, 328/6A, 328/6B, 328/6C, 328/6D, 328/6E, 328/6F, 328/6G, 328/6H, 328/6I; 329/1, 329/2, 329/3A, 329/3B, 329/4, 329/5A, 329/5B, 329/5C, 329/6, 329/7, 329/8, 329/9, 329/10A, 329/10B, 329/11, 329/12, 329/13, 329/14A, 329/14B, 329/14C, 329/15A, 329/15B, 329/16A1, 329/16A2, 329/16B; 330/1A, 330/1B, 330/1C, 330/2A1A, 330/2A1B, 330/2A2A, 330/2A2B, 330/2A2C, 330/2A2D, 330/2A3A, 330/2A3B, 330/2B1, 330/2B2, 330/2B3, 330/4, 330/5A1, 330/5A2, 330/5B1B, 330/5B2A, 330/5B2B, 330/5B3, 330/5B4, 330/5C, 330/5D1, 330/5D2, 330/5E1, 330/5E2, 330/5F, 330/6;
	ii. Revenue Village	Vadanemmeli (Hamlet of Thiruvидanthai Village)
	iii. Survey Nos.	15/1,15/2A
	iv. Revenue Village	Nemili
	v. Taluk	Thiruporur
	vi. District	Chengalpattu
	vii. Latitude & Longitude	12°44'26.25"N & 80°13'59.28"E
5.	Area of the Land	<b>Total Land Area - 86,267 Sqm</b> Total Ground Coverage Area of Buildings - 19,689 Sqm Roads and other Pavements Area - 42,037 Sqm STP, Solid Waste Disposal and Other Utilities Area - 2,702 Sqm Greenbelt development Area- 12,940 Sqm OSR Area - 8,899 Sqm
6.	Built up area	79,783 Sqm
7.	<b>Brief Description of the Project</b> The proposal involves the construction of Residential and commercial development with a total built up area of 79,783 Sqm. The project will comprise of Residential components namely Attached Villas (15 Nos.) - G+2 Floors (each), Attached Row Houses (40 Nos.) - G+2 Floors (each), and commercial components namely Block 1 - G+3 Floors, Block 2 - G+3	

Floors with Combined Ground Floor for Block 1 & 2, Shop – Ground Floor, Security Cabin I & II – Ground Floor. The commercial components include Hotel rooms (100 Nos.), Club House with supporting infrastructure facilities like Swimming Pools, Discotheque, Indoor & Outdoor Gaming zones, Banquet Hall, Multipurpose Hall & courts, Party Hall, Yoga/Pilates room, Cardio machine room, VR room, Specialty restaurant & Cafe, Spa room, Massage room, Library & Business Centre.

Name of Block	No. of Floors	FSI Area in Sq.m	Non - FSI Area in Sq.m	Total	Activity
Block 1	G + 3 Floors	12,938	270	13,208	Hotel Rooms & Banquet Halls
Block 2	G + 3 Floors	14,491	2,251	16,742	Club House with amenities
Combined Ground Floor for Block 1 & 2		9,248	16,001	25,249	Parking
Attached Villas - 15 Nos.	G + 2 Floor	9,815	-	9,815	Residential
Attached Row Houses - 40 Nos.	G + 2 Floor	14,376	-	14,376	Residential
Shop	Ground Floor	156	-	156	Commercial
Security Cabin I & II	Ground Floor	37	-	37	-
Utilities	-	-	200	200	-
<b>Total</b>	-	<b>61,061 Sqm</b>	<b>18,722 Sqm</b>	<b>79,783 Sqm</b>	-

8.	Expected Occupancies (Including Visitors)	7,568 Nos.
9.	Greenbelt Area	12,940 Sqm

10.	Parking Facilities	Four Wheelers – 600 Nos. Parking Area – 7,500 Sqm
11.	<b>UTILITIES – WATER</b>	
	Total Water Requirement	616 KLD
	Source from where the fresh water is proposed to be drawn	Ground Water / Local Body
	i. Domestic & Drinking Water Purposes (Fresh Water)	229 KLD
	ii. Laundry (Fresh Water)	10 KLD
	iii. Swimming pool Top Up (Fresh Water)	5 KLD
	iv. Toilet Flushing (Recycled Water)	153 KLD
	v. Greenbelt (Recycled Water)	45 KLD
	vi. HVAC (Recycled Water)	174 KLD
12.	<b>WASTE WATER</b>	
	i. Effluent	10 KLD
	ii. Sewage	391 KLD
	iii. Details of Treatment	<b>1. ETP Capacity – 15 KLD</b> <b>2. STP Capacity – 1 No. of 360 KLD (MBBR Technology)</b> Bar Screen Chamber Equalization Tank Moving Bed Bio Reactor Units (MBBR) Anoxic Tank Aeration Tank Settling Tanks Supernatant & Chlorine Contact tank Pressure Sand Filter Activated Carbon Filter Dosing & Ultrafiltration Sludge Holding Tank <b>3. Eco STP Capacity – 1 No. of 60 KLD &amp; 1 No. of 30 KLD</b> Rumen Digester Filter (RDF) – 3 Stages Planted Bio Filter Sand Filter Ozonizer Collection tank

	iv. Mode of Disposal with Quantity	Treated Water i. Flushing - 153 KLD ii. Greenbelt development - 45 KLD iii. HVAC - 174 KLD
13.	<b>SOLID WASTE</b>	
	1) Municipal Solid waste	
	i. Bio Degradable – 1460 kg/day	Treated in Organic Waste Converter (2 Nos.) and used as manure for gardening
	ii. Non Bio degradable – 974 kg/day	Handed over to authorized recyclers
	iii. STP Sludge – 38 kg/day	Dried and used as manure for greenbelt development
	iv. ETP Sludge – 1 kg/day	Stored and handed over to TSDF Facility
	v. E Waste – 1100 kg/year	Handed over to authorized recyclers/ collection centres
14.	<b>POWER REQUIREMENT</b>	
	i. Electricity Board	5000 kVA from TNEB Grid
	ii. DG Sets	Residential Complex: 1000 kVA – 2 Nos. Commercial development: 750 kVA – 2 Nos. 1000 kVA – 2 Nos.
	iii. Stack Height	Residential Complex – 13 m Commercial development – 24 m
15.	Provision of Rain Water Harvesting	Rain Water Storage Sumps – 720 KL (235 KL – 2 Nos. & 250 KL – 1 No.) Rain Water Harvesting Pits – 15 Nos.
16.	Project Cost	Rs. 125.96 Crores
17.	EMP Cost	Construction and Operation Phase Capital Cost – Rs. 392 Lakhs/Annum Operation Cost – Rs. 139 Lakhs/Annum
18.	CER Activities with the specific allocation of funds	Rs. 22 Lakhs

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 normal conditions stipulated by MOEF &CC:

1. The project proponent shall obtain silver grade IGBC Gold rating for the

construction activity.

2. The project proponent shall provide ETP capacity of 15 KLD, STP of capacity 1 No. of 360 KLD (MBBR Technology) & Eco STP Capacity – 1 No. of 60 KLD & 1 No. of 30 KLD and treated water shall be utilized for flushing, green belt.
3. The treated/untreated sewage water shall not be let-out from the unit premises.
4. The ET& STP shall be operate & maintained by the PP for the period of five years.
5. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
6. The height of the stacks of DG sets shall be provided as per the CPCB norms.
7. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc., to TNPCB before obtaining CTO.
8. 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.
9. 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.
10. The proponent shall provide the separate wall between the STP & ETP and OSR area as per the layout furnished and committed.
11. 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. 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-I, in consultation with the DFO, State Agriculture. 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.
13. 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
14. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
15. The excess runoff water shall be connected to a nearby water body.
16. The generated Bio medical waste shall be handled as per Bio Medical waste management Rules 2016.
17. 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.
18. 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.
19. No waste of any type to be disposed of in any other way other than the approved one.
20. 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.

21. 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.
22. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
23. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
24. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
25. That 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.
26. 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 adhere the EMP as committed.
27. As accepted by the Project Proponent the CER cost is Rs. 22 lakh and the amount shall be spent as committed before obtaining CTO from TNPCB.

**Agenda No: 320-08**

**(File No: 7752/2019)**

**Proposed Construction of New Tower Block for TNUHP (Supported by JICA) at S.F.Nos.385/42 , 385/43, 385/9 & 385/10, Block No.24 of Kilpauk Village, Egmore Taluk, Chennai District, Tamil Nadu by M/s. Government Kilpauk Medical College – Applied for Environmental Clearance. (SIA/TN/MIS/152886/2020, dated: 01.02.2021)**

The proposal was appraised earlier in the 217<sup>th</sup>, 257<sup>th</sup> and subsequently in the 311<sup>th</sup> meeting of SEAC held on 15.09.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website ([parivesh.nic.in](http://parivesh.nic.in)).



The SEAC noted the following:

1. The project proponent, M/s. Government Kilpauk Medical College, has applied for Environmental Clearance for the proposed Construction of New Tower Block for TNUHP (Supported by JICA) at S.F.Nos.385/42 , 385/43, 385/9 & 385/10, Block No.24 of Kilpauk Village, Egmore 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 proposal consists a Tower – G+6 Floors –with built up area – 24973.72 Sq.m and plot area is 18843 Sq.m.

Based on the proposal submitted and the presentation made, the SEAC decided to **recommend for the grant of sector specific standard Terms of Reference (ToR) for rapid EIA** in 3 parts for the project, for assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared as an independent chapter in the Environment Impact Assessment report by the Accredited consultant and also with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET or a laboratory of council of Scientific and Industrial Research Institutions working in the field of Environment in addition to the ToRs stated therein.

Subsequently the subject was placed before the Authority in its 556<sup>th</sup> meeting of the Authority held on 03.10.2022. The Authority noted that the project proposal was appraised in the 310<sup>th</sup> meeting of SEAC held on 14.09.2022 and SEAC has furnished its recommendation for the grant of ToR( violation) subject to the conditions stated therein. The Authority further noted that,

1. The Project proponent has started construction of additional buildings without obtaining Environment Clearance and has also not applied during the window period. this has to be treated as a violation case.

2. The Project proponent has applied for Environment Clearance in PARIVESH portal vide Proposal No: SIA/TN/MIS/152886/2020 dated 20.05.2020. Further, it was noted that the SEAC has recommended Terms of Reference as per Notification vide S.O.804 (E) dated 14.03.2017 (Under Violation category). Since the project proponent has applied for EC, there is no provisions to upload/issue Terms of Reference in the PARIVESH portal.

3. Further, it is noted that,

- i) MoEF &CC vide O.M F.No.22-21/2020-IA.III dated 07.07.2021 has issued standard operating procedure (SoP ) for identification and handling of violation cases under EIA Notification 2006 in compliance to order of Hon'ble National Green Tribunal in O.A.No.34/2020 WZ.
- ii) MoEF &CC vide O.M F.No.22-21/2020-IA.III (E 138949) dated 28.01.2022 has stated as follows:

*"2. The SoP was challenged in the Madurai Bench of the High Court of Madras in the matter W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India and was interim stayed vide order dated 15th July 2021.*

*3. Recently, in the Order dated 09th December 2021 in the matter of Civil Appeal Nos. 7576-7577 of 2021 in Electrosteel Steels Limited Vs Union of India and Ors., the Hon'ble Supreme Court of India has inter-alia observed the following:*

*"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."*

The SEIAA decided to refer back the proposal to SEAC for the reasons stated above.

Hence the subject was placed in this 320<sup>th</sup> meeting of SEAC held on 13.10.2022. After detailed deliberations, the Committee decided to reiterate that its recommendation already made in the 311<sup>th</sup> meeting of SEAC held on 15.09.2022 is subject to the outcome of the court case filed before the Hon'ble High Court of Madras (Madurai

Bench) vide *W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India challenging the SoP for violation proposals dated 07<sup>th</sup> July 2021 and mere preparation of EIA report will not entitle the PP to EC which will be based on the final Judgement in the case above.*

**Agenda No: 320-09**

**(File No: 9461/2022)**

**Proposed Expansion of Tagore Medical & Dental College campus with Hospital by M/s. Tagore Educational Trust at Survey Nos. No. 83, 84 (P), 87/4, 87/7, 89/1B (P), 92/1, 92/2, 92/3, 92/4, 93/1, 93/2, 93/3A, 93/3B, 93/4, 94/1, 94/4, 94/5, 94/6, 94/7, 95/1A, 95/1B, 95/1C, 95/1D, 95/2, 97/1, 97/2, 97/3, 97/4, 97/5, 97/6, 97/7, 97/8, 97/9, 97/10, 97/11, 97/12A, 97/12B, 97/13, 126/1, 126/2A, 126/2B, 126/2C, 126/2D, 126/3, 126/4B, 126/8, 126/9B, 127/1, 127/2, 127/3, 127/4A, 127/4B, 127/5, 127/6, 127/7, 127/8, 127/9A, 127/9B, 127/10, 127/11, 127/12, 127/13, 127/14, 127/15, 127/16, 128/1, 129/1A, 129/1B, 129/1C, 129/2A, 129/2B, 129/3A, 129/3B, 130/1A, 130/1B, 130/2, 130/3, 130/4, 130/5A, 130/5B, 131/1, 131/2A, 131/2B, 131/3, 131/4, 131/5, 131/6, 132/1, 132/2, 132/3, 132/5, 132/6A, 132/7, 132/8, 132/9, 132/11, 132/12, 132/13A, 132/13B, 132/14, 132/16, 132/17, 132/18, 132/19A, 132/19B, 133/1A, 133/1B, 133/1D1, 133/1D2, 133/2A, 134/1A2A, 134/1A2B, 134/1B, 134/2, 136/1, 136/2, 136/3, 136/4, 136/5 at Rathinamangalam Village of Vandalur Taluk, Chengalpattu District, (Formerly Chengalpattu Taluk, Kanchipuram District) Tamil Nadu –for Environmental Clearance. (SIA/TN/MIS/290416/2020, dated: 27.08.2022)**

The project proposal was placed in this 320<sup>th</sup> meeting of SEAC held on 13.10.2022. During the meeting, SEAC noted that the NABET consultant did not possess/submit valid Accreditation certificate which is a mandatory. Hence the Committee decided to defer the subject to a later date directing the NABET consultant to furnish the copy of valid Accreditation certificate.


**Agenda No: 320-10**

**(File No: 9321/2022)**

**proposed Construction of New Building for Collectorate and other offices located at S.F.No. 191 Ward B, Block 4, T.S no.36 and others Tenkasi village, Tenkasi Taluk, Tirunelveli District, Tamil Nadu by M/s. Executive Engineer, PWD, Buildings (C&M) Division - For Environmental Clearance (SIA/TN/MIS/252442/2022, dated 20-01-2022)**

Earlier, this proposal was placed in this 310<sup>th</sup> SEAC Meeting held on 14.09.2022.

The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website ([parivesh.nic.in](http://parivesh.nic.in)).

  
MEMBER SECRETARY  
SEAC - TN

  
CHAIRMAN  
SEAC - TN

The project proponent gave detailed presentation. SEAC noted the following:

1. The Proponent, M/s. Executive Engineer, PWD, Buildings (C&M) Division has applied for Environmental Clearance for the proposed Construction of New Building for Collectorate and other offices located at S.F.No. 191 Ward B, Block 4, T.S no.36 and others Tenkasi village, Tenkasi Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) " Building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal comes under violation category.

Based on the proposal submitted and the presentation made, the SEAC decided to **recommend for the grant of sector specific standard Terms of Reference (ToR)**, in 3 parts for the project, for assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared as an independent chapter in the Environment Impact Assessment report by the Accredited consultant and also with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET or a laboratory of council of Scientific and Industrial Research Institutions working in the field of Environment in addition to the ToRs stated therein.

Subsequently the subject was placed before the Authority in its 555<sup>th</sup> meeting of the Authority held on 27.9.2022. The Authority noted that the project proposal was appraised in the 310<sup>th</sup> meeting of SEAC held on 14.09.2022 and SEAC has furnished its recommendation for the grant of ToR( violation) subject to the conditions stated therein. The Authority further noted the following and decided to refer back the proposal to SEAC for the following reasons

1. The Project proponent has completed the project without obtaining Environment Clearance and has also not applied during the window period, this has to be treated as a violation case.


2. The Project proponent has applied for Environment Clearance in PARIVESH portal vide Proposal No: SIA/TN/MIS/252442/2022 dated 20.01.2022. Further, it was noted that the SEAC has recommended Terms of Reference as per Notification vide S.O.804 (E) dated 14.03.2017 (Under Violation category). Since the project proponent has applied for EC, there is no provisions to upload/issue Terms of Reference in the PARIVESH portal.
3. Further, it is noted that
- MoEF &CC vide O.M F.No.22-21/2020-IA.III dated 07.07.2021 has issued standard operating procedure (SoP ) for identification and handling of violation cases under EIA Notification 2006 in compliance to order of Hon'ble National Green Tribunal in O.A.No.34/2020 WZ.
  - MoEF &CC vide O.M F.No.22-21/2020-IA.III (E 138949) dated 28.01.2022 has stated as follows:

*"2. The SoP was challenged in the Madurai Bench of the High Court of Madras in the matter W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India and was interim stayed vide order dated 15th July 2021.*

*3. Recently, in the Order dated 09th December 2021 in the matter of Civil Appeal Nos. 7576-7577 of 2021 in Electrosteel Steels Limited Vs Union of India and Ors., the Hon'ble Supreme Court of India has inter-alia observed the following:*

*"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 the subject was placed in this 320<sup>th</sup> meeting of SEAC held on 13.10.2022. After detailed deliberations, the Committee decided to reiterate that its recommendation already made in the 310<sup>th</sup> meeting of SEAC held on 14.09.2022 is subject to the

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

outcome of the court case filed before the Hon'ble High Court of Madras (Madurai Bench) vide W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India challenging the SoP for violation proposals dated 07th July 2021 and mere preparation of EIA report will not entitle the PP to EC which will be based on the final Judgement in the case above.

**Agenda No: 320-11**

**(File No: 6651/2018)**

**Proposed construction of 1200 slum tenements at Kargil Nagar, T.S.No. 1/1 and 3/1 (Old S.F.No: 618/G) at Thiruvottiyur village, Thiruvottiyur taluk, Tiruvallur district, Tamil Nadu by M/s Tamil Nadu Urban Habitat Development Board (Formerly non as Tamil Nadu Slum Clearance Board)- For Amendment in Environmental Clearance (SIA/TN/MIS/225144/2022 dated:18.08.2021)**

The Proposal was placed in 320<sup>th</sup> SEAC meeting held on 13.10.2022. During the meeting the PP has not attend the meeting, therefore SEAC decided to defer the proposal.

**Agenda No: 320-12**

**(File No: 9450/2022)**


**Proposed construction of additional building at S.F No.44/3(pt), 44/5B, 46/1A(pt), 46/6, 47/1, Su.kilnatchipattu Village, Thiruvannamalai Taluk, Thiruvannamalai District, Tamil Nadu by Arunai Medical College & Hospital (an institution under Jeeva Educational Trust) – For Environmental Clearance Expansion.(SIA/TN/MIS/288467/2022 dated:13.08.2022).**

The proposal was placed in this 316<sup>th</sup> Meeting of SEAC held on 30.09.2022. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Project Proponent, Arunai Medical College & Hospital (an institution under Jeeva Educational Trust) has applied for Environmental Clearance for the Proposed construction of additional building at S.F No 44/3(pt), 44/5B, 46/1A(pt), 46/6, 47/1 Su.kilnatchipattu Village, Thiruvannamalai Taluk, Thiruvannamalai 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.

Based on the presentation & details furnished by the PP the SEAC decided to call for the following details.

  
MEMBER SECRETARY  
SEAC -TN

1. The PP shall furnish ETP & STP components details for the existing & expansion activity.
2. The PP shall furnish ETP & STP design.
3. The PP shall furnish correct survey nos and the same shall be corrected in the online application.
4. The PP shall furnish details of Bio-medical waste.
5. The unit shall furnish the exact green belt area earmarked / developed as per the norms in the unit's premises showing photographs along with longitude and latitude co-ordinates.
6. The PP shall furnish OSR details.
7. The PP shall comply with the solar energy condition stipulated in the previous EC.
8. The PP shall submit RoA of ETP & STP.

The EIA Co-ordinator requested for additional time to present the additional details and the committee decided to grant time to PP to submit the details. Now the PP has submitted the required details and hence the Committee apprised the proposal in this meeting.

Sl. No.	Description	Details
1.	Name of the Project	Proposed construction of additional building for the establishment of "Arunai Medical College & Hospital (an institution under Jeeva Educational Trust)"
2.	Location	S.F No 44/3(pt), 44/5B, 46/1A(pt), 46/6, 47/1 Su.kilnatchipattu Village, Thiruvannamalai Taluk, Thiruvannamalai - 606 603.
3.	Type of Project	B(a)- Building & Construction

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

4.	Latitude & Longitude	S.N o	Latitude	Longitude	
		1.	12°11'25.17"N	79° 4'50.87"E	
		2.	12°11'27.34"N	79° 4'50.39"E	
		3.	12°11'24.74"N	79° 4'48.95"E	
		4.	12°11'27.01"N	79° 4'48.46"E	
5.	Total Plot/land Area (in sq. m)	1,27,027.67 Sq.m (95,785.94 Sq.m Existing + 31,241.73 Proposed)			
6.	Built up area	52,169.42 Sq.m (Proposed)			
7.	Cost of Project	Rs.124.08 Crores.			
8.	Total Built up area	1,10,157.42 Sq.m (57,988 Sq.m existing + 52,169.42 Sq.m proposed)			
9.	Land Break-up	S.N o	Description	Land in Sq.m	%
		1	Plot Coverage	18900.16	60.51
		2	Internal Road	1432.19	4.58
		3	Parking Area	1644.75	5.26
		5	Green Belt	6140.47	19.65
		4	OSR	3124.16	10
		Total		31,241.73	100
		10.	Sewage Treatment Plant-	Sewage Treatment Plant with Sequential Batch Reactor Technology	



11.	Total STP Capacity	275 KLD												
12.	a) Water requirement KLD	357 KLD												
13.	Quantity of Sewage KLD	247 KLD												
14.	Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste	790 Kg/day – Authorized Recyclers												
15.	Power requirement	1500 KVA												
16.	Details of D.G. set with Capacity	2 Nos 250 kVA												
17.	Details of Green Belt Area	6140.47 Sq.m												
18.	Details of Parking Area	1644.75 Sq.m												
19.	Provision for rain water harvesting	<ul style="list-style-type: none"> <li>2 nos. of 60 m3 capacity rainwater harvesting sump (6m x 5m x 2m) will be constructed to store the water from roof top runoff and it will be reused for housekeeping purposes.</li> <li>55 nos. of percolation pits will be constructed at regular intervals and filled with metal filling from bottom and the top covered with perforated precast slab</li> </ul>												
20.	EMP Cost (Rs.)	Rs. 463 Lakhs												
21.	CER activities with the specific allocation of funds	<table> <tr> <th>S.no</th><th>CER Activity</th><th>Amount (In lakhs)</th></tr> <tr> <td colspan="3">1. Government Higher Secondary School, Palaiyanur, Tiruvannamalai</td></tr> <tr> <td>1.</td><td>Construction of surrounding wall – 100 m</td><td>2</td></tr> <tr> <td>2.</td><td>Providing library</td><td>20</td></tr> </table>	S.no	CER Activity	Amount (In lakhs)	1. Government Higher Secondary School, Palaiyanur, Tiruvannamalai			1.	Construction of surrounding wall – 100 m	2	2.	Providing library	20
S.no	CER Activity	Amount (In lakhs)												
1. Government Higher Secondary School, Palaiyanur, Tiruvannamalai														
1.	Construction of surrounding wall – 100 m	2												
2.	Providing library	20												

		facility	
	3.	Seating facilities – Bench & Desk (100)	5
	<b>2. Government Higher Secondary School, Thachchampattu, Tiruvannamalai</b>		
	1.	Providing Toilet facilities	7
	2.	Providing Drinking water facilities	3
	3.	Additional Classroom Facilities	6
	4.	Construction of Auditorium	6
	<b>3. Government Middle School, Azhananthal Tiruvannamalai</b>		
	1.	Providing window facilities	4
	2.	Providing Mosquito net for all classroom windows	1
	3.	Providing Toilet Facilities	7
	4.	Providing	5

			cupboard, chairs and bench -17 nos	
		5.	Projector facilities	20
		6.	Construction of septic tank	7
			<b>Total</b>	<b>93</b>

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 normal conditions stipulated by MOEF &CC:

1. The project proponent shall provide STP of capacity 455 KLD and ETP of capacity 105 KLD and the treated water shall be utilized for flushing, green belt.
2. The treated/untreated sewage water shall not be let-out from the unit premises.
3. The STP shall be operated & maintained by the PP for the period of five years.
4. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
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 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.

8. 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.
9. The proponent shall provide the separate wall between the STP & ETP and OSR area as per the layout furnished and committed.
10. 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.
11. 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-1, in consultation with the DFO, State Agriculture. 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.
12. 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
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The excess runoff water shall be connected to a nearby water body.
15. The generated Bio medical waste shall be handled as per Bio Medical waste management Rules 2016.

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. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Bio-Medical Waste Management Rules, 2016, as amended for the generation of Bio-medical waste within the premises.
19. No waste of any type to be disposed off in any other way other than the approved one.
20. 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.
21. 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.
22. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
23. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
24. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
25. That 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.

26. 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 adhere the EMP as committed.
27. As accepted by the Project Proponent the CER cost is Rs.125 lakh and the amount shall be spent for (i) Crocodile Farm, Sathur dam – 32 Lakhs (ii) Govt High Sec.School, Palaiyanur, Thiruvannamalai (iii) Govt High Sec.School, Thachchampattu, Thiruvannamalai (iv) Govt Middle School, Azhananthai, Thiruvannamalai before obtaining CTO from TNPCB.

**Agenda No: 320-13**

**(File No: 5700/2016)**

**Proposed Expansion of paints and water-based polymers manufacturing in their existing facility by M/s. Asian Paints Limited at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu – Integrated Paint Industries –Environmental Clearance- Regarding (SIA/TN/IND2/21322/2016 Dt.12.12.2017)**

Earlier, this proposal was placed for appraisal in this 317<sup>th</sup> SEAC meeting held on 06.10.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Proponent, M/s. Asian Paints Limited, has applied for Environmental Clearance for the proposed expansion of paints and water-based polymers manufacturing in their existing facility at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under category “B” of Item 5(h) “Paints and Polymers Manufacturing” of the Schedule to the EIA Notification, 2006.
3. Terms of Reference (ToR) was issued vide Lr.No. SEIAA-TN/F.No. 5700/SEAC-LXXXV/5(h)/ToR – 281/2017 dated: 07.07.2017.

4. Public hearing was exempted as per section 7(i), (iii) stage (3), Para (i)(b) of EIA Notification, 2006, and request to submit the EIA/EMP report to the SEIAA for grant of Environment Clearance.
5. EIA report was submitted on 18.12.2017.

During the presentation the PP requested time to produce certain details with respect to the project comes under violation or not. Hence the SEAC discussed in detail and decided to take this proposal in one of the ensuing meetings.

This proposal has again been placed in 320<sup>th</sup> SEAC meeting held on 13.10.2022. During the meeting the PP has requested to postpone the ensuing meeting. Therefore SEAC decided to defer the proposal.

  
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	விவம்
2	<i>Adenanthera pavonina</i>	Manjadi	மஞ்சாடி, ஆனைக்குன்றிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாகை
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	இருவத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமர
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax caiba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Punnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon swietenia</i>	Purasamaram	புரச மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Corāia dichotoma</i>	Naruvuli	நருவுளி
18	<i>Croton adansonii</i>	Mavalingum	மாவிலங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உசா
21	<i>Diospyro sebenum</i>	Karungali	கருங்காலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kallitchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆத்ரூப்புவரசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயில் மரம், ஆயிலி
27	<i>Lannea coromandelica</i>	Odhiam	ஒதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கெட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விளா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	அரும்பா, பிசின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்



40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	நறு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	புலவு
47	<i>Puthranjiva roxburghii</i>	Karpala	கற்பலா
48	<i>Salvadora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புகள் சோபுகாய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தாங் கோட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாந்தி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேன் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsuratrifoliata</i>	valsura	வால்கரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கோடுக்காபுளி