

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

Minutes of 325<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) held on 03.11.2022 November 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. 325 - 01.

File No.1471 /2022

Extension of validity of Environmental Clearance for the proposed construction of residential building "Sattva Navratna" at S.Nos.608/3, 609/1A, 1B, 1C, 1D, 610/1, 610/2Pt & 611/1 and T.S.No.6041/1, 6041/2, 611, 6042, 6044, 6045, 6046/1 6046/2, 6047, Krishnarayapuram Village, Ward No.(J) 10, Block No.59, Coimbatore Taluk, Coimbatore District, Tamil Nadu by M/s. Neelanchal Realtors LLP – For Extension of validity of Environmental Clearance. (SIA/TN/MIS/288380/2022), Dt:12.08.2022.

The proposal was placed in the 325<sup>th</sup> SEAC Meeting held on 03.11.2022. The details of the minutes are available in the website (Parivesh.nic. in).

The SEAC noted the following:

1. The project proponent M/s. Neelanchal Realtors LLP has obtained Environmental Clearance vide Letter No. SEIAA-TN/F.No.1471/EC/8(a)/288/2013 dated: 21.04.2014 valid upto 20.04.2019 for the proposed construction of residential building "Sattva Navratna" at S.Nos.608/3, 609/1A, 1B, 1C, 1D, 610/1, 610/2Pt & 611/1 and T.S.No.6041/1, 6041/2, 611, 6042, 6044, 6045, 6046/1 6046/2, 6047, Krishnarayapuram Village, Ward No.(J) 10, Block No.59, Coimbatore Taluk, Coimbatore District, Tamil Nadu comprising of two residential blocks with Block A (4 Wings): Lower Basement + Upper Basement + Stilt + 14 Floors, Block B (4 Wings): Lower Basement + Upper Basement + Stilt + 14 Floors and Club House: Lower Ground Floor + Ground Floor + 1 Floor with a total built up area of 90019.94sq.m.
2. The MoEF&CC (IA Division) O.M F. No. 22-27/2015-IA-III Dt: 12.04.2016 states that *"The Environmental Clearance of the projects which had not completed five (5) years on the date of publication of Notification i.e. 29.04.2015, there validity will stand automatically extended to seven (7) years."*

  
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3. The MoEF&CC EIA Notification dt:18.01.2021 states that

“ Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid”.

4. The MoEF&CC EIA Notification dt:12.04.2022 states that Paragraph 9 of (ii) (C) as

*“Ten years in the case of all other projects and activities other than the Mining projects and River Valley Projects and Nuclear power projects referred to in clauses (a) and (b).*

*\*Provided further that the regulatory authority may also consult the concerned Expert Appraisal Committee before grant of such extension.”*

5. Now, the PP M/s. Neelanchal Realtors LLP has applied for Extension of Validity of Environmental Clearance vide Online proposal No.SIA/TN/MIS/288380/2022, dt:12.08.2022 for the said proposed construction of residential building for the reasons stated therein vide overing lr. Dt:29.07.2022.

6. The project/activity is covered under category “B” of Item 8 (a) “Building and Construction” of the schedule to the EIA Notification,2006.

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Extension of validity of Environmental Clearance **valid upto 20.04.2024** subject to the following specific conditions, in addition to all the conditions stipulated vide EC Letter No. SEIAA-TN/F.No.1471/EC/8(a)/288/2013 dated: 21.04.2014.

- i) As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. **60 Lakhs** and the amount shall be spent for 2 Nos. of

  
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Tribal school Rs. 30 Lakhs each for the activities mentioned in 6. (V) of O.M Dt: 01.05.2018 as committed before SEAC before obtaining CTO excluding CSR activities committed for Rs. 10 Lakhs vide EC Letter No. SEIAA-TN/F.No.1471/EC/8(a)/288/2013 dated: 21.04.2014.

**Agenda No. 325 - 02.**

**File No.1926/2022**

**Name Transfer of Environmental Clearance for the proposed expansion of an existing operational IT Park "Info Technology Park" at survey numbers: 55/6A1A, 56/2B2, 56/2C, 56/2E, 56/2F, 56/2G, 56/3, 56/4, 57/2, 57/4, 57/5A, 57/5B, 57/10B, 57/5C, 57/6, 57/7B, 57/13, 57/14, 57/15A, 57/15B, 58/2B, 58/3, 58/4, 58/5, 58/6A, 58/6B, 58/7A, 58/7B1, 58/2A, 58/7B2, 58/8, 58/9, 58/10, 59/1, 59/2, 59/3A1, 59/3A2A, 59/3A2B, 59/3A3, 59/3A4, 59/3B, 59/3A2C, 60/1A, 60/1B, 60/1D, 60/1E, 60/1F, 60/2, 61/3B, 61/3C, 73/1A2B, 73/32B of Mugalivakkam Village, Survey Nos. 55, 57, 58/1A, 58/2 & 58/3 of Manapakkam Village at 1/124 of Shivaji Gardens, Moonlight, Manapakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. DLF Home Developers Limited – Name Transfer of Environmental Clearance. (SIA/TN/MIS/1926/2022) dated: 16.08.2022.**

The proposal was placed in the 205<sup>th</sup> SEAC Meeting held on 03.11.2022. The details of the minutes are available in the website (Parivesh.nic. in).

1. The project proponent M/s. DLF Home Developers Limited has obtained Environmental Clearance vide Letter No. SEIAA-TN/F.No.1926/EC/8(b)/715/2020 dated: 14.09.2020 for the proposed expansion of an existing operational IT Park "Info Technology Park" at survey numbers: 55/6A1A, 56/2B2, 56/2C, 56/2E, 56/2F, 56/2G, 56/3, 56/4, 57/2, 57/4, 57/5A, 57/5B, 57/10B, 57/5C, 57/6, 57/7B, 57/13, 57/14, 57/15A, 57/15B, 58/2B, 58/3, 58/4, 58/5, 58/6A, 58/6B, 58/7A, 58/7B1, 58/2A, 58/7B2, 58/8, 58/9, 58/10, 59/1, 59/2, 59/3A1, 59/3A2A, 59/3A2B, 59/3A3, 59/3A4, 59/3B, 59/3A2C, 60/1A, 60/1B, 60/1D, 60/1E, 60/1F, 60/2, 61/3B, 61/3C, 73/1A2B, 73/32B of Mugalivakkam Village, Survey Nos. 55, 57, 58/1A, 58/2 & 58/3 of Manapakkam Village at 1/124 of Shivaji Gardens, Moonlight, Manapakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.

2. The MoEF&CC EIA Notification dt:12.04.2022 states that Paragraph 9 of

(ii) (C) as  
  
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*"Ten years in the case of all other projects and activities other than the Mining projects and River Valley Projects and Nuclear power projects referred to in clauses (a) and (b).*

1. Now, the PP M/s. DLF Info City Chennai Limited has applied for Name Transfer of Environmental Clearance from M/s. DLF Home Developers Limited to M/s. DLF Info City Chennai Limited vide Online proposal No. SIA/TN/MIS/288151/2022 dated: 16.08.2022 for the said proposed name transfer of Environmental Clearance of an existing operational IT Park "Info Technology Park" for the reasons stated therein vide covering Ir. Dt:09.08.2022.
2. The project/activity is covered under category "B" of Item 8 (a) "Building and Construction" of the schedule to the EIA Notification, 2006.
3. Scheme of Arrangement sanctioned by NCLT, Delhi Chennai SEZ in judgement Dt: 04.01.2019 undertaking of M/s. DLF Home Developers Limited has been de-merged from the M/s. DLF Info City Chennai Limited.
4. No Objection affidavit of deponent (M/s. DLF Home Developers Limited) vide e- stamp paper Certificate no. IN-DI65485523412039U issued Dt:26.07.2022.

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of name transfer of Environmental Clearance from M/s. DLF Home Developers Limited to M/s. DLF Info City Chennai Limited subject to all the conditions stipulated vide EC Letter No. SEIAA-TN/F.No.1926/EC/8(b)/715/2020 dated: 14.09.2020.

**Agenda No. 325- 03.**

**File No.6651/2021**

**Amendment of Environmental Clearance for the proposed construction of 1200 slum tenements at Kargil Nagar at T.S.No.1/1 & 3/1 (Old S.F.No:618/G) of Kargil Nagar, Thiruvottiyur Village, Thiruvottiyur Taluk, Thiruvallur District, Tamilnadu by M/s. Tamil Nadu Slum Clearance Board – Amendment of for Environmental Clearance. (SIA/TN/MIS/225144/2021) dated: 18.03.2021.**

The proposal was placed in the 325<sup>th</sup> SEAC Meeting held on 03.11.2022. The details of the minutes are available in the website (Parivesh.nic.in).

  
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The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has obtained Environmental Clearance vide Letter No. SEIAA-TN/F.No.6651/EC/8(a)/671/2019 dated: 31.10.2019 for the proposed construction of 1200 slum tenements at Kargil Nagar at T.S.No.1/1 & 3/1 (Old S.F.No:618/G) of Kargil Nagar, Thiruvottiyur Village, Thiruvottiyur Taluk, Thiruvallur District, Tamilnadu.
2. The project/activity is covered under category "B" of Item 8 (a) "Building and Construction" of the schedule to the EIA Notification, 2006.
3. Now, the PP M/s. Tamil Nadu Slum Clearance Board has applied for Amendment of Environmental Clearance vide Online proposal No. (SIA/TN/MIS/225144/2021) dated: 18.08.2021 for the said proposed amendment of Environmental Clearance for the reasons stated therein vide Covering lr. Dt:16.08.2021.
4. The PP letter Dt: 16.08.2021 has requested for issue of amendment for said Environmental Clearance for the following and has assured that there is no change in the total land area, survey numbers and no of tenements from the existing EC (Letter No.SEIAA – TN/F.6651/EC/8(a)/671/2019 dated 31.10.2019) for the project.

| S.No | Plant/<br>Equipment/<br>Facility | Existing Configuration<br>As per Environmental Clearance<br>Vide Letter No. SEIAA-<br>TN/F.6651/EC/8(a)/671/2019<br>dated 31.10.2019. | Proposed<br>Configuration<br>for amendment |
|------|----------------------------------|---|--|
| 1    | No. of<br>Blocks                 | 10  | 4  |
| 2    | Dwelling<br>units                | 1200  | 1200                                       |
| 3    | No. of<br>Floors                 | 10  | 15   |
| 4    | Built up<br>Area                 | 50226.2   | 45870.92                                   |
|      |                                  |   |  |

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|   |                      |            |         |
|---|----------------------|------------|---------|
| 5 | Name of the District | Tiruvallur | Chennai |
|---|----------------------|------------|---------|

Based on the presentation made and documents furnished by the project proponent, SEAC noted that the PP has admitted before SEAC that they have completed the construction of 4 Nos. of Blocks (S+15 Floors) each without obtaining amendment for **Environmental Clearance** issued vide Letter No.SEIAA-TN/F.6651/EC/8(a)/671/2019 dated 31.10.2019. In view of the above, SEAC decided that this proposal seeking EC amendment shall be treated as violation case as it attracts the paragraph No.5 of the MoEF&CC (IA Division) O.M F. No. IA3-22/10/2022 -IA.III Dt: 05.05.2022.

In this regard, SEAC has decided that the project proponent is directed to submit the following additional Particulars

- EIA report by the accredited consultants for this project including independent chapter on assessment of ecological damage, remediation plan and natural and community resource augmentation plan. The collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under Environment (Protection) Act, 1986, or a environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.
- Revised comparison table with break up details of total plot area and total built up area block wise for existing and the proposed amendment.
- Revised layout plan including children play area in the greenbelt area and temple tank type pond in the proposed OSR.

**Agenda No: 325-4**

**(File No: 1941/2020)**

**Existing Paper Mill at R.S.Nos.760, 762, 763, 764/1, 765/1, 765/2, 765/4, 766/1 etc at North Ariyanayakipuram village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu by M/s. Seshasayee Paper and Boards Limited- Environmental Clearance Amendment (SIA/TN/IND/250423/2022 Dated 07.01.2022)**

  
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The proposal was placed in this 325<sup>th</sup> meeting of SEAC held on 03.11.2022. 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. Seshasayee Paper and Boards Limited has applied for Amendment in Environmental Clearance for the project proposal of Expansion of Existing Paper Mill by Modernization & Upgradation Methods to enhance the paper production from 72000 TPA to 110000 TPA along with establishment of 18 MW Captive Coal based Thermal Power Plant at S.F.No 760, 762, 763, 764/1, 765/1, 765/2, 765/4, 766/1 etc., at North Ariyanayakupuram village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(i) "Pulp & Paper industry excluding manufacturing of paper from waste" & 1(d) Thermal Power Plants of the Schedule to the EIA Notification, 2006.
3. The PP had applied for **Environmental Clearance** dated: 31.08.2015
4. EC obtained vide SEIAA-TN/F.No.1941/TVLI/5(i)&1(d)/EC-12/2013 dated 01.04.2015 for the project proposal of Expansion of Existing Paper Mill by Modernisation & Upgradation Methods to enhance the paper production from 72000 TPA to 110000 TPA along with establishment of 18 MW Captive Coal based Thermal Power Plant at North Ariyanayakupuram village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu.
5. The earlier EC Amendment issued vide Letter No.SEIAA-TN/F.1941/TNV/5(i)&1(d)/EC-12/Amend/2016 dated: 17.05.2016 such that the term 18 MW Captive Coal based Thermal Power Plant is altered to read as 6.6 MW Captive Coal based Thermal Power Plant existing and 11.4 MW Captive Coal based Thermal Power Plant proposed.
6. The earlier EC Amendment issued vide Letter No.SEIAA-TN/F.1941/TNVI/5(i)&1(d)/EC-12/Amend/2013 dated: 14.10.2020 as follows.

**Sl.No.5& 6 of already issued EC may be read altered and read as follows.**

  
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"Sl.No. 5.0 It is proposed to achieve the following production from the current project proposal in the existing paper mill & new power plant.

1. Production enhancement of writing & printing paper from 72000 TPA to 110000 TPA.
2. Production of waste paper pulp-58000 TPA by recommissioning of de-inking plant. 21500 TPA of waste paper pulp from de-inking plant will be used in Tirunelveli plant. 36500 TPA of waste paper pulp from de-inking plant will be sent to Erode plant.
3. 36500 TPA of waste virgin pulp will be received by Tirunelveli plant from Erode plant.
4. Power generation of 18 MW for captive use.

"Sl.No. 6.0 Main raw material for the production of paper is wood pulp which is out sourced as detailed below.

| Sl. No. | Before EC Amendment   |                 | After EC Amendment  |                 |
|---------|---|-----------------|---|-----------------|
|         | Source of raw material  | Quantity in TPA | Source of raw material  | Quantity in TPA |
| 1       | Out sourcing of Pulp from Erode Plant(EC already issued during 01.04.2015)      | 24000           | 1. Out sourcing of Pulp from Erode Plant(EC already issued during 01.04.2015) | 24000           |
|         |   |                 | 2. Excess virgin pulp from Erode plant(amendment)                             | 36500           |
|         |   |                 | Total   | 60500           |
| 2.      | Imported pulp (EC already issued during 01.04.2015)                             | 12000           | Imported pulp (EC already issued during 1.4.2015)                             | 12000           |
| 3       | Waste paper pulp from 77300 TPA waste paper through deinking process(EC already | 58000           | a) De-inked pulp production   | 58000           |
|         |   |                 | b) De-inked pulp sent to Erode plant  | 36500(-)        |
|         |   |                 | c) De-inked pulp for captive  | 21500           |

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|  |                              |       |                          |       |
|--|------------------------------|-------|--------------------------|-------|
|  | issued during<br>01.04.2015) |       | use in Tirunelveli plant |       |
|  | Total quantity               | 94000 |                          | 94000 |

7. Now, the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/IND/250423/2022 dated: 07.01.2022 for EC Amendment with all required documents.
8. The project proponent has obtained certified compliance report from MoEF& CC, Chennai Region vide letter No. E.P/12.1/2021-22/SEIAA/47/TN Dated 03.03.2022.
9. *"The PP has submitted that Post COVID-19, availability and price of imported Coal is erratic and continuous operation of the Plant is posing challenges. To combat these uncertainties, the PP wish to use Bio Mass fuel in partial/full substitute of Coal. The PP have been advised by TNPCB to approach the esteemed SEIAA for grant of such amendment.*

*Therefore, the PP request the esteemed State Level Environment Impact Assessment Authority (SEIAA), Tamil Nadu to amend the Environmental Clearance dated 01.04.2015 as below,*

*Page no. 5 of 12; point no. 2 of 40 - in the Specific Conditions: -*

| <i>Existing</i>  | <i>To read as</i>  |
|--|--|
| <i>"100% imported coal from Indonesia shall be used as fuel for the captive power plant as reported. No other fuel including domestic coal / Indian coal shall be used in the power plant. "</i> | <i>"Coal and Biomass at any ratio shall be used as fuel for captive power plant"</i> |

*As the esteemed SEIAA is fully aware, biomass is a green fuel and its usage is considered environment friendly (as per EIA 2006, use of Bio-fuel upto generation of 15 MW is exempted from EC). We also wish to inform that our existing as well as proposed standby Boiler are designed for using any ratio of Coal and Biomass."*

10. This proposal was placed in the 315<sup>th</sup> meeting of SEAC held on 29.09.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend for **Amendment of Environmental Clearance** dated 01.04.2015 as below,

Page no. 5 of 12; point no. 2 of 40 - in the Specific Conditions: -

| Before EC Amendment   | After EC Amendment  |
|---|---|
| "100% imported coal from Indonesia shall be used as fuel for the captive power plant as reported. No other fuel including domestic coal / Indian coal shall be used in the power plant. " | Minimum 25% power generation shall be from biomass on an annual basis. Rest can be Coal. The Sulphur content of the coal used should not exceed 0.5 % and ash content should not exceed 10%". |

All other conditions stipulated in Environmental clearance vide SEIAA-TN/F.No.1941/TVLI/5(i)&1(d)/ec-12/2013 dated 01.04.2015 remains unaltered.

Subsequently, this proposal was placed in the 561<sup>st</sup> Authority meeting held on 18.10.2022. After detailed discussion the Authority decided to request the Member Secretary SEIAA-TN to refer back the proposal to SEAC-TN stating the following reasons,

1. What are the sources of the Biomass and nature of the Biomass to be used ex. Wood, pellets, brickets, agricultural wastes etc.,
2. What is the anticipated carbon emission by the use of 25% Biomass & rest of coal?
3. What is the Carbon Neutral Strategy being adopted for the production of Paper and Pulp?
4. Biomass may release chemical and other pollutants in air and what are the control strategies as they are likely to affect people around if it is not controlled.

  
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5. What are the plans for the use of Biomass ash, generated as it can lead to ground water and soil contamination.
6. What are the health safety precautions for workers from use of Biomass & coal to prevent Respiratory diseases, Neuro generative diseases and other health impacts and disorders.
7. How safe for the combustion technology for Biomass use.
8. What is the in-house research and technologies contemplated for use of Biomass.
9. Will the source of Biomass affect, land degradation and result in deforestation.

Now, the proposal was placed in this 325<sup>th</sup> meeting of SEAC held on 03.11.2022. The PP has furnished a detailed reply covering the points raised by SEIAA. The Committee carefully examined the points raised by SEIAA and the replies given by the PP and decided to **reiterate its recommendation already made in 315<sup>th</sup> meeting of SEAC held on 29.09.2022.** All other conditions stipulated in the earlier minutes recommended in the 315<sup>th</sup> meeting of SEAC will remain unaltered.

1. As accepted by the Project proponent the CER cost is Rs. 20.0 lakhs and the amount shall be spent for the Union Primary School, Kothamangalam(west), Pudukkottai as committed before obtaining CTO from TNPCB.

**Agenda No: 325-5**

**(File No: 8038/2022)**

**Proposed Apostolic Christian Assembly Avadi Ministry – Garden Church and Convention centre at S.F. Nos. 58/1 & 57/2 of Melpakkam Village and 16/2A & 18/1 of Veeraraghavapuram Village, Thiruverkadu Municipality, Thiruvallur District, Tamil Nadu by M/s. Apostolic Christian Assembly - For Environmental Clearance. (SIA/TN/MIS/183202/2022 Dt. 13.09.2022)**

The proposal was placed in this 325<sup>th</sup> SEAC Meeting held on 03.11.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Project Proponent, M/s. Apostolic Christian Assembly has applied for Environmental Clearance for the Proposed Apostolic Christian Assembly Avadi

  
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Ministry – Garden Church and Convention centre at S.F. Nos. 58/1 & 57/2 of Melpakkam Village and 16/2A & 18/1 of Veeraraghavapuram Village, Thiruverkadu Municipality, Thiruvallur 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.
4. Earlier, this proposal was placed in the 313<sup>rd</sup> SEAC Meeting held on 22.09.2022. Based on the presentation & documents furnished, the PP has completed the project without obtaining EC and has also not applied during the window period, this has to be treated as violation case under SoP notified by the MoEF & CC outside the window period.

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

Based on the presentation & documents furnished, since the PP has completed the project 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.

  
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Subsequently, this proposal was placed in the 558<sup>th</sup> SELAA meeting held on 10.10.2022. Authority noted the 313<sup>rd</sup> SEAC minutes of the meeting held on 22.09.2022 as follows:

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/183202/2022 dated 13.09.2022. 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
  - i. MOEF &CC vide O.M F.No 22-21/2020-1A.III dated 07.07.2021 has issued standard operating procedure (SoP) for identification and handling of violation cases under ELA 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.22-21/2020-1A 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.

Now, the proposal was placed in this 325<sup>th</sup> SEAC Meeting held on 03.11.2022. During the meeting the Committee noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

**Agenda No: 325-06**

**(File No: 6415/2020)**

Proposed expansion of existing hospital under violation category at s.F.Nos.1020, 1027 & 1055/2, at Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by M/s G Kuppuswamy Naidu Memorial Hospital - For Environmental Clearance under violation. (SIA/TN/MIS/204022/2021 dated:16.3.2021).

The proposal was placed in 325<sup>th</sup> meeting of SEAC held on 03.10.2022. The details of the project are available in the website (parivesh.nic.in).

During the meeting neither PP nor EIA co coordinator was present, hence SEAC decided to defer the proposal.

**Agenda No: 325-07**

**(File No: 7536/2020)**

Proposed Construction of Hotel / Serviced Residences/ Apart-Hotel / Office Cum Retail & EWS Apartment in T.S. No:1/1, 1/2, 1/3, 1/4, 1/12, 1/13 and 1/16 In Block:16 of Vadagaram Village, Aminjikarai Taluk Chennai District, Tamil Nadu by **THIRU AP. ARUNACHALAM** Represented By **AMPA Housing Development Private Limited** - For Environmental Clearance (SIA/TN/MIS/148089/2020, dated 09-03-2020)

The proposal was placed in 325<sup>th</sup> SEAC meeting held on 03.11.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

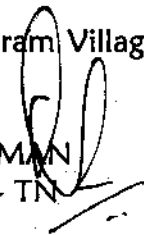
The SEAC noted the following:

1. The Project Proponent, **THIRU AP. ARUNACHALAM REPRESENTED BY AMPA HOUSING DEVELOPMENT PRIVATE LIMITED** has applied for Environmental Clearance for the Proposed Construction of Hotel / Serviced Residences/ Apart-Hotel / Office Cum Retail & EWS Apartment in T.S. No:1/1, 1/2, 1/3, 1/4, 1/12, 1/13 and 1/16 In Block:16 of Vadagaram Village, Aminjikarai Taluk Chennai District, Tamil Nadu.

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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 project comprises of
  - i. Block -A - Triple basement + Stilt +23 floors for purpose of hotel cum apartment having 128 dwelling units.
  - ii. Block-B - Double basement + Stilt+ 14 floors for purpose of EWS Apartment having 109 dwelling units.
  - iii. Block C – Utility Block.
4. Total land area is 15218 Sq.m & the total built-up area of the proposed hotel cum residential development is 105523.91 Sq.m.

| S. No | Description           | Details  |
|-------|-----------------------|--|
| 1.    | Name of the Project   | Proposed Construction of Hotel / Serviced Residencies / Apart-Hotel / Office Cum Retail & EWS Apartment  |
| 2.    | Location              | T.S.No.1/1,1/2, 1/3, 1/4, 1/12, 1/13 and 1/16 in Block 16 of Vadagaram village, Aminjikarai taluk, Chennai District  |
| 3.    | Type of Project       | Building and Construction Projects<br>Schedule 8 (a)   |
| 4.    | Latitude & Longitude  | 13°4'16.15"N<br>80°13'25.91"E  |
| 5.    | Total Area (in sq. m) | a) Total land area – 15,218 Sq.m<br>b) Total Ground Coverage area of Buildings– 4,831.34Sq.m<br>c) Internal road / Other Pathway area – 3,251.64Sq.m<br>d) Green Belt Area – 2,284.32 Sq.m<br>e) Surface or Open Parking area – 3,058Sq.m<br>f) STP, GWTP, Solid Waste Disposal and Other Utilities Area – 254.03 Sq.m<br>g) OSR area – 1538.67 Sq.m |
| 6.    | Built up area         | 1,05,523.91 sq.m   |
| 7.    | Cost of Project       | Rs.161,57,00,000   |

  
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|    |                                  |                        |                       |                      |                |                   |
|----|----------------------------------|------------------------|-----------------------|----------------------|----------------|-------------------|
| 8. | Brief description of the project | Floor Name             | Commercial FSI in Sqm | Residence FSI in Sqm | Parking in Sqm | Total Area in Sqm |
|    |                                  | Lower Basement Floor   | -                     | -                    | 8714.18        | 8714.18           |
|    |                                  | Upper Basement Floor   | -                     | -                    | 8656.14        | 8656.14           |
|    |                                  | Basement Floor         | -                     | 135.54               | 8886.91        | 9022.45           |
|    |                                  | Stilt Floor            | 1704.81               | 483.74               | 1850.65        | 4039.2            |
|    |                                  | 1 <sup>st</sup> Floor  | 3731.03               | 185.03               | -              | 3916.06           |
|    |                                  | 2 <sup>nd</sup> Floor  | 1336.14               | 1633.28              | -              | 2969.42           |
|    |                                  | 3 <sup>rd</sup> Floor  | 1712.3                | 643.72               | -              | 2356.02           |
|    |                                  | 4 <sup>th</sup> Floor  | 1102.31               | 1793.13              | -              | 2895.44           |
|    |                                  | 5 <sup>th</sup> Floor  | 1049.41               | 1793.13              | -              | 2842.54           |
|    |                                  | 6 <sup>th</sup> Floor  | 1102.31               | 1793.13              | -              | 2895.44           |
|    |                                  | 7 <sup>th</sup> Floor  | 1039.62               | 1793.13              | -              | 2832.75           |
|    |                                  | 8 <sup>th</sup> Floor  | 1102.31               | 1793.13              | -              | 2895.44           |
|    |                                  | 9 <sup>th</sup> Floor  | 1049.41               | 1793.13              | -              | 2842.54           |
|    |                                  | 10 <sup>th</sup> Floor | 1102.31               | 1793.13              | -              | 2895.44           |
|    |                                  | 11 <sup>th</sup> Floor | 1039.62               | 1793.13              | -              | 2832.75           |
|    |                                  | 12 <sup>th</sup> Floor | 1102.31               | 1793.13              | -              | 2895.44           |
|    |                                  | 13 <sup>th</sup> Floor | 1049.41               | 1793.13              | -              | 2842.54           |
|    |                                  | 14 <sup>th</sup> Floor | 1102.31               | 1793.13              | -              | 2895.44           |
|    |                                  | 15 <sup>th</sup> Floor | 1039.62               | 1793.13              | -              | 2832.75           |
|    |                                  | 16 <sup>th</sup> Floor | 1101.99               | 1793.13              | -              | 2895.12           |
|    |                                  | 17 <sup>th</sup> Floor | 960.81                | 1793.13              | -              | 2753.94           |
|    |                                  | 18 <sup>th</sup> Floor | 945.68                | 1900.40              | -              | 2846.08           |
|    |                                  | 19 <sup>th</sup> Floor | 945.67                | 1900.38              | -              | 2846.05           |
|    |                                  | 20 <sup>th</sup> Floor | 945.67                | 1900.38              | -              | 2846.05           |

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| Floor                  |                 |                 |                 |                |
|------------------------|-----------------|-----------------|-----------------|----------------|
| 21 <sup>st</sup> Floor | 964.11          | 1900.38         | -               | 2864.49        |
| 22 <sup>nd</sup> Floor | 945.72          | 1900.38         | -               | 2846.1         |
| 23 <sup>rd</sup> Floor | 959.69          | -               | -               | 959.69         |
| <b>Total</b>           | <b>29134.57</b> | <b>37687.05</b> | <b>28107.88</b> | <b>94929.5</b> |

**Built Up Area Statement – Block B**

| Floor Name             | Residence FSI in Sqm | Parking in Sqm | Total Area in Sqm |
|------------------------|----------------------|----------------|-------------------|
| Block B                |                      |                |                   |
| Lower Basement Floor   | 5.12                 | 1448.67        | 1458.91           |
| Upper Basement Floor   | 5.12                 | 1448.64        | 1458.88           |
| Stilt Floor            | 68.59                | 334.08         | 471.26            |
| 1 <sup>st</sup> Floor  | 447.77               | -              | 447.77            |
| 2 <sup>nd</sup> Floor  | 487.47               | -              | 487.47            |
| 3 <sup>rd</sup> Floor  | 487.47               | -              | 487.47            |
| 4 <sup>th</sup> Floor  | 487.47               | -              | 487.47            |
| 5 <sup>th</sup> Floor  | 487.47               | -              | 487.47            |
| 6 <sup>th</sup> Floor  | 487.47               | -              | 487.47            |
| 7 <sup>th</sup> Floor  | 487.47               | -              | 487.47            |
| 8 <sup>th</sup> Floor  | 487.59               | -              | 487.59            |
| 9 <sup>th</sup> Floor  | 487.59               | -              | 487.59            |
| 10 <sup>th</sup> Floor | 487.59               | -              | 487.59            |
| 11 <sup>th</sup> Floor | 487.59               | -              | 487.59            |
| 12 <sup>th</sup> Floor | 487.59               | -              | 487.59            |
| 13 <sup>th</sup> Floor | 487.59               | -              | 487.59            |
| 14 <sup>th</sup> Floor | 487.46               | -              | 487.46            |
| <b>Total</b>           | <b>6864.42</b>       | <b>3231.38</b> | <b>10095.81</b>   |

**Summary of Built-Up Area Statement**

| Components | Commercial | Residence FSI in Sqm | Parking in Sqm | Total Area in Sqm | Remarks |
|------------|------------|----------------------|----------------|-------------------|---------|
|------------|------------|----------------------|----------------|-------------------|---------|

  
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|  | a!<br>FSI<br>in<br>Sq<br>m |          |              |               |   |
|--|----------------------------|----------|--------------|---------------|---|
| Block -A<br>Hotel Cum<br>Restaurant<br>(Triple<br>basement<br>+ Stilt +23<br>floors) | 291<br>34.<br>6            | 37687.1  | 28107.9      | 94930         | 3Basemen<br>t consists<br>of<br>parking, S<br>+ 4<br>Floors<br>consists of<br>Hotel and<br>from 5th<br>to 22nd<br>floors<br>consists of<br>128<br>Dwelling<br>units and<br>23rd<br>floor<br>consists of<br>restaurant |
| Block -B<br>EWS<br>Apartment<br>(Double<br>basement<br>+ Stilt+ 14<br>floors)        | -                          | 6864.42  | 3231.38      | 10095.81      | 109<br>Dwelling<br>units  |
| Utility<br>Block   | 498<br>.10                 | -        | -            | 498.10        |   |
| Total  | 296<br>32.<br>67           | 44551.47 | 31339.2<br>6 | 105523.9<br>1 | 237<br>Dwelling<br>units  |

  
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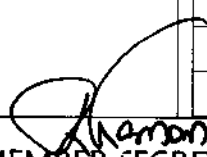
  
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|     |                                      |  |
|-----|--------------------------------------|--|
| 9.  | a) Water requirement KLD             | <p>Total water requirement – 771 KLD</p> <p>Fresh water requirement – 370 KLD</p> <ul style="list-style-type: none"> <li>i. Swimming Pool – 5 KLD</li> <li>ii. Domestic water requirement – 332 KLD</li> <li>iii. Laundry water requirement – 33 KLD</li> </ul> <p>Flushing water requirement – 113 KLD</p>  |
|     | b) Source                            | CMWSSB   |
| 10. | Quantity of Sewage KLD               | <p><b>During Operation Phase</b></p> <p>Sewage Generation – 396 KLD</p>  |
| 11. | Quantity of Sewage KLD               | <p><b>During Operation Phase</b></p> <p>ETP Generation – 28 KLD</p>  |
| 12. | Details of /Sewage Treatment Plant   | <p><b>Sewage Treatment Plant – 440 KLD capacity</b></p> <ul style="list-style-type: none"> <li>• Bar Screen Chamber</li> <li>• Equalization tank</li> <li>• Anoxic Tank</li> <li>• SBR Tank</li> <li>• Decant Tank</li> <li>• Sludge Holding Tank</li> <li>• Treated Water Tank</li> <li>• HVAC Makeup Water Tank</li> <li>• Pressure Sand Filter</li> <li>• Activated Carbon Filter</li> <li>• UV Disinfection system</li> <li>• Dewatering system – filter press with screw pumps</li> </ul> |
| 13. | Details of /Effluent Treatment Plant | <p><b>Effluent Treatment Plant – 28 KLD capacity</b></p> <ul style="list-style-type: none"> <li>• Bar Screen Chamber</li> <li>• Collection Tank</li> <li>• Reaction Tank</li> <li>• Settling Tank</li> <li>• Aeration Tank</li> <li>• Sludge Holding Tank</li> <li>• Clean Water Tank</li> <li>• Treated water tank</li> <li>• Pressure Sand Filter</li> <li>• Activated Carbon Filter</li> </ul>  |

  
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|   |  |   |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
|---|--|---|-------------------------------|-------------------|--|----------|------------|---|----------------------------------|-----|-----|----------------------------------|-----|-----|
| 14.   | Mode of Disposal of treated sewage with quantity   | Total Treated waste water – 401 KLD<br><br>i. HVAC – 274 KLD<br>ii. Toilet Flushing – 113 KLD<br>iii. Greenbelt Development & OSR – 14 KLD  |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 15.   | Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste | S.No  | Description                   | Quantity (kg/day) | Methods of Treatment / Disposal  |          |            |   |                                  |     |     |                                  |     |     |
|   |  | 1   | Biodegradable Waste (40%)     | 806               | Will be treated in OWC within the project site. Manure generated will be used for landscaping purpose within project site. |          |            |   |                                  |     |     |                                  |     |     |
|   |  | 2   | Non-Biodegradable Waste (60%) | 1209              | Waste will be sold to recyclers  |          |            |   |                                  |     |     |                                  |     |     |
|   |  | 3   | STP Sludge                    | 30                | Will be used as a Manure for greenbelt development   |          |            |   |                                  |     |     |                                  |     |     |
|   |  | 4.  | E-Waste                       | -                 | E waste will be sold to authorised recyclers & scrap vendors.  |          |            |   |                                  |     |     |                                  |     |     |
| 16.   | Power requirement  | 6654 KVA, Source of power – TNEB Grid<br><br>Solar Proposal<br><table><tr><td>Building</td><td>Load saved</td></tr><tr><td>50% of roof area will be allocated for solar panel.</td><td>601 KVA</td></tr></table>  |                               |                   |  | Building | Load saved | 50% of roof area will be allocated for solar panel. | 601 KVA                          |     |     |                                  |     |     |
| Building  | Load saved   |   |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 50% of roof area will be allocated for solar panel. | 601 KVA  |   |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 17.   | Details of D.G. set with Capacity  | 5 Nos. of 1500 KVA & 2 Nos. of 750 KVA (Stack height - 16m each)  |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 18.   | Details of Green Belt Area   | 2,284.32 Sq.m   |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 19.   | Details of Parking Area  | Total Parking area – 3,058 Sq.m<br><table><tr><td>Block A</td><td>Cars</td><td>Two Wheelers</td></tr><tr><td>3<sup>rd</sup> Basement Parking</td><td>229</td><td>396</td></tr><tr><td>2<sup>nd</sup> Basement Parking</td><td>209</td><td>361</td></tr></table> |                               |                   |  | Block A  | Cars       | Two Wheelers  | 3 <sup>rd</sup> Basement Parking | 229 | 396 | 2 <sup>nd</sup> Basement Parking | 209 | 361 |
| Block A   | Cars   | Two Wheelers  |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 3 <sup>rd</sup> Basement Parking                    | 229  | 396   |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |
| 2 <sup>nd</sup> Basement Parking                    | 209  | 361   |                               |                   |  |          |            |   |                                  |     |     |                                  |     |     |

  
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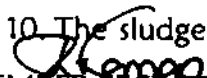
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|   |                                     |  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
|---|-------------------------------------|--|---|---------|---|----------------------------------|--|--------|---|-----|-----|-----------------------------------|----|---|------------------------|-----|------|-----------------------------------|----|---|------------------------|-----|-----|
|   |                                     | <table><tr><td>1<sup>st</sup> Basement Parking</td><td>311</td><td>581</td></tr><tr><td>Stilt Floor Parking</td><td>13</td><td>71</td></tr><tr><td>Surface parking</td><td>105</td><td>-</td></tr><tr><td>Differently abled surface parking</td><td>59</td><td>-</td></tr><tr><td>Achieved total Parking</td><td>926</td><td>1359</td></tr></table>  | 1 <sup>st</sup> Basement Parking                                      | 311     | 581   | Stilt Floor Parking              | 13   | 71     | Surface parking   | 105 | -   | Differently abled surface parking | 59 | - | Achieved total Parking | 926 | 1359 |                                   |    |   |                        |     |     |
| 1 <sup>st</sup> Basement Parking  | 311                                 | 581  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Stilt Floor Parking   | 13                                  | 71   |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Surface parking   | 105                                 | -  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Differently abled surface parking   | 59                                  | -  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Achieved total Parking  | 926                                 | 1359   |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
|   |                                     | <table><tr><td>Block B</td><td>Cars</td><td>Two Wheelers</td></tr><tr><td>2<sup>nd</sup> Basement Parking</td><td>36</td><td>7</td></tr><tr><td>1<sup>st</sup> Basement Parking</td><td>17</td><td>117</td></tr><tr><td>Stilt Floor Parking</td><td>8</td><td>-</td></tr><tr><td>Surface parking</td><td>28</td><td>-</td></tr><tr><td>Differently abled surface parking</td><td>12</td><td>-</td></tr><tr><td>Achieved total Parking</td><td>101</td><td>124</td></tr></table>  | Block B   | Cars    | Two Wheelers  | 2 <sup>nd</sup> Basement Parking | 36   | 7      | 1 <sup>st</sup> Basement Parking  | 17  | 117 | Stilt Floor Parking               | 8  | - | Surface parking        | 28  | -    | Differently abled surface parking | 12 | - | Achieved total Parking | 101 | 124 |
| Block B   | Cars                                | Two Wheelers   |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| 2 <sup>nd</sup> Basement Parking  | 36                                  | 7  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| 1 <sup>st</sup> Basement Parking  | 17                                  | 117  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Stilt Floor Parking   | 8                                   | -  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Surface parking   | 28                                  | -  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Differently abled surface parking   | 12                                  | -  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Achieved total Parking  | 101                                 | 124  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| 20.   | Provision for rain water harvesting | <p>Total runoff – 8345 m<sup>3</sup></p> <table><tr><td>Considering 50 rainy days per Annum, per day rainwater runoff will be</td><td>167 cum</td></tr><tr><td>Rainwater collection Tank provided for storing 100% of the roof area. Per day Roof area Rain fall collection is 99 Cum (300 m<sup>3</sup> Underground Rainwater storage tank Proposed)</td><td>99 cum</td></tr><tr><td>Remaining rainwater from paved and open areas will be filtered using sedimentation tank and sent to Rainwater collection Tank of 80 Cu.m</td><td>68 cum</td></tr><tr><td colspan="2">100 % of rainwater managed inside by storage and recharge within the site</td></tr></table> | Considering 50 rainy days per Annum, per day rainwater runoff will be | 167 cum | Rainwater collection Tank provided for storing 100% of the roof area. Per day Roof area Rain fall collection is 99 Cum (300 m <sup>3</sup> Underground Rainwater storage tank Proposed) | 99 cum                           | Remaining rainwater from paved and open areas will be filtered using sedimentation tank and sent to Rainwater collection Tank of 80 Cu.m | 68 cum | 100 % of rainwater managed inside by storage and recharge within the site |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Considering 50 rainy days per Annum, per day rainwater runoff will be   | 167 cum                             |  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Rainwater collection Tank provided for storing 100% of the roof area. Per day Roof area Rain fall collection is 99 Cum (300 m <sup>3</sup> Underground Rainwater storage tank Proposed) | 99 cum                              |  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| Remaining rainwater from paved and open areas will be filtered using sedimentation tank and sent to Rainwater collection Tank of 80 Cu.m  | 68 cum                              |  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| 100 % of rainwater managed inside by storage and recharge within the site   |                                     |  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| 21.   | EMP Cost (Rs.)                      | <p><b>During Construction Phase</b></p> <p>Capital Cost – Rs. 13.25 Lakhs</p> <p>O &amp; M Cost – Rs. 4.5 Lakhs</p> <p><b>During Operation Phase</b></p> <p>Capital Cost – Rs. 137 Lakhs</p> <p>Recurring Cost – Rs. 34 Lakhs</p>  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |
| 22.   | CER activities                      | Rs. 1 Crore - Improvement of school infrastructure, sanitation facility, library.  |   |         |   |                                  |  |        |   |     |     |                                   |    |   |                        |     |      |                                   |    |   |                        |     |     |

|                                       |  |
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| with the specific allocation of funds | <p>drinking water treatment plant, solar lighting &amp; smart class (LED Projector with computer), furniture, development of sports facilities, Greenbelt development, additional classrooms for schools mentioned below</p> <p>i. Government Higher Secondary School, Arumbakkam<br/>ii. Government School, Choolaimedu</p> <p>2. Lifelong Maintenance of minimum 50 numbers of Government Schools through Ampa Valliammai Achi Trust as committed.</p> |
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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 shall obtain IGBC Platinum rating for the construction project.
2. The residents should not be charged for treatment of wastewater.
3. The proponent shall ensure that the treated wastewater should not be discharged in to the Cooum River and ensure Zero Liquid Discharge.
4. The project proponent shall maintain minimum 15% green belt as committed and in addition to that the proponent shall convert the 20% area of surface parking as green cover.
5. 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.
6. PP shall ensure that minimum 50% of capacity of DG sets which are proposed to be set up 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  
  
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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. 100 lakhs and the amount shall be spent for the activities as committed by the proponent which shall include

A. Improvement of school infrastructure, sanitation facility, library, drinking water treatment plant, solar lighting & smart class (LED Projector with computer), furniture, development of sports facilities,

  
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Greenbelt development, additional classrooms for schools mentioned below

iii. Government Higher Secondary School, Arumbakkam

iv. Government School, Choolaimedu

B. Lifelong Maintenance of toilet complexes in at least 50 number of Government Schools through Ampa Valliammai Achi Trust as committed.

**Agenda No: 325-08**

**(File No: 640/2022)**

**Proposed Construction of Residential Building at S.F.No. 451, 453, 455, 457/1, 2A, 3B, 3C, 3D, 3E, 459/1, 2, 3C, 3D, 3E, 459/1, 2, 3C, 3D, 4, 5, 6, 460/1, 2A, 2B, 4, 466/1B, 470, 471/1, 2, 3, 473/1A1, 1A2, 1B, 478/1A, 1B, 2B, 2C, 2D, 3A, 3B, 479/1, 2,3, 480 & 481, Thiruvallur District, Tamilnadu by M/s. Tata Value Homes Limited - For Extension in Environmental Clearance issued. (SIA/TN/MIS/282293/2022 dated 07.07.2022)**

The proposal was placed in 325<sup>th</sup> meeting of SEAC held on 03.10.2022. The details of the project are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Project Proponent was issued with Environmental Clearance vide Lr.No.SEIAA/TN/F.640/EC/176/8(a)/2013 dated 13.06.2013 in the name of M/s. Smart Value Homes.
2. Then, the proponent has obtained name change amendment in the name of M/s. Tata Value Homes Limited along with EC validity extension vide Lr.No.SEIAA-TN/F.640/EC/8(a)/176/EC-Ext/Amend/2013 dated:23.11.2020 with validity extended upto 12.06.2022.
3. Now, the proponent has submitted an application requesting EC Validity Extension upto 12.06.2025 and also the following amendment in the EC issued earlier:

| Sl. No. | Description | Approved in Earlier EC | Seeking EC Amendment          | Remarks |
|---------|-------------|------------------------|-------------------------------|---------|
|         |             | Dated 13.06.2013       | (As Per Revised Cmda Approved |         |
|         |             |                        |                               |         |

  
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| Plan<br>Dt: 02.2020 |                     |                |                |   |
|---------------------|---------------------|----------------|----------------|---|
| 1                   | Total site area     | 71,225.60 Sq.m | 75060.40 Sq.m  | Land area relinquished to CMDA for 12M wide link road (3834.8 Sq.m) to access temple land and pond was excluded in our EC. But CMDA has approved the project including the relinquished land area for area computation as cited in CMDA approved plans. |
| 2                   | Total built-up area | 95,630.02 Sq.m | 99,588.27 Sq.m | The differential area of 3958.25 is due to the revised methodology followed by CMDA for area computation by EDCR software following revised building norms notified in G.O Ms.No.18 (TAMILNADU COMBINED DEVELOPMENT AND BUILDING RULES, 2019)           |

Based on the presentation & details furnished by the PP, the SEAC decided to recommend the above mentioned amendments, as requested, in the existing EC issued along with extension of validity of EC upto 11.06.2025, subject to the following conditions.

1. The existing conditions as mentioned in the EC vide Lr.No.SEIAA/TN/F.640/EC/176/8(a)/2013 dated 13.06.2013 remains unaltered.

  
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**Agenda No: 325-09**

**(File No: 325/2010)**

**Proposed Software Development Complex at S.No.240Pt of Siruseri Village & 117Pt of Kazhipattur Village, SEZ SIPCOT IT Park, Chengalpattu Taluk, Chengalpattu District, Tamil Nadu by M/s.Cognizant Technology Solutions India Private Limited - For Extension of Environmental Clearance.(SIA/TN/MIS/261270/2022 dated 11.03.2022)**

The proposal was placed in this 325<sup>th</sup> Meeting of SEAC held on 03.11.2022. 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, M/s Cognizant Technology Solutions India Private Limited has applied for Extension of Environmental Clearance for Proposed Construction of Software Development Complex at S.No.240Pt of Siruseri Village & 117Pt of Kazhipattur Village, Chengalpattu Taluk, Chengalpattu 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. Environmental Clearance was issued vide Letter No.SEIAA/TN/EC/8(a)/097/F-325/2010/dt 14.10.2010.

The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

**Agenda No: 325-10**

**(File No: 6831/2019)**

**Proposed expansion of Methyl Ethyl Ketone and Secondary Butyl Alcohol & Proposed production of Methyl Iso Butyl Carbinol, Phenyl Propyl Alcohol and Mixed Alcohols production capacity from 24050 TPA to 46050 TPA at S.F.No.268, 269, 270, 271, 272 & 273, S.F No. 67/7, 67/8, 67/9, 67/10, 74/1, 75/4, 75/5, 76/1, 76/2, 77/1, 77/2, 77/3, 77/4, 77/5, 77/6, 77/7, 77/8, 78/1, 78/2, 78/3, 79/1, 79/2, 79/3, 79/4, 79/5, 79/6, 79/7, 79/8, & 79/9 Sathangadu and Chinnasekkadu Village, Tiruvottiyur Taluk Thiruvallur District, Tamil Nadu by M/s Cetex petrochemicals Limited - For Amendment of Environmental Clearance. (SIA/TN/IND3/291735/2022 dated 13.09.2019)**

  
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The proposal was placed in this 325<sup>th</sup> Meeting of SEAC held on 03.11.2022. 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, M/s Cetex petrochemicals Limited has applied for Amendment of Environmental Clearance for Proposed expansion of Methyl Ethyl Ketone and Secondary Butyl Alcohol & Proposed production of Methyl Iso Butyl Carbinol, Phenyl Propyl Alcohol and Mixed Alcohols production capacity from 24050 TPA to 46050 TPA at S.F.No.268, 269, 270, 271, 272 & 273, S.F No. 67/7, 67/8, 67/9, 67/10, 74/1, 75/4, 75/5, 76/1, 76/2, 77/1, 77/2, 77/3, 77/4, 77/5, 77/6, 77/7, 77/8, 78/1, 78/2, 78/3, 79/1, 79/2, 79/3, 79/4, 79/5, 79/6, 79/7, 79/8, & 79/9 Sathangadu and Chinnasekkadu Village, Tiruvottiyur Taluk Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 5 (f) Synthetic organic chemicals industry (dyes & dye intermediates bulk) of the Schedule to the EIA Notification, 2006.

The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

**Agenda No: 325-11**

**(File No: 7370/2016)**

**Existing Distillery Unit with the capacity of 60 KLPD at S.F.No. 379/2, 380/2B, 382/2, 384, 455/3, 455/4, Udumbiyum Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu by M/s. Dhanalakshmi Srinivasan Sugars Private Limited (Distillery Unit) - For Amendment of Environmental Clearance. (SIA/TN/IND2/42942/2008 dated 16.09.2019)**

The proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. 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, M/s. Dhanalakshmi Srinivasan Sugars Private Limited (Distillery Unit) has applied for Amendment of Environmental Clearance for the Existing Distillery Unit with the capacity of 60 KLPD at S.F.No. 379/2.

  
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380/2B, 382/2, 384, 455/3, 455/4 Udumbiyum Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu.

2. The project/activity is covered under Category "B" of Item 5 (g) Distilleries of the Schedule to the EIA Notification, 2006.
3. The PP has obtained Environmental Clearance vide F.No. J-11011/1316/2007-IA II (I) dated 10.12.2008 for having capacity of 60 KLPD, Rectified Spirit - 10 KLPD, Extra Neutral Alcohol (ENA)/ Anhydrous Alcohol-40 KLPD and Ethanol-10 KLPD.
4. Now the PP has applied for amendment for change in the production capacity as Rectified Spirit - 60 KLPD (or) Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 60 KLPD (or) Ethanol-60 KLPD, without increasing the consented quantity.

| Description         |  | Detail   |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
|---------------------|--|--|-------------|------|--|----------|-----------------|---------------|--------------|--------------|---------------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------------|---------------|
| 1.                  | Name of the Project  | M/S. Dhanalakshmi Srinivasan Sugar Private Limited (Distillery Unit)   |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| 2.                  | Location   | S.F. Nos. 379/2, 380/2B, 382/2, 384, 455/3, 455/4<br>Udumbiyum Village, Veppanthattai Taluk<br>Perambalur District |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| 3.                  | Type of Project  | Schedule 5 (g) Distilleries  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| 4.                  | New Project/<br>Expansion New  | Amendment in Environmental Clearance.  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| 5.                  | Total land Area (Ha) – 10.19 Hectares<br>Land use classification- Unclassified area <table border="1"> <thead> <tr> <th rowspan="2">Description</th><th colspan="2">Area</th></tr> <tr> <th>Existing</th><th>After Amendment</th></tr> </thead> <tbody> <tr> <td>Built-up Area</td><td>7.29 Hectare</td><td>7.29 Hectare</td></tr> <tr> <td>Solid Waste Storage</td><td>0.1 Hectare</td><td>0.1 Hectare</td></tr> <tr> <td>Greenbelt area</td><td>2.5 Hectare</td><td>2.5 Hectare</td></tr> <tr> <td>Vacant Area</td><td>0.3 Hectare</td><td>0.3 Hectare</td></tr> <tr> <td>Total Area</td><td>10.19 Hectare</td><td>10.19 Hectare</td></tr> </tbody> </table> |  | Description | Area |  | Existing | After Amendment | Built-up Area | 7.29 Hectare | 7.29 Hectare | Solid Waste Storage | 0.1 Hectare | 0.1 Hectare | Greenbelt area | 2.5 Hectare | 2.5 Hectare | Vacant Area | 0.3 Hectare | 0.3 Hectare | Total Area | 10.19 Hectare | 10.19 Hectare |
| Description         | Area   |  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
|                     | Existing   | After Amendment  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| Built-up Area       | 7.29 Hectare   | 7.29 Hectare   |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| Solid Waste Storage | 0.1 Hectare  | 0.1 Hectare  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| Greenbelt area      | 2.5 Hectare  | 2.5 Hectare  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| Vacant Area         | 0.3 Hectare  | 0.3 Hectare  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| Total Area          | 10.19 Hectare  | 10.19 Hectare  |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |
| 6.                  | Cost of Project  | Existing-Rs.82.26 Crores   |             |      |  |          |                 |               |              |              |                     |             |             |                |             |             |             |             |             |            |               |               |

|        |                                       |   |                 |  |
|--------|---------------------------------------|---|-----------------|--|
|        |                                       | After expansion- Rs. 82.26 Crores (There will not be any addition)  |                 |  |
| 7.     | Brief description of the project      | 60 KLPD (Rectified Spirit (RS) / Extra Neutral Alcohol (ENA) / Anhydrous Alcohol / Ethanol)                       |                 |  |
| 8.     | Raw Materials                         | Cane Molasses – 225 T/Day<br>Nutrients – 97 Kgs/Day<br>Antifoam Oil – 115 Kg/Day<br>Sulphuric Acid – 110 Kgs/Day. |                 |  |
| 9.     | Water requirement                     |   |                 |  |
|        |                                       | Description   | Existing (KLD)  | After Amendment (KLD)  |
|        |                                       | Cooling water makeup  | 380.0           | 380.0  |
|        |                                       | Molasses dilution   | 360.0           | 360.0  |
|        |                                       | Domestic Purpose  | 4.0             | 4.0  |
|        |                                       | Boiler – Steam  | 40.0            | 40.0   |
|        |                                       | Greenbelt   | 10.0            | 10.0   |
|        |                                       |   | 794.0           | 794.0  |
|        |                                       | By Water recycling from Spent lees, steam condensate and evaporator condensate                                    | 204.0           | 204.0  |
|        |                                       | Raw water requirement for distillery  | 590.0           | 590.0  |
| 10.    | Details of Effluent /Sewage Treatment |   |                 |  |
|        |                                       | Discharge in KLD  |                 | Method of treatment  |
| S. No. | Category                              | Current   | After Amendment |  |
| 1      | Concentrated Spent Wash               | 180   | 180             | Burning in Boiler as Fuel  |
| 2      | Evaporate Vapour Condensate           | 450   | 450             | ETP recycling condensate from Evaporator   |
| 3      | Sewage                                | 3.2   | 3.2             | Septic tank size (3.0 x 2.0 x 2.0 m) with Dispersion trench size (3.4 x 3.4 x 1.2 m) |

  
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|     |  |                      |   |                  |                    |
|-----|--|----------------------|---|------------------|--------------------|
| 11. | Air Pollution Control Measures   |                      |   |                  |                    |
|     | Stack No.  | Sources of Emission  | Details of APC measures   |                  |                    |
|     | 1  | Fermenter            | CO <sub>2</sub> scrubber followed by CO <sub>2</sub> capturing Plant. |                  |                    |
|     | 2  | Boiler – 17 T/Hr     | Bag Filters with stack of 55m has been provided.                      |                  |                    |
| 12. | Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste |                      |   |                  |                    |
|     | S.No   | Solid Wastes         | Quantity (T/D)  |                  | Method of Disposal |
|     |  |                      | Existing  | After Amendme nt |                    |
|     | 1  | Settled yeast sludge | 3.0   | 3.0              | Used as manure     |
|     | 2  | Boiler Ash           | 18.0  | 18.0             | Used as manure     |
| 13. | EMP  |                      | Capital Cost – 103.5 Lakh<br>Recurring Cost – 9.0 Lakh                |                  |                    |
| 14. | CER activities   |                      | 10 Lakhs  |                  |                    |

Based on the presentation and documents furnished by the project proponent. SEAC decided to recommend for Amendment of Environmental Clearance for change in the production capacity as Rectified Spirit - 60 KLPD (or) Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 60 KLPD (or) Ethanol-60 KLPD.

1. As accepted by the Project Proponent the CER cost is Rs. 10 lakhs and the amount shall be spent on the committed activities for two Tribal School before obtaining CTO from TNPCB.
2. All other conditions stipulated in Environmental clearance vide F.No. J-11011/1316/2007-IA II (I) dated 10.12.2008 remains unaltered.

  
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The proposal was placed in the 561<sup>st</sup> Authority meeting held on 18.10.2022. The authority noted that this proposal was placed for appraisal in 315<sup>th</sup> meeting of SEAC held on 29.09.2022 and the SEAC decided to recommend for Amendment of Environmental Clearance for change in Rectified Spirit - 60 KLPD (or) Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 60 KLPD (or) Ethanol-60 KLPD.

**The authority noted that,**

- (i) The EC cannot be given to 3 products and the PP shall mention the specific product.
- (ii) The PP has now applied for change in Rectified Spirit - 10 KLPD to Rectified Spirit - 60 KLPD, Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 40 KLPD to Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 60 KLPD and Ethanol-10 KLPD to Ethanol-60 KLPD. Hence the committee shall appraise whether it is an expansion activity.
- (iii) The PP shall furnish in details about change in process, process modification and change in emission for all the products.
- (iv) The PP shall furnish in detail about storage, handling and capacity utilization mechanism.
- (v) The PP shall submit an affidavit that the PP shall not manufacture bio-ethanol/blended ethanol.

In view of the above, the authority after detailed discussion decided to refer back the proposal to SEAC for re-appraisal.

Now the proposal was placed in this 325<sup>th</sup> Meeting of SEAC held on 03.11.2022. The PP has requested additional time. Hence the committee decided to defer the proposal.

  
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**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>Adenaanthera pavonina</i>    | Manjadi           | மஞ்சள, 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 ceiba</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 sweitenia</i>    | Purasamaram       | புரக மரம்             |
| 16 | <i>Cochlospermum religiosum</i> | Kongu, Marjallavu | கோங்கு, மஞ்சள் இலவு   |
| 17 | <i>Cordia dichotoma</i>         | Naruvuli          | நருவூலி               |
| 18 | <i>Creteva adansonii</i>        | Mavalingum        | மாவிலங்கம்            |
| 19 | <i>Dillenia indica</i>          | Uva, Uzha         | உசா                   |
| 20 | <i>Dillenia pentagyna</i>       | SiruUva, Sitruzha | சிறு உசா              |
| 21 | <i>Diospyro sebum</i>           | Karungali         | கருங்காலி             |
| 22 | <i>Diospyro schloroxylon</i>    | Vaganai           | வாகனை                 |
| 23 | <i>Ficus amplissima</i>         | Kallitchi         | கல் இச்சி             |
| 24 | <i>Hibiscus tiliaceu</i>        | Aatrupoovarasu    | ஆற்றிப்பூவரசு         |
| 25 | <i>Hardwickia binata</i>        | Aacha             | ஆச்சா                 |
| 26 | <i>Holoptelia integrifolia</i>  | Aayili            | ஆயா மரம், ஆயிலி       |
| 27 | <i>Lannea coromandelica</i>     | Odham             | ஒதிமம்                |
| 28 | <i>Lagerstroemia speciosa</i>   | Poo Marudhu       | பூ மருது              |
| 29 | <i>Lepisanthus tetraphylla</i>  | Neikottaimaram    | நெய் கொட்டை மரம்      |
| 30 | <i>Linomia acidissima</i>       | Vila maram        | விலா மரம்             |
| 31 | <i>Litsea glutinos</i>          | Pisinpattai       | அளம்பா, பிசிப்படை     |
| 32 | <i>Madhuca longifolia</i>       | Iluppai           | இலுப்பை               |
| 33 | <i>Manilkara hexandra</i>       | UllakkaiPaalai    | உலக்கை பாலை           |
| 34 | <i>Minusops elengi</i>          | Magizhamaram      | மகிழ்மரம்             |
| 35 | <i>Mitragyna parvifolia</i>     | Kadambu           | கடம்பு                |
| 36 | <i>Morinda pubescens</i>        | Nuna              | நுனை                  |
| 37 | <i>Morinda citrifolia</i>       | Vellai Nuna       | வெள்ளை நுனை           |
| 38 | <i>Phoenix sylvestre</i>        | Eachai            | எச்சமரம்              |
| 39 | <i>Pongamia pinnat</i>          | Pungam            | புங்கம்               |

|    |                                |                         |                              |
|----|--------------------------------|-------------------------|------------------------------|
| 40 | <i>Premna mollissima</i>       | Munnai                  | முன்னை                       |
| 41 | <i>Premna serratifolia</i>     | Narumunnai              | தறு 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          | வேண்டாங்கு                   |
| 46 | <i>Pterospermum xylocarpum</i> | Polavu                  | பூவு                         |
| 47 | <i>Putranjiva roxburghii</i>   | Karipala                | கரிபலா                       |
| 48 | <i>Salvadora persica</i>       | Ugaa Maram              | ஊகா மரம்                     |
| 49 | <i>Sapindus emarginatus</i>    | Manipungan,<br>Soapukai | மணிப்புங்கன்<br>சோப்புக்காய் |
| 50 | <i>Saraca asoca</i>            | Asoca                   | அசோகா                        |
| 51 | <i>Streblus asper</i>          | Piray maram             | பிராய் மரம்                  |
| 52 | <i>Strychnos nuxdomic</i>      | Yetti                   | எட்டி                        |
| 53 | <i>Strychnos potatorum</i>     | Therthang Kottai        | தேத்தன் கொட்டை               |
| 54 | <i>Syzygium cumini</i>         | Navai                   | நாவல்                        |
| 55 | <i>Terminalia belleric</i>     | Thandri                 | தாந்தரி                      |
| 56 | <i>Terminalia arjuna</i>       | Ven marudhu             | வேன் மருது                   |
| 57 | <i>Toona ciliata</i>           | Sandhana venbu          | சந்தன வேம்பு                 |
| 58 | <i>Thespesia populnea</i>      | Puvarasu                | பூவரசு                       |
| 59 | <i>Walsuratrifoliata</i>       | valsura                 | வால்கரா                      |
| 60 | <i>Wrightia tinctoria</i>      | Veppalai                | வேப்பலை                      |
| 61 | <i>Pithecellobium dulce</i>    | Kodukkapuli             | கொடுக்காப்பளி                |

  
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