

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 276th State Expert Appraisal Committee (SEAC) held on 21st May 2022 (Saturday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for appraisal of Building and Construction Projects, Townships and Area Development Projects & Mining Projects through online and offline mode.

Agenda No: 276-1

(File No: 9118/2022)

Proposed construction of residential building at S.No. 19/1, 19/2, 19/6, 19/7, 19/8 of Tambaram Village, Tambaram Taluk, Chengalpattu District, Tamil Nadu by M/s.LML Homes LLP- For Environmental Clearance (SIA/TN/MIS/261135/2022, dated 11.03.2022).

The proposal was placed in this 276th SEAC meeting held on 21.5.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, M/s.LML Homes LLP, has applied for Environmental Clearance for the proposed construction of residential building at S.No. 19/1, 19/2, 19/6, 19/7, 19/8 of Tambaram Village, Tambaram Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building & Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of – Block A: Basement Floor+ Stilt floor+ 12 Floors with 192 Nos of dwelling units with plot area – 5800 Sq.m and built up area – 25436.44 Sq.m.


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

1. The building shall conform to minimum of IGBC Platinum green building norms and shall obtain IGBC certificate in this regard before obtaining CTO from TNPCB.


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2. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body for before obtaining CTO.
3. The project proponent shall provide STP of capacity 155 KLD and treated water shall be utilized for flushing, green belt and avenue plantation after obtaining necessary permission from competent Authority.
4. The PP shall adopt BOT contract so that the STP is maintained by the builder of STP for a minimum period of 10 years.
5. The PP shall analyse the treated wastewater samples periodically through TNPCB.
6. The treated/untreated sewage water shall not be let-out from the unit premises.
7. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor within the project site as committed and non- bio-degradable waste to should be sent to authorized recyclers as committed.
8. The height of the stacks of DG sets shall be provided as per the CPCB norms.
9. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc, to TNPCB before obtaining CTO.
10. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for toilet flushing. Green belt development & OSR and no treated water be let out of the premise.
11. The sludge generated from the sewage treatment plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
12. The proponent shall provide the separate wall between the STP, GWTP and OSR area as per the layout furnished and committed.
13. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **Appendix**, in consultation with the State Forest and Horticulture Departments. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
14. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest


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authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.

15. The proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
16. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
17. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
18. No waste of any type to be disposed of in any other way other than as per the concerned regulations in force.
19. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in air, noise, solid waste disposal, sewage treatment & disposal etc., shall be followed strictly.
20. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
21. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring of the health of construction workers during COVID and post-COVID period.
22. The project proponent shall measure the criteria air pollutants data (including CO) due to vehicular traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
23. Generation of the solar/renewable energy should not be less than 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
24. The grant of this E.C. is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed

under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

25.As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.

26.The Project Proponent stated that an amount Rs. 75 lakhs shall be spent as CER and the amount shall be spent for development of greenery and infrastructure facilities in Tambaram Sanatorium Hospital (Rs. 50 lakhs) in consultation with the Health Department authorities and for the following activities in Government Higher Secondary School, Perungalathur, Tambaram Municipal Government Higher Secondary School & MBN Government Girls Higher Secondary School, Chrompet (Rs.25 Lakhs)

Improvement of school infrastructure, sanitation facility, library, drinking water treatment plant, solar lighting & smart classroom, furniture, development of sports facilities, greenbelt development, additional classrooms.

Agenda No: 276-2

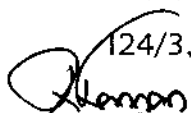
(File No: 9119/2022)

Proposed Expansion of IT/ITES development at S.No. 119/1, 120/1, 120/2, 120/3, 121, 122, 123/1, 123/2, 123/3, 124/1, 124 /2, 124/3, 125/1A1, 125/1A2, 125/1A3, 125/1B1, 125/1B2, 126, 127/2, 128/1 & 128/2 of Ramapuram Village, Maduravoyal Taluk and S.No. 25/1, 26/1, 27/1 Manapakkam village, Alandur Taluk, Chennai District, Tamil Nadu by M/s Larsen & Toubro Limited- Terms of reference (SIA/TN/MIS/72883/2022, dated 15.03.2022)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/s Larsen & Toubro Limited has applied for Terms of reference for the proposed expansion of IT/ITES development at S.No. 119/1, 120/1, 120/2, 120/3, 121, 122, 123/1, 123/2, 123/3, 124/1, 124 /2, 124/3, 125/1A1, 125/1A2, 125/1A3, 125/1B1, 125/1B2, 126, 127/2, 128/1 &


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128/2 of Ramapuram Village, Maduravoyal Taluk and S.No. 25/1, 26/1, 27/1 Manapakkam village, Alandur Taluk, Chennai District, Tamil Nadu.

2. The project/activity is covered under Category "B" of item 8(b) "Township & area Development Projects" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of - Phase I - Combined Basement (1 to 3) for Tower 1 & 2 Tower 1 (G + 12 floor), Tower 2 (G + 12 floor) Phase II - Combined Basement (1 to 4) for Tower 3, 4, 5 & 6 – G+ 12 floors each, Tower 7 : Basement 1 to 4 - (G+12), with plot area – 89,600 Sq.m and built up area – 670790.47 Sqm.

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

1. The proposal to achieve minimum of LEEDS Platinum green building norms and shall obtain LEED certificate.
2. The proposal for construction of pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a structure which was crucial to the overall eco-system.
3. The proponent shall furnish the design details of the STP treatment system.
4. 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.
5. Commitment letter from competent authority for supply of water shall be furnished.


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6. Copy of the village map, FMB sketch and "A" register shall be furnished.
7. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
8. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
9. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
10. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
11. Details of the rain water harvesting system with cost estimation should be furnished.
12. 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.
13. 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.
14. 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.
15. 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.

16. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the ground water, emission, noise and traffic.
17. The proposal for utilization of at least 10% of Solar Energy shall be included in the EIA/EMP report.
18. 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.

Agenda No: 276-3

(File No: 9124/2021)

Proposed establishment of API manufacturing unit at Plot No B-27, B-28, B-29, A-17, A-17A AND A-18, SIPCOT Industrial Growth Centre Gangaikondan, Tirunelveli Taluk, Tirunelveli District , Tamil Nadu by M/s. Anjan Drug PVT. LTD - For Environmental Clearance (SIA/TN/IND3/249195/2021, dated 31.12.2012)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/s. Anjan Drug PVT. LTD has applied for Environmental Clearance for the proposed establishment of API manufacturing unit at Plot No B-27, B-28, B-29, A-17, A-17A AND A-18, SIPCOT Industrial Growth Centre Gangaikondan, Tirunelveli Taluk, Tirunelveli District , Tamil Nadu.
2. The project/activity is covered under Category "B2" of item 5(f) "Active Pharma Ingredients" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the project proponent, SEAC noted that the proposed site falls between two reserve forests namely, Gangaikondan Bit-1 & Gangaikondan Bit-2 of Spotted Deer Wild Life Sanctuary. Gangaikondan Sanctuary is an important habitat for spotted deer and is the southernmost habitat of spotted deer outside the Western Ghats. It is also a habitat for peafowls, mongoose, varied reptiles, avifauna. Location of any polluting industry close to the Sanctuary will be detrimental to the conservation efforts and API is also a


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polluting industry which is a prohibited activity in the notification of ESZ of the sanctuary. The SEAC therefore decided not to recommend the project.

Agenda No: 276-4

(File No: 9131/2022)

Proposed modernization of Natural gas-based power plant at Plot No.17/2B, 2C & 2D, Naranamangalam, Narimanam Post, Nagore, Nagapattinam District, Tamil Nadu by M/s. MMS Steel & Power Private Limited - For Terms of Reference (SIA/TN/THE/72439/2022, dated 22.02.2022).

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/s. MMS Steel & Power Private Limited has applied for Terms of Reference for the proposed modernization of natural gas based power plant at Plot No.17/2B, 2C & 2D, Naranamangalam, Narimanam Post, Nagore, Nagapattinam District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of item 1(d) "Thermal Power Plants" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of Natural Gas Based Engine - 2x3.48 MW, 2x2 MW & 1x8.73 MW from Natural Gas Based Engine - 2x3.48 MW, 2x2 MW & 3x3.5MW.
4. As the PP has executed 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.

Based on the presentation and documents/clarifications furnished by the project proponent, 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*


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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 Committee, therefore, decided to keep the examination of the proposal in abeyance until final orders are received from Madurai Bench of the High Court of Madras in the matter W.P.(MD) No. 11757 of 2021 in Fatima Vs Union of India.

Agenda No: 276-5

(File No: 9140/2022)

Proposed construction of Jurojin Industrial and Logistics Park (Light and Heavy Engineering/ Manufacturing / Assembling Park / Industrial Storage) at S.F.NO: 26/1, 2, 3; 27/1, 2; 28/1, 2, 3, 4, 5, 6B, 7B, 8B; 29/1, 2, 3, 4, 5B; 30/1, 2, 3, 4, 5, 6, 7A1, 7A2, 7B, 8, 9; 31/1; 37/2B1A; 44/4 in Alinjivakkam Village (Jaganathapuram Revenue Village) & 34/3A2, 37/2B; 39/1, 2; 40; 41; 42/2; 43/1A1A2, 1A1B, 2B2; 46; 47; 48/1A; 49/2B in Bandikavanur Village, Ponneri Taluk, Thiruvallur District, Tamil Nadu by M/s. Jurojin Developers Private Limited - For Environmental Clearance (SIA/TN/MIS/264663/2022,dated 29.03.2022)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/s. Jurojin Developers Private Limited has applied for Environmental Clearance for the Proposed construction of Jurojin Industrial and Logistics Park (Light and Heavy Engineering/ Manufacturing / Assembling Park / Industrial Storage) at S.F.NO: 26/1, 2, 3; 27/1, 2; 28/1, 2, 3, 4, 5, 6B, 7B, 8B; 29/1, 2, 3, 4, 5B; 30/1, 2, 3, 4, 5, 6, 7A1, 7A2, 7B, 8, 9; 31/1; 37/2B1A; 44/4 in Alinjivakkam Village (Jaganathapuram Revenue Village) & 34/3A2, 37/2B; 39/1, 2; 40; 41; 42/2; 43/1A1A2, 1A1B, 2B2; 46; 47; 48/1A; 49/2B in Bandikavanur Village, Ponneri Taluk, Thiruvallur District, Tamil Nadu.

2. The project/activity is covered under Schedule B Category 8(a) "building & Construction" of the Schedule to the EIA Notification, 2006.

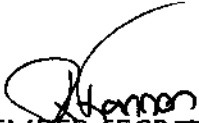

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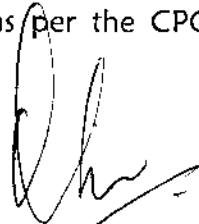

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3. The proposal consists of - HIP Building – 1, 2,3&4 (Ground floor + Mezzanine Floor) each, Admin Building (Ground Floor), Creche (Ground Floor), Driver Restroom – 1,2,3&4 (Ground Floor), LT Room (Ground Floor) Scrap Yard (Ground Floor) Security – Command Centre (Ground Floor)

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. PP shall get the land use classification changed before obtaining CTE from TNPCB.
2. The PP shall obtain potable water supply commitment from the local body for meeting drinking water requirements, before obtaining CTO.
3. No bore wells shall be installed within the unit's premises.
4. The PP shall furnish the affidavit stating that no manufacturing industries / No Polluting industries, except assembling units, (i.e not attracting under EIA Notification 2006) will be housed inside the unit premises to TNPCB before obtaining CTO.
5. The project proponent shall provide STP of capacity 100 KLD x 2 nos and treated water shall be utilized for flushing and green belt proposed.
6. The treated/untreated sewage water shall not be let-out from the unit premises.
7. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
8. The height of the stacks of DG sets shall be provided as per the CPCB norms.


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9. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc., to TNPCB before obtaining CTO.
10. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for toilet flushing, green belt development & OSR and no treated water be let out of the premise.
11. The sludge generated from the sewage treatment plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
12. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
13. The 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. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
14. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
15. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
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.


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17. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
18. No waste of any type to be disposed of in any other way other than the approved one.
19. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
20. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
21. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
22. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
23. 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 and ensure that entire roof of the shed shall be covered with solar panel.
24. The PP shall do complete rainwater harvesting inside the project site.
25. 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.

26. 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.

27. 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.

28. As accepted by the Project Proponent the CER cost is Rs. 255 lakh and the amount shall be spent for following activities before obtaining CTO from TNPCB.

S. No	Beneficiary	Description of Activity
1	Government Higher Secondary School, Jaganathapuram.	Greenery Plantation around the school campus. Building of Toilet facilities, Providing library facilities. Construction of Rain Water Harvesting system.
2	Government Pindikur Kannaya Chetty Boys High School.	Greenery Plantation around the school campus. Building of Toilet facilities, Providing library facilities. Construction of Rain Water Harvesting system.
3	Government Middle school Jaganathapuram.	Greenery Plantation around the school campus. Building of Toilet facilities, Providing library facilities. Construction of Rain Water Harvesting system.
4	Government High School Orakkadu.	Greenery Plantation around the school campus. Building of Toilet facilities, Providing library facilities. Construction of Rain Water Harvesting system.
5	Government School, Erumaivettipalayam.	Greenery Plantation around the school campus. Building of Toilet facilities, Providing library facilities. Construction of Rain Water Harvesting system.

6	Maintenance of Putteri Thangal Adjacent to the Site.	Desilting, Bund Strengthening and Cleaning of water channels, Plantation of Greeneries in consultation with the concerned authorities.
7	Jaganathapuram and Bandikavanur Health Care facilities.	Providing facilities to Jaganathapuram & Bandikavanur Village Panchayat Health care centers.

Agenda No: 276-6


(File No: 9143/2022)

Proposed Construction of additional buildings for the development of government hospital at S. F. No. 385 (Ward- 2, Block- 9) and 361 (Ward-2, Block- 8B) in Chettinackenpatti Village, Dindigul West Taluk, Dindigul District Tamil Nadu by M/S. Government Medical College & Hospital, Dindigul- For Environmental Clearance (SIA/TN/MIS/251427/2022, dated 13.01.2022).

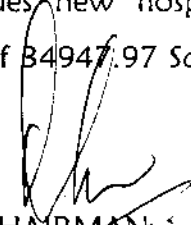
The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/S. Government Medical College & Hospital has applied for Environmental Clearance for the Proposed Construction of additional buildings for the development of government hospital at S. F. No. 385 (Ward- 2, Block- 9) and 361 (Ward-2, Block- 8B) in Chettinackenpatti Village, Dindigul West Taluk, Dindigul District Tamil Nadu.
2. The project/activity is covered under Schedule B Category 8(a) "Building & Construction" of the Schedule to the EIA Notification, 2006.
3. The PP reported that all the existing buildings located inside the project site will be demolished under JICA scheme and that is the reason for restricting EC for the proposed new buildings and not for the entire complex.
4. The District Head Quarters Hospital is being upgraded to Medical College Hospital.
5. This proposal consists, 3 new buildings which includes new hospital buildings with 500 nos of Bed with total built-up area of 34947.97 Sq.m. and total land area – 56090 Sq.m.


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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 proponent shall obtain fresh water supply commitment letter from TWAD Board before obtaining CTO.
2. The project proponent shall provide STP of capacity 350 KLD & ETP of capacity 80 KLD and treated water shall be utilized for flushing, green belt & excess treated water shall be let out through public sewer proposed.
3. The treated/untreated sewage water shall not be let-out from the unit premises.
4. The STP & ETP 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 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.

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. No waste of any type to be disposed off in any other way other than the approved one.
19. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
20. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
21. The project proponent shall provide a medical facility, possibly with a

- medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
22. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
23. 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.
24. 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.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
26. As accepted by the Project Proponent the CER cost is Rs. 90 lakh and the amount shall be spent for following activities before obtaining CTO from TNPCB.

Government Boys Hr.Sec School , Vembarpatti, Dindigul
<ol style="list-style-type: none">1. Construction of six classrooms.2. Providing drinking water supply arrangements.3. Providing water supply arrangements with sink for hand wash and other accessories.4. Providing toilet facility with water supply arrangements.5. Construction of Common Hall with seating capacity of 400 students with projector facilities for attending online classes.

Agenda No: 276-7

(File No: 9143/2022)

Proposed expansion MS Ingot unit (from - 3000 T/M to 4300 T/M) at SF.No. 254/1A1, 254/2A1A, 255/4B 255/5A, 255/5B, 255/6A1 & 255/6A2 Nallur Village, Paramathi Velur Taluk, Namakkal District Tamil Nadu by M/S. RAN INDIA STEELS (P) Ltd., Unit - II - For Terms of Reference (SIA/TN/IND/74895/2022, dated 09.04.2022)


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The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/S. Ran India Steels (P) Ltd., Unit - II has applied for Terms of Reference for the proposed expansion MS Ingot unit (from MS Ingot - 3000 T/M to 4300 T/M) at SF.No. 254/1A1, 254/2A1A, 255/4B 255/5A, 255/5B, 255/6A1 & 255/6A2 Nallur Village, Paramathi Velur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Schedule B1 Category 3(a) "Metallurgical industries (ferrous & nonferrous)" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of expansion of MS Ingots from Existing – MS Ingots – 3000 T/M to MS Ingots – 1300 T/M. After Expansion – MS Ingots – 4300 T/M. Raw maerila after expansion - Sponge Iron – 800 T/M, Ferro Alloys – 30 T/M, MS Scrap – 4070 T/M

Based on the presentation made by the proponent and the documents furnished the SEAC decided to recommend the proposal for the grant of Terms of References (ToR) with Public Hearing subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for EIA study for Metallurgical Industries (Ferrous & Non-Ferrous) and details issued by the MoEF& CC to be included in EIA/EMP report:

1. The proponent shall furnish the production detail submitted to the Commercial Tax department for the last 5 years.
2. The proponent shall submit the copy of the consent to operate and the latest renewal consent order issued by the TNPCB.
3. The project proponent shall furnish the detailed comparison statement of existing and expansion project details in the EIA report.
4. The proponent shall submit the compliance report from TNPCB for the conditions imposed in the consent order issued by the TNPCB and Environmental Clearance.
5. The proponent shall implement the cleaner technologies for the expansion

activity and the detail should be included in the EIA report.

6. The Environmental pollution control measures proposed to deal with increased Air pollution, effluent generation and slag generation should be detailed.
7. The project proponent has to strengthen the air pollution control measures of the existing system and furnish an adequacy report on the revamped system from a reputed institution like Anna University or IIT, Madras along with the EIA report. The revamping of the existing air pollution control measures should include the interlinking of the position of the hood system and furnace to ensure that the emission from the furnace shall be treated and routed through wet scrubber and stack.
8. The proponent shall obtain prior permission from the Central Ground Water Authority for withdrawal of groundwater.
9. Material balance and Water balance shall be furnished in accordance with MoEF&CC guidelines.
10. A detailed report on Solid waste management, Hazardous waste shall be furnished.
11. Report on AAQ survey and proposed Air pollution prevention and control measures shall be furnished in the EIA report.
12. The project proponent shall do the Stoichiometric analysis of all the involved reactions to assess the possible emission of air pollutants in addition to the criteria pollutants, from the proposed project.
13. Adequacy report for ETP &STP for the proposed project obtained from any reputed Government institution such as IIT, Anna University, NIT shall be furnished.
14. Land use classification shall be obtained from the DTCP for the Survey Numbers of this project. Further, the project proponent shall submit the planning permission obtained from the DTCP, if any.
15. The proponent shall conduct the EIA study and submit the EIA report for the entire campus along with layout and necessary documents such as "A" register

and village map.

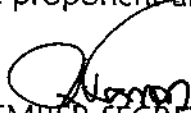
16. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.
17. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
18. The project proponent shall explore the possibilities of treating and utilizing the trade effluent and sewage within the premises to achieve Zero liquid discharge.
19. 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 be not less than 15 % of the total land area of the project.
20. As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.
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.

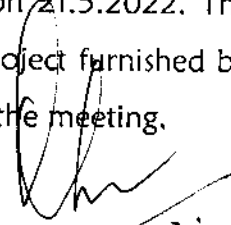
Agenda No: 276-8

(File No: 9176/2022)

Proposed expansion of grey and ductile iron castings manufacturing at S.F Nos. 256 Part, 270 Part, Pappankuppam Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu by M/s Danblock Brakes India Pvt Ltd - For Terms of Reference (SIA/TN/IND/74660/2022, dated 31.03.2022)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). During the meeting,


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neither proponent nor EIA coordinator was fully prepared to present the proposal. Therefore, SEAC decided to defer the proposal.

Agenda No: 276-9

(File No: 9181/2022)

Proposed Construction of Data center (IT/ITES) Building at T.S.No. 17, Old S.No. 130/pt, 131/pt, 138/pt, 141/pt Ambattur Village, Ambattur Taluk, Chennai District Tamil Nadu by M/s. CTRL S Datacenters Limited - For Environmental Clearance (SIA/TN/MIS/267795/2022,dated 13.03.2022)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/s. CTRL S Datacenter Limited has applied for Environmental Clearance for the Proposed Construction of Data center (IT/ITES) Building at T.S.No. 17, Old S.No. 130/pt, 131/pt, 138/pt, 141/pt Ambattur Village, Ambattur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Schedule B Category 8(a) " building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of Tower 1 - G+14 Floors and Tower 2 - G+12 Floors with total built up area 78761.92 Sq.m and Plot area – 16157 Sq.m.


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 Proponent shall furnish the detailed report on emission, noise and vibration due to the operations of DG sets as proposed and the same shall be furnished to TNPCB before obtaining CTO and copy submitted to SEIAA-TN.
2. The proponent shall obtain fresh water supply commitment letter from the CMWSSB before obtaining CTO.


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3. The project proponent shall provide STP of capacity 25 KLD and treated water shall be utilized for flushing and green belt proposed.
4. The treated/untreated sewage water shall not be let-out from the unit premises.
5. The building shall conform to minimum of Gold standard in IGBC/LEED green building norms and shall obtain IGBC/LEED certificate in this regard before obtaining CTO from TNPCB.
6. 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.
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 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 proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
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, 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.


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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 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.
16. 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.
17. No waste of any type to be disposed off in any other way other than the approved one.
18. 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.
19. 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.
20. 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.
21. 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.
22. Considering the energy intensive nature of the proposed activity, the project proponent shall install Solar Power plant in one of the backward


Districts in Tamil Nadu and the same connected to power Grid. The installed capacity of solar energy should be at least 50% of total energy utilization.

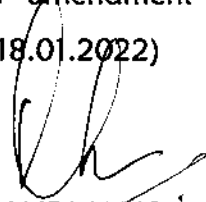
23. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against 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.
24. 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.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
26. As accepted by the Project Proponent the CER cost is Rs. 2 Crore and the amount shall be spent for the infrastructure development of Vandalur Zoo through the State Forest Department.

Agenda No: 276-10

(File No: 3297/2021)

Proposed expansion of existing Steel Rolling Mill at SF.No. S.F.No. 251/1,2, 277/1A1, 1A2, 1B1, 1B2,1C1,1C2,1D1,1D2,1E,277/2, 278/1 A,1B, 1C, 1D, 285/1 A, 286/1,2,3,4,5,6,7 & 287/1, Kalukondapalli Village, Denkanikottai Taluk, Krishnagiri District,Tamil Nadu by M/s Indus TMT Industries Limited - For amendment in Environmental Clearance issued (SIA/TN/IND/252026/2022, dated: 18.01.2022)


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The proposal was placed for appraisal in this 276th meeting of SEAC held on 21.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

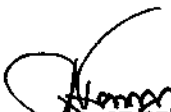
The SEAC noted the following:


1. The project proponent, M/s Indus TMT Industries Limited has applied for amendment in the Environmental Clearance issued for the Proposed expansion of existing Steel Rolling Mill at SF.No. S.F.No. 251/1,2, 277/1A1, 1A2, 1B1, 1B2,1C1,1C2,1D1,1D2,1E,277/2, 278/1 A,1B, 1C, 1D, 285/1 A, 286/1,2,3,4,5,6,7 & 287/1, Kalukondapalli Village, Denkanikottai Taluk, Krishnagiri 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. Earlier, the PP has obtained Environmental Clearance vide Lr. No. SEIAA/TN/F.3297/EC/3(a)/48/2015 dated 14.06.2017 for the following:
 - a. Steel Bars and Rods -145000 TPA
 - b. M.S. Billets -156000 TPA
4. Now the Proponent has applied seeking Amendment to the aforesaid Environmental Clearance and has furnished the following reason:

"M/s. Indus TMT Industries Limited has obtained Environmental Clearance for the manufacturing of TMT rods and a total plot area of 25.64 acres. Now the unit will plan to remove 1.13 acres from existing premises and provide for leasing. Hence the unit is applied for the EC Amendment for 24.51 acres"

Description	As per EC vide Lr Dt. 14.06.2017	Amendment sought
Total Area	25.64 Acres	24.51 Acres

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. During the meeting the Committee noted that neither NABET accredited consultant nor the PP was present. SEAC, therefore, decided to defer the proposal.


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Agenda No: 276-11


(File No: 8483/2021)

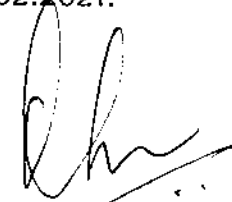
Proposed Manufacturing Facility for Macromolecule and drugs (Active Pharmaceutical Ingredients & Intermediates) at S.F.No. 159/2 & 160/1B of Panchanthiruthi Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu by M/s.Levim Lifetech Private Limited - For Environmental Clearance. (SIA/TN/ IND2/204708/2021, Dt. 23.03.2021)

The proposal was placed for appraisal in 276th meeting of SEAC held on 21.5.2022 .The details of the minutes are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Levim Lifetech Private Limited, has applied for Environmental Clearance for the proposed Manufacturing Facility for Macromolecule and drugs (Active Pharmaceutical Ingredients & Intermediates)at S.F.Nos.159/2 & 160/1B of Panchanthiruthi Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu.
2. The project project/activity is covered under chemicals industry (dyes & dye intermediates: bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.
3. The application has been submitted as per the Office Memorandum issued by MoEF& CC vide F.No.F.No.22-25/2020-1A.II dated: 13.04.2020 and as per S.O. 1223(E) dated: 27.03.2020, "All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API) received up to the 30th September 2020, shall be appraised as Category 'B2' Projects, provided that any Subsequent amendment or expansion or change in product mix, after the 30th September 2020, shall beconsidered as per the provisions in force at that time."
4. Further, the above period was extended for the up to 31.03.2021 as per the Office Memorandum issued by MoEF& CC vide S.O.3636 (E) dated.15.10.2020 and the PP has submitted the application through online on 19.02.2021.


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5. The proposal was earlier placed for appraisal in 235th meeting of SEAC held on 01.10.2021. Based on the presentation and documents furnished by the project proponent, SEAC decided call for the following details.
1. The project proponent shall furnish the details of safety audit to be carried out in the different operating zones of the plant and shall review the unsafe conditions during the plant safety meeting and the same shall be submitted as a report.
 2. The proponent shall submit a plan for disposal of Hazardous wastes to be generated.
 3. The project proponent shall furnish Solvent leakage detection system in circuit system and protection system from hazards/disaster.
 4. The proponent shall submit a plan to control and continuously monitor the VOC.
 5. The proposed solvent storage area should not be placed near by the boiler. Further the proponent may submit the safety measures on the same.
 6. A detail report on the safety measure and health aspects of the workers shall be submitted.
 7. The project proponent shall revise CER activities and CER activities shall be utilized for development related to environment and not merely for creating infrastructure.
 8. The PP has furnished the additional details vide Lr Dt. 15.11.2021 and based on that this subject has again been placed before 248th SEAC Meeting held on 24.2.2022. The Project proponent has made the presentation along with clarification for the above Shortcomings observed by the SEAC. Based on the presentation made by the proponent and the documents furnished, SEAC noted that,
 - (i) The project proponent shall arrange for dependable water supply from SIPCOT/TWAD.
 - (ii) The project proponent shall get land use classification changed from Agricultural land to Industrial use, from the concerned authorities.

(iii) The project proponent shall furnish details of process emission generation and its management in a tabular form, per batch and per annum.


(iv) The project proponent shall furnish details about wastewater generation and its management with ZLD concept.

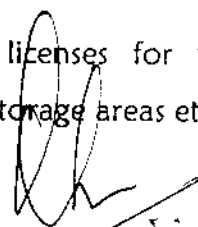
(v) The project proponent shall furnish details about solid waste management.

The PP has furnished the additional details vide Lr Dt. 17.5.2022 and based on that this subject has again been placed before 276th SEAC Meeting held on 21.5.2022.

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

1. The project proponent shall provide the Green belt area not less than 35% of the land area all along the periphery of the unit and maximum green belt shall be maintained in the down wind direction as reported. Selection of plant species shall (As per Appendix).
2. The project proponent shall provide STP of capacity 10 KLD and treated sewage shall be utilized for green belt after meet out the discharge standards prescribed by the CPCB/TNPCB.
3. The project proponent shall provide ETP of capacity 150 KLD with ZLD system.
4. Necessary permission letter for the supply of water shall be obtained from the competent authority before obtaining CTO from TNPCB.
5. The proponent shall provide, operate and maintain adequate Air-pollution control measures for the process area.
6. The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.
7. The proponent shall obtain and maintain valid safety licenses for the concerned department for boiler, solvent/fuel/raw material storage areas etc.


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8. The proponent shall ensure that the area earmarked for the boiler, further the proponent may submit the safety measures on the same to TNPCB before obtaining CTO.
9. The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for the handling and disposal of Hazardous waste to be generated.
10. The proponent shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case scenario in regard to existing safety measures/standard operating procedures adopted for the process/equipment/utilities for operation & maintenance and the storage areas of products, raw materials, solvent, fuel, etc. in the different operating zones of the plant at least once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.
11. A detail report on the safety measure and health aspects including periodical audiometry, pulmonary lung function etc. test reports once in a year for all the workers shall be submitted to TNPCB.
12. As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.
13. 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.
14. As accepted by the Project Proponent the CER cost is Rs. 50 lakh and the amount shall be spent before obtaining CTO from TNPCB, for improvement of facilities in (1) Government Panchayat Union Middle School, Admoor and (2) Government Elementary School, Manambathi in consultation with the

concerned authorities. In addition, Aamoor lake nearby will also be developed in consultation with the concerned authorities.

Agenda No: 276-12

(File No:6439/2017)

Expansion in Production of Water based Latex Polymer from 40000 MTA to 70000 MTA & Latex Polymer cake from 407 MTA to 1462 MTA in two phase in existing Emulsion Plant by M/s. Dow Chemical International Private Limited located at Plot No. L-7, Sipcot Industrial Park (Phase II), Mambakkam Post, Sriperumbudur Village, Kanchipuram District, Tamil Nadu - For Environmental Clearance.

(SIA/TN/IND2/ 21287/2017 dated: 07.12.2017)

The proposal was placed for appraisal in 276th meeting of SEAC held on 21.5.2022 .The details of the minutes are given in the website (parivesh.nic.in).


The SEAC noted the following:

1. The project proponent, M/S-Dow Chemical International PVT LTD, has applied for Environmental Clearance for the proposed Synthetic organic chemical industry at S.F.Nos. Plot No. L-7, Sipcot Industrial Park (Phase II), Mambakkam Post, Sriperumbudur Village, Kanchipuram District,Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 5(f) "Synthetic Organic chemical Industry Projects" of the Schedule to the EIA Notification, 2006.

Earlier, this proposal was placed in the 131st SEAC Meeting held on 17.07.2019. The proponent during presentation the proponent has informed that their product Water based Latex polymer & Latex Polymer Cake are synthetic polymer (not natural polymers) and further the raw material used are styrene, Butyl Acralate, VAM

(Vinyl Acetate Monomer), Methyl methacrylate, Butyl Acralate, 2-EHA (2-Ethyl Hexyl Acrylate), Ethylacralate, AN (Acrylonitrile) which are synthetic. The clarification received from the MoEF&CC that water- based latex is a natural polymer and does not attract the provisions of EIA Notification 1994 or EIA Notification 2006.

Hence, the SEAC decided to send the proposal to IIT/Anna University to know whether the proposal submitted by the proponent for the manufacturing of Water based Latex polymer & Latex Polymer Cake from the raw materials such as styrene,


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Butyl Acralate, VAM (Vinyl Acetate Monomer), Methyl methacrylate, Butyl Acralate, 2-EHA(2-EthylHexylAcrylate), Ethylacralate, AN (Acrylonitrile) is natural polymer or synthetic polymer.

After receipt of the above detail from IIT/Anna University, further course of action will be taken on the proposal.

The report from the IIT Madras was received for the clarification regarding whether the products which are producing by the unit are synthetic organic chemicals or natural organic chemicals, was received from SEIAA office on 23rd May 2020 and the same was placed in the 153rd SEAC meeting held on 04.06.2020. The SEAC noted that the report from the IIT Madras has confirmed that the chemicals produced is synthetic organics and it clearly reveal that the unit activity attracts both the EIA Notification 2006 and EIA notification 1994.

In the view of the above, the SEAC decided to forward the application to SEIAA for further course of action according to the law.

The proposal was placed in 382nd SEIAA meeting held on 23.06.2020. The Authority discussed in detail and noted the following:
SEAC in its 153rd meeting held on 04.06.2020 has stated the following among other things.

"The SEAC noted that the report from IIT Madras has confirmed as Synthetic organic and it clearly shows that the unit activity attracted both the EIA Notification 2006 & EIA Notification 1994".

However, SEAC in its 153rd meeting held on 04.06.2020 has not furnished specific recommendations to SEIAA to take decision on the application,

In this regard the Para 8 (ii) of EIA Notification 2006 is reproduced for information.

"The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level expert Appraisal Committee Concerned within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while stating the reasons for the disagreement. An intimation of this decision shall be simultaneously


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conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observation of the regulatory authority and furnish its view on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days.”

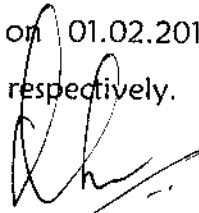
In view of the above the Authority decided to refer the subject back to SEAC to consider the application & furnish the specific recommendation to SEIAA for taking appropriate decision by SEIAA. The refer back proposal from SEIAA to SEAC to consider the application & furnish the specific recommendation to SEIAA was placed in the 164th SEAC Meeting held on 20.07.2020.

In the minutes of the 153rd SEAC meeting held on 04.06.2020, it was clearly mentioned that the unit activity attract the Environmental Impact Assessment Notification, 1994 issued by MoEF & CC vide S.O.60 (E) dated 27.01.1994 in schedule -I S.No. 15. Integrated paint complex including manufacture of resins and basic raw materials required in the manufacture of paints requiring environmental clearance from the MoEF and the unit was not obtained Environment Clearance for the existing activity as per the Environmental Impact Assessment Notification, 1994 issued by MoEF&CC vide S.O.60 (E) dated 27.01.1994. Hence, the project comes under violation as per the documents furnished by the project proponent and as per the MoEF&CC guidelines. However, now the project proponent applied for expansion activity. Hence, the SEIAA may take further action as per the provisions of the MoEF&CC guidelines.

The proposal was placed before the 426th Authority meeting held on 24.02.2021. After detailed discussion the Authority noted the following:

1. Terms of Reference (ToR) was issued for this proposal for expansion vide F.No.6439/2017/ (5f)/SOC/TOR-291/2017 dated 09-10-2017
2. The proposal seeking Environmental Clearance was already placed before 102nd, 103rd, 117th, 131st, 153rd & 164th SEAC meetings held on 01.02.2018, 23.02.2018, 28.07.2018, 17.07.2019, 04.06.2020 & 20.07.2020 respectively.


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3. Subsequent to the SEAC meetings, the minutes of the SEAC meeting was placed before the 325th, 343rd, 382nd Authority meeting held on 19.07.2018, 03.05.2019 & 23.06.2020 respectively.
4. Meanwhile, the subcommittee constituted by the SEAC has inspected the site on 10.02.2018 and based on the inspection, the committee in its 103rd meeting held on 23.02.2018 has recommended to consider the grant of EC subject to the resolution of the point whether the EIA notification, 1994 was applicable in the case of this project in the year 2006 when the proponent planned to start the industry.
5. Clarification has been requested from MoEF&CC vide SEIAA office letter dated 12.12.2018. The MoEF&CC has sent the clarifications vide in their letter dated 25.03.2019 received by SEIAA office on 03.04.2019 and clarification letter placed in the 153rd meeting held on 4.6.2020 and noted the following among other things.
 - a) "The SEAC noted that the report from IIT Madras has confirmed as Synthetic organic and it is clearly shows that the unit activity attract both the EIA Notification 2006 & EIA Notification 1994".
6. However, SEAC in its 153rd meeting held on 4.6.2020 has not furnished specific recommendations to SEIAA to take decision on the application. Hence the Authority in its 382nd SEIAA Meeting held on 23.06.2020 decided to refer back the proposal to SEAC to furnish the specific recommendations.
7. The SEAC in its 164th SEAC meeting held on 20.07.2020 has stated as follows:
 - a) Meeting of the 153rd SEAC meeting held on 04.06.2020, it was clearly mentioned that the unit activity attract the Environmental Impact Assessment Notification, 1994 issued by MoEF&CC vide S.O.60 (E) dated 27.01.1994 in schedule -I S.No. 15. Integrated paint complex including manufacture of resins and basic raw materials required in the manufacture of paints requiring environmental clearance from the MoEF and the unit was not obtained Environment Clearance for the existing activity as per the Environmental Impact Assessment Notification, 1994 issued by MoEF&CC vide S.O.60 (E) dated 27.01.1994. Hence, the project comes under violation as per the documents furnished by the

project proponent and as per the MoEF&CC guidelines. However, now the project proponent applied for expansion activity. Hence, the SEIAA may take further action as per the provisions of the MoEF&CC guidelines.

8. In this connection, the proponent vide letter dated 18.02.2021 has submitted the clarification letter obtained from MoEF&CCF No. 22-7/2019-IA.III dated 03.02.2021 as stated as follows:

- a) It is to inform that the Ministry had issued a clarification vide letter dated 25.03.2019 stating that water based latex polymer would not attract the provisions of EIA Notification 1994 as well as 2006 as water based polymer was a 'natural polymer'.
- b) However, the matter has been referred back to MoEF&CC as SEIAA Tamil Nadu requires additional clarifications on the applicability of EIA Notification 1994, at the time of establishment of the manufacturing unit.
- c) Subsequently the matter was referred to the Expert Appraisal Committee of the Ministry and the matter regarding the applicability of EIA Notification 1994 as well as 2006 on water based polymer was deliberated upon in detail.
- d) Based on the recommendations of the Committee it is clarified that the existing water based latex polymer manufacturing project does not require prior Environmental Clearance as per the EIA Notification, 1994. However, considering the project under category 5 (f) 'Synthetic Organic Chemical Industry' of the schedule to the EIA Notification, 2006, the project proponent may obtain prior EC for expansion / modernization of the project from the concerned regulatory authority.
- e) This is issued with the approval of the competent authority.

9. Further the proponent vide letter dated 18.02.2021 has requested to consider the file for grant of EC expansion.

10. In this regard, it is noted that the proponent has submitted the copy of the minutes of the 4th EAC meeting held during the 14-15.01.2021 and noted that EAC after detailed deliberations and considering the clarifications issued by the

Ministry vide letter dated 25.03.2019 and considering that water based latex polymer is one of the additives only along with other component in the Paint Industry, was of the view that the water based latex polymer manufacturing project does not require prior environmental clearance at the time of establishment of the unit as per the EIA Notification, 1994. However considering the project under category 5(f) Synthetic Organic Chemical Industry of the Schedule to the EIA Notification 2006 the project proponent shall obtain prior EC for expansion/modernization of the project from the concerned regulatory Authority.

In the view of the above, the Authority decided to refer back the proposal along with the clarification letter issued by the MoEF & CC vide Letter No. 22-7/2019-IA.III dated 03.02.2021 and the minutes of the 4th EAC meeting held on 14 & 15th January 2021 to SEAC for further course of action.

The subject was once again placed in the 209th SEAC meeting held on 09.04.2021. After detailed discussion the committee decided to obtain a detailed note from SEIAA office in chronological order to take further deliberation and decision.

The SEIAA Submitted the Note on 17.08.2021. The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021.

Based on the presentation and documents furnished by the project proponent, SEAC noted the EIA report was submitted on 08.12.2017, hence SEAC decided that the project proponent shall submit revised EIA report, with the latest data collected.

On receipt of the revised EIA report this subject has been again placed 276th SEAC meeting held on 21.5.2022. Based on the presentation made and documents furnished by the project proponent, SEAC decided to make on site inspection by the Sub Committee constituted by SEAC. On the receipt of the same further deliberation will be done.

Agenda No: 276-13

(File No: 6443/2022)

Proposed Expansion of Steel Melting Plant from 1,42,000 TPA to 2,88,000 TPA of MS Billets and 2,50,000 TPA of TMT Bars located at Plot No. B-1/S, 39-52, B1/S part, SIPCOT Industrial Complex, Pappankuppam Village, Gummidipondi Taluk,


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Tiruvallur District, Tamil Nadu by M/s. ARS Steels and Alloy International Private Limited - For Environmental Clearance. (SIA/TN/IND/59690/2017 dated 06.01.2021)


The proposal was placed for appraisal in this 276th SEAC meeting held on 21.5.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given in the website (Parivesh.nic.in).

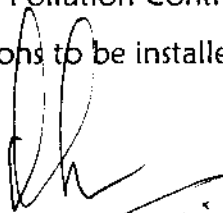
The SEAC noted the following:

1. The project proponent proposes an Expansion of Steel Melting Plant from 1,42,200 TPA to 2,88,000 TPA of MS Billets and 2,50,000 TPA of TMT Bars at Pappankuppam Village, SIPCOT Industrial Complex, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu.
2. ToR issued by SEIAA-TN vide Lr.No.SEIAA-TN/F.No.6443/2017/3 (a)/ARS/ToR-494/2018 dated: 08.06.2018.
3. Amendment ToR-I issued by SEIAA-TN vide Lr.No.SEIAA-TN/F.No.6443/2017/3 (a)/ARS/A/ToR-494/2018 dated: 17.06.2019.
4. Amendment ToR-II issued by SEIAA-TN vide Lr.No.SEIAA-TN/F.No.6443/2017/3 (a)/ARS/B/ToR-494/2018 dated: 19.08.2019.
5. Public hearing was conducted on 27.11.2020.

Earlier this proposal was placed before 242nd meeting of SEAC held on 03.02.2022 Based on the presentation and documents furnished by the project proponent, SEAC decided to obtain the following details.

1. Pulicat Eco-sensitive Zone is located at a distance of 6.48 km, N, the project proponent shall obtain a No objection certificate from Wild Life Warden, Chennai.
2. The project proponent shall submit certified compliance report for the EC obtained earlier.
3. 4 Nos of Ambient air quality monitoring (AAQM) stations shall be set up as per statutory requirement. The locations of ambient air quality monitoring stations shall be decided in consultation with the Tamil Nadu Pollution Control Board and it shall be ensured that maximum numbers of stations to be installed


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in the up wind direction and same shall be connected to CARE AIR centre in TNPCB for online monitoring.

4. The proponent shall furnish revised CER as per OM dated 13.09.2020 & 20.10.2020 .
5. The proponent shall furnish a certificate from a senior official of SIPCOT, not below the rank of GM on the distance between the proposed site and the nearest inter-State boundary.
6. The proponent shall furnish an adequacy report on the efficiency of the revamped APC measures by either IIT, Madras or Anna University.

On receipt of the above details, this proposal has again been placed 276th SEAC meeting held on 21.5.2022. During the meeting, neither EIA coordinator nor PP was fully prepared to do the presentation and SEAC, therefore, decided to defer the proposal.

Agenda 276-14

(File No. 6583/2019)

Proposed Construction of Multistoried Residential group development by M/s. Nebula Infra Space LLP, at S.No399/1A,1B, 1C, 1D, 400/1A1B, 406/1A, 407/25 & 84, 413/5B & 413/6B of Chettipunyam Village, Chengalpet Taluk, Chengalpet District, Tamil Nadu, Tamil Nadu - For Environmental Clearance (SIA/TN/NCP/73378/2018, dated: 08.03.2018)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

- Earlier, the Proponent of M/s. Nebula Infra Space LLP applied for Environment Clearance to SEIAA on 07.05.2018 for the proposed construction of Multi storied Residential Group Development project to a total build up area of 129830.21 sq.m at S.F. No. S.No399/1A, 1B, 1C, 1D, 400/1A1B, 406/1A, 407/25 & 84, 413/5B & 413/6B of Chettipunyam Village, Chengalpet Taluk, Chengalpet District.
- As per the documents furnished and the presentation made by the project proponents the proposed project activity consist of construction of


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building with combined basement for 3 towers each having stilt + 14 floors and 1 commercial block with G+4 floors. The total number of dwelling units will be 1568 nos. Total land area of the proposal is 89718 Sq.m and the plot area available for Phase I development is 29530 Sqm. with the total built up area of 129830.21 Sqm

- As per the order Lr.No.SEAC-TN/F.No.6583/2020 dated: 03.10.2020 of the Chairman, SEAC, a Sub-Committee comprising of the SEAC Members constituted to inspect and study the field conditions for the Proposal seeking Environmental Clearance for the proposed construction of residential development by M/s. Nebula Infra space LLP at S.F. No. 399/1A, 1B, 1C, etc., at Chettipunyam Village of Chengalpet Taluk, Kancheepuram District, Tamil Nadu. The date of the Inspection on 06.10.2020(Tuesday).
- The Sub-Committee held detailed discussions with the project proponent of the building project M/s. Nebula Infraspac LLP and visited the project site on October 06, 2020 (Tuesday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site and the details are presented below.
- The following are the observations by the Sub-Committee Team during field visit on October 06, 2020 (Tuesday) to the project site.
 - a) During the time of inspection, SEAC Sub- committee found an excavation pit on the eastern side of the project site with a approximate depth of 15 ft with an area of 60 ft long and 20 ft width.
 - b) Model flat for single, 1.5 and double bedroom of built up area measuring approximately 400, 550 and 700 ft² was already built (fully furnished and operational) at the project site during the time of inspection.
 - c) Adjacent to the model flats there is a cafeteria along with reception office are also built and fully functional in addition to landscape work, children play area and concrete pavement (pathway).
 - d) Pavement block making industry was built and working in business mode during the time of inspection visit at the site along with storage

for raw materials, finished pavement blocks lying at the site in addition to the machineries.

e) The project boundary on the northern side of the project site located at a distance of 20 m from the backside of the Paranur railway station track.

The Sub committee recommended as follows:

1. The project proponent to make suitable reply to SEAC for their construction activities noticed by the Sub-Committee during the time of the inspection visit on October 06, 2020 (Tuesday) before obtaining EC.
2. Based on the clarifications sought by the Sub-Committee SEAC shall further decide the course of the action in this case, regarding the Proposal seeking Environmental Clearance for the proposed construction of residential development by M/s. Nebula Infra space LLP at S.F. No. 399/1A, 1B, 1C, 1D, 400/1A1B, 406/1A, 407/25 & 84, 413/5B & 413/6B Chettipunyam Village of Chengalpet Taluk, Kancheepuram District, Tamil Nadu.

The inspection report was placed in the 186th SEAC meeting held on 21.11.2020 along with inspection report of the subcommittee, after a detailed discussion the SEAC has accepted the recommendations of subcommittee of SEAC and directed the proponent to furnish the following details

1. The project proponent to make suitable reply to SEAC for their construction activities noticed by the Sub-Committee during the time of the inspection visit on October 06, 2020 (Tuesday) before obtaining EC.
2. Based on the clarifications sought by the Sub-Committee SEAC shall further decide the course of the action in this case, regarding the Proposal seeking Environmental Clearance for the proposed construction of residential development by M/s. Nebula Infra space LLP at S.F. No. 399/1A, 1B, 1C, 1D, 400/1A1B, 406/1A, 407/25 & 84, 413/5B & 413/6B Chettipunyam Village of Chengalpet Taluk, Kancheepuram District, Tamil Nadu.

On receipt of the above details, the SEAC would take further course of action on the proposal. The Project proponent furnished the above said details to SEIAA-TN on 05.02.2021. The subject was once again placed in the 209th SEAC meeting held on 09.04.2021. After detailed discussion based on the Project proponent reply, it


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clearly proves that the proponent has not obtained EC, but constructed the model flat, cafeteria, reception area, so this is a clear cut violation case as per MoEF&CC notification 2006. Hence SEIAA shall take action against the proposal as the project comes under violation case.

In this connection, the project proponent has furnished reply vide its lr. Dt: 03.08.2021 and requested the consider the project under violation category as per OM. Dt: 09.09. 2019 under low level ecological damage category and 0.75% of project cost as the damage assessment report.

Based on the above request of the project proponent, the proposal was placed in the 464th authority meeting held on 27.09.2021 and the authority decided to refer back the proposal to SEAC along with the proponent's request for issue EC vide its note dt:01.10.2021.

In this connection, the proposal was again placed in this 236th SEAC meeting held on 05.10.2021.

In this regard, SEAC noted that as per O.M 09.09.2019 states that "It is possible that there may be certain category B proposals which were submitted at SEIAA during or prior to the violation window period but not under violation category and later during the appraisal by State Level Expert Appraisal committee (SEAC) identified as violation proposals.

Further, such proposals may be considered in terms of provisions of Ministry's Notification dated 14.03.2017 & 08.03.2018 by the SEIAA. It is clarified that only those proposals may be taken up for consideration under this provision which had been submitted to SEAC during the window period (14.03.2017 to 13.09.2017 & 14.03.2018 to 13.04.2018) or prior."

Also, as per MoEF&CC Notification 14.03.2017, paragraph no. 13 (5) states that "The projects under this category will be prescribed the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan. Further, the Expert Appraisal Committee will prescribe a specific Terms of Reference for the project on assessment of ecological


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damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. 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.”

In view of the above, notification dated 14.03.2017 & 08.03.2018, SEAC noted that the proposed project was applied under violation window period by the proponent.

Based on the presentation and documents furnished by the project proponent, SEAC has noted that the proponent has not provided the replies to all the observations stated during the field visit by Sub- committee of SEAC and a existing pavement block manufacturing industry is already functioning in one of the survey numbers of proposed project and no action plan for the same has been provided in the reply. In this connection, the committee is of the opinion that it may not be possible consider the proponent's request, if the existing pavement block manufacturing industry is functioning in the one of survey numbers applied for.

Hence, the project proponent shall furnish reply along with action plan for the said observations during the field visit by Sub- committee of SEAC so as to consider the proposal for grant of Terms of Reference (ToR) under violation.

With the above remarks, this subject has again placed before 247th SEAC Meeting held on 18.2.2022. The Project proponent has made the re presentation along with clarification for the above said details.

Based on the presentation and document furnished by the project proponent, SEAC instructed that, the proponent shall furnish the proposal for the demolishing the paver block unit already running inside the project premises & Model flat constructed inside the project premises and the same shall be included in the EMP as a

remediation measure. On the receipt on the same Committee will take up the subject for consideration.

This proposal has again been placed before 276th SEAC meeting held on 21.5.2022 and SEAC noted that, the MOEF&CC has issued the OM No. F. No. IA3-22/10/2022-1A.111 [E 177258] Dt. 29.3.2022 and issued the Clarification regarding activities which can be undertaken for securing the land prior to grant of Environmental Clearance.


---, it has been decided by the Competent Authority in the Ministry to explicitly clarify that following activities can be undertaken by the project proponent for securing the land.

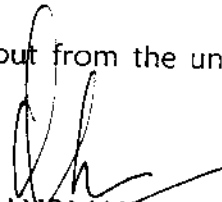
- i. Fencing of the project site by boundary wall using civil construction, barbed wire or precast/ prefabricated components.
 - ii. Construction of temporary sheds using pre-fabricated / modular structure, for site office/guards and storing material and machinery.
 - iii. Provision of temporary electricity and water supply for site office/guards only.
4. The above activities shall be undertaken subject to the following-----:

Based on the O.M model flat constructed in the project site is a permissible activity.

In view of the above and also on 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 PP shall remove the existing paver block unit from the proposed site before obtaining CTE from the TNPCB. The PP shall furnish the affidavit in this regard.
2. The proponent shall obtain fresh water supply commitment letter from the competent authority before obtaining CTO.
3. The project proponent shall provide STP of capacity 1014 KLD and treated water shall be utilized for flushing and green belt and excess treated water utilized for avenue plantation after obtaining necessary permission from competent authority.
4. The treated/untreated sewage water shall not be let-out from the unit premises.


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5. The building shall conform to minimum of Gold standard in IGBC/LEED green building norms and shall obtain IGBC/LEED certificate in this regard before obtaining CTO from TNPCB.
6. 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.
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 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 proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
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, 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 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.
16. 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.
17. No waste of any type to be disposed off in any other way other than the approved one.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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 and ensure that entire roof of the shed shall be covered with solar panel.
23. 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.

24. 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.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-1A.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
26. As accepted by the Project Proponent the CER cost is Rs. 2 Crore and the amount of Rs 1.5 Cr shall be spent for the development of Vandalur Zoo through the State Forest Department and Rs. 0.5cr shall be utilized for improving the infrastructure of the Govt High School, Chettipunyam in consultation with the HM before obtaining CTO from TNPCB.

Agenda No: 276-15

(File No: 7464/2021)

Proposed expansion of foundry unit production capacity for Grey & SG Iron castings 1814 TPM to 6000 TPM at plot No. KK5, KK6, KK7, SIPCOT industrial Growth Centre S.F. Nos. 127pt, 128pt, 131 & 132pt of Ingur Village & 213 pt & 214 pt & 215pt of Perundurai Village, Perundurai Taluk, Erode District, Tamil Nadu by M/s. JS Auto Cast Foundry India Private Limited- For Environmental Clearance (SIA/TN/IND/57111/2020 Dt.26.11.2021)

The proposal was placed in the 276th SEAC Meeting held on 21.5.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/S.JS Auto Cast Foundry India Private Limited has applied for Environmental Clearance for the proposed expansion of foundry unit production capacity for Grey & SG Iron castings 1814TPM to 6000TPM at


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2. Plot No. KK5, KK6, KK7, SIPCOT industrial estate, S.F. Nos 127pt, 128pt, 131 & 132pt of Ingur Viltage & 213 pt & 214 pt & 215pt of Perundurai Village, Perundurai Taluk, Erode District, Tamil Nadu.
3. 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.
4. Industries (Ferrous & Non-Ferrous)" of the Schedule to the EIA Notification, 2006.
5. The project proponent has issued with ToR vide Letter No. SEIAA-TN/F.No.7464/3(a)/ToR-877/2020 dated. 12.3.2021.


Earlier, this proposal was placed in 251st EAC Meeting held on 4.3.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. Details of utilization of fresh sand/ reclaimed sand quantity for the process in and its disposal methods.
2. The proposal with lay out for storage of used sand and it's disposal.
3. The revised Material balance/ stoichiometric balance shall be furnished in accordance with MoEF&CC guidelines.
4. Details of contribution of increased pollution load (Air, water & hazardous waste etc.,) during this expansion activity carried out by the unit.
5. Details of last 5 years health records and conducting periodical medical camp pertaining to the workers shall be furnished.
6. The proponent shall furnish the production detail submitted to the Commercial Tax department for the last 5 years.
7. The proponent shall submit the copy of the consent to operate and the latest renewal consent order issued by the TNPCB.
8. The project proponent shall furnish the detailed comparison statement of existing and expansion project details in the EIA report.
9. Details of all source of all air pollution such as process emission, fugitive emission, VOC etc and it's mitigation measures.
10. The details of adequacy report of existing & proposed APC measures.
11. The details of adequacy report of existing & proposed STP.
12. Details of other similar industries located in the vicinity of the unit.
13. As per minutes of Public hearing details of CRS activities shall be displayed in the unit's website.
14. Proposal for plantation & distribution of 10,000/- saplings (as per appendix) in the SIPCOT, nearby villages, School shall be furnished.
15. The Budget for restoration of nearby water body shall be included in the EMP accordingly furnished revised EMP.

16. The video graph of entire process shall be furnished.

On the receipt of the said details, this proposal again been placed in 276th SEAC meeting held on 21.5.2022. Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC.

1. The proponent shall not utilize Bazaar scraps, Painting scraps, turning & boring scrap etc as raw material.
2. The PP shall properly dispose of the used sand for other beneficial uses.
3. The generated sewage shall be treated through existing STP of capacity 30 KLD and treated water shall be utilized for green belt development.
4. The PP shall not generate any effluent from the process at any point of time.
5. All the roads shall be tarred and water sprinkling shall be ensured to control dust emissions from all the vulnerable sources like raw material handling and storage areas. All the material transfer points, discharge points and raw material storage area shall be completely covered. Dust extraction system shall be provided to storage, transfer points and material handling areas. Monitoring of fugitive emission in the work zone environment shall be carried out regularly as per the CPCB guidelines.
6. The proponent shall provide, operate and maintain the air pollution control measures to all the furnaces so as to achieve the air emission standards prescribed by the CPCB/MoEF&CC and same shall be connected to the CARE AIR centre of TNPCB for online monitoring.
7. The proponent shall continuously operate the sewage treatment plant so as to achieve the standards of treated sewage prescribed by CPCB/TNPCB.
8. All the solid wastes like slag and SEP residue shall be stored separately at designated place only. Solar Evaporation Pan residue shall be disposed off in accordance with the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016.
9. Proper housekeeping shall be ensured and all the raw materials and products shall be stored at designated places.
10. The Project proponent shall provide adequate safety and ventilation arrangements in the furnace area.
11. A separate Cell with adequate technically competent staff should be appointed to operate the Environmental Control measures who should report directly to the top Executive of the plant premises.


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12. Ambient air quality monitoring (AAQM) stations shall be set up as per statutory requirement. The locations of ambient air quality monitoring stations shall be decided in consultation with the Tamil Nadu Pollution Control Board and it shall be ensured that maximum numbers of stations to be installed in the up wind direction and same shall be connected to CARE AIR centre in TNPCB for online monitoring.
13. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc., on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed CPCB/MoEF&CC.
14. The Proponent shall provide and maintain the Green belt at least 33 % area as per the CPCB Guidelines and the proponent shall develop more Green belt continuously.
15. The Proponent shall furnish an undertaking that they will abide by the conditions by the conditions / recommendations mentioned in the EMP report furnished by them.
16. As accepted by the Project Proponent the CER cost is Rs. 35 lakh and the amount shall be utilized for following activities before obtaining CTO from TNPCB.

Restoration of nearby water body, Improvement of infrastructure of nearby schools, Plantation / Distribution of saplings and conducting Medical Camps in the surrounding panchayats.

Agenda- 276-16

File No: 7572/2020

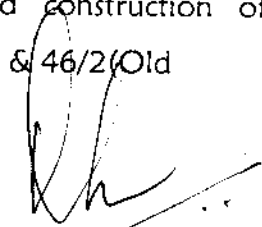
Proposed construction of multistoried commercial building in T. S. No. 44/2, 44/3, 45/1 & 46/2 (Old survey no. 2pt, 3pt, 4pt) Kakapallam Village, Ambattur Taluk, Tiruvallur District, Tamil Nadu by M/s. KVPS Property Developers Private Limited- For Environmental Clearance. (SIA/TN/MIS/150663/2020, dated: 05.06.2020)

The proposal was placed in the 276th SEAC Meeting held on 21.5.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. KVPS Property Developers Private Limited has applied for Environmental Clearance for the proposed construction of multistoried commercial building in T.S.No. 44/2, 44/3, 45/1 & 46/2 (Old


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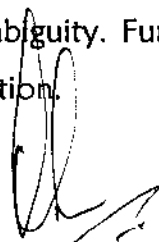
survey no. 2pt, 3pt, 4pt) of Kakapallam Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu.

2. The project/activity is covered under Category "B" of item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The proposed project consists of 3 Blocks of combined basement in which Block A – Retail cum Office (Ground + 9 Floors), Block B – Dormitory (Stilt + 5 Floors) and Block C - Theatres (Ground + 1st Floor + Mezzanine floor) with the total built-up area of 69,867.75 Sq.m & Plot area- 22572 Sq.m

Earlier, this proposal was placed in 170th SEAC Meeting held on 13.08.2020 & 180th SEAC Meeting held on 08.10.2020. The details furnished by the project Proponent are given in the website of <http://parivesh.nic.in>. Based on the presentation made and the documents furnished by the project proponent SEAC noted the following:

1. Disinfection for the treated Sewage and grey water not proposed for both in STP and Grey water Treatment plant. Hence, the project proponent shall provide the disinfection for both STP and GWT system and accordingly furnish the revised design details for both STP and GWT system.
2. Water balance shall be revised as per the MoEF&CC guidelines and all the calculation shall be furnished.
3. A clear plan of action for the re-plantation of existing 326 trees in the project site (including proposal to plant, etc.) shall be furnished and accordingly, project proponent shall revise the EMP.
4. OSR land shall be demarcated in the layout plan and entry and exit provision shall be provided for the public access.
5. In the presentation the consultant informed that the proposal consists of office building also. But, the project proponent informed that no office building was proposed. Hence, the consultant shall clearly furnish the proposal in consultation with the project proponent about the above ambiguity. Further, the SEAC felt that the consultant has furnished mislead information.


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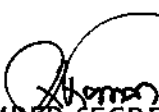

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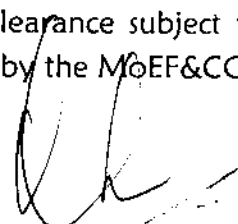
6. Bio- degradable waste generation will be 1224 kg/day. But during presentation the consultant has informed that the Bio- degradable waste generation is 816 kg/day. SEAC felt that the consultant has furnished mislead information. The project proponent shall explore the possibility of providing Bio-Methanation plant for the treatment and disposal of 1224 kg/ day Bio-degradable waste as per the Solid Waste Management Rules, 2016.
7. The project proponent shall furnish detailed baseline monitoring data along with prediction exercise for modeling the impact of emissions due to air, Noise and Traffic sources etc.
8. The project proponent shall earmark the greenbelt area with dimension and GPS coordinates for the green belt area along the boundary of the project site (minimum 3m width) and the same shall be included in the layout plan.

After the receipt of the above details, the project proponent shall re-present their case before the SEAC. On receipt of the said details from the proponent, the subject has again been placed for appraisal in the 188th meeting of SEAC held on 18.12.2020 & the committee decided to defer the subject and instruct the project proponent to necessarily submit the following details and shall make a re-presentation.

A clear plan of action for the re-plantation of existing 325 nos. of trees at the project site (including proposal to plant, etc.) shall be furnished in consultation with the DFO of the concerned District and accordingly the EMP shall be revised.

The project proposal was once again placed in the 195th SEAC meeting on 27.01.2021. The project proponent made detailed re-presentation. Based on the re-presentation made by the proponent and the reply letter dated 25.01.2021 furnished by project proponent, It is was clear that the project proponent is not willing to replant the trees and they themselves make a commitment that they are well grown developed trees which serves the purpose of absorbing lot of CO₂ and the clean the environment. Considering the no of trees (326 nos) after detailed debilitations the SEAC decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the certain conditions in addition to standard conditions stipulated by the MoEF&CC.


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The subject was placed before the 424th Authority meeting held on 12.02.2021. After detailed discussion, the Authority decided to forward the unit's reply to SEAC for their recommendations.

The subject was once again placed in the 209th SEAC meeting held on 09.04.2021. After detailed discussion the committee decided the following.

Recently, the Supreme Court observed that it would consider laying down a protocol to be followed for projects like road widening which require cutting of trees so that there is minimum damage to the environment. The protocol will be introduced so that there is minimum damage to the environment.

“Value of a tree is Rs.74,500 multiplied by its age: Supreme Court Panel”

“Setting a guideline on the valuation of trees for the first time in India, a supreme Court – appointed committee said a tree's monetary worth is its age multiplied by Rs.74,500. Out of this, the cost of Oxygen alone is Rs.45,000. The five-member committee added a heritage tree with lifespan of over 100 years could be valued at more than Rs. 1 crore”.

Hence, it is recommended that the proponent to be asked to pay the damage to be caused due to cutting of trees in their site as per the observations of the Supreme Court.

In this connection, the proponent has submitted reply vide letter dt:24.06.2021 stating as follows.

- 1) "As per the Hon'ble Committee and Authority's suggestion, 40 Nos of Neem trees has to be replanted within the project site and submit the proof of replantation before issuing of Environmental Clearance. The trees of these proposed site are very deep rooted in phase and the size of the trees are too huge to replant and replantation of these existing trees were tedious. Also, due to COVID pandemic situation the machineries for relocation were not available and it acquired abundant time for the relocation of trees.


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- 2) As per Hon'ble Committee suggestion, replantation of 40 Nos. of Neem trees within the project site has been carried out and the photographs of the same and affidavit on the be maintenance of replanted trees are enclosed. The remaining 286 trees were not cut and remains the same within the site.
- 3) In view of the above, the PP has informed that activities of replantation for the 40 Nos. of neem trees have been carried out as per the 195th SEAC suggestion and requested the Hon'ble Committee not to take any further action as per 209th SEAC Minutes."

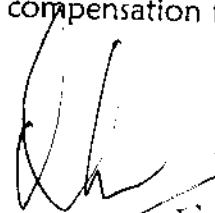
In view of the above it is submitted that, the PP has requested to consider the above and to grant Environmental Clearance. Hence, this proposal was forwarded by SEIAA (refer back) to SEAC so as to take further course of action on the proposal. The proponent has submitted request vide its Lr. Dt.:09.08.2021.

The proposal was again placed for appraisal in this 234th meeting of SEAC held on 22.09.2021 and the SEAC decide to decline the said request sought by the proponent and the SEAC recommended that the proponent has to pay the compensation for the remaining 286 Nos. of trees as per the Supreme Court guidelines. Also, the committee noted that a total of 326 Nos. of trees of 17 nos. of species of well grown trees that may be very rare to find in the city which may be housing as oxygen supplier as well as CO₂ absorber from the environmental angle.

In view of the above, the SEIAA may take appropriate decision especially in the city keeping in view that cutting of trees deprive the sustainability of ecology in the nearby areas. Also, it may be noted there are 17 species of trees which are very rare to locate in an urban environment.

1. In the minutes of the 241st meeting of SEAC held on 03.11.2021, the SEAC reported as follows among others.
 - a. SEAC states that committee has only mentioned/cited the action of Supreme Court that came in the newspaper regarding compensation for cutting of trees.


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- b. SEAC after detailed deliberations has decided that project proponent shall work out the compensation for the said no. of trees as per age of trees proposed within the project site as mentioned in the SEAC minutes and remit compensation to SEIAA and the same may be utilized for afforestation/avenue plantation purpose within the Greater Chennai Corporation limit and SEIAA may decide further course of action accordingly.


Again this proposal was placed in the 484th Authority meeting held on 29.01.2022 & 31.01.2022. After detailed discussion, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent with a request to work out the compensation for said number of trees as per age of trees proposed within the project site as mentioned in the SEAC minutes and remit compensation to SEIAA as recommended by SEAC. On receipt of details, the same may be placed before the Authority for taking further course of action


Now, the PP has furnished the reply vide Lr Dt. 15.03.202. This proposal has again been placed before 276th SEAC meeting held on 21.5.2022. Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC

1. The Committee noted that the Judgement of the Supreme Court was specific to the Petition before the Court and cannot be extended to all the cases. While leasing the land to the PP, the Railways Department was aware of the existence of trees on the said land and that the development of the land by PP would involve cutting of certain number of trees.
2. PP shall do tree plantation of 100 trees out of 244 trees in Boundary & OSR area of the proposed project site with ensuring 100% survivability. If land is not available for this purpose, PP shall obtain permission from the concerned authorities and transplant the trees in other railway land/railway quarters. The remaining 144 trees, for every tree to be

removed and not replanted, the PP shall plant ten trees in Government land in consultation with Revenue/Railway authorities/DFO concerned. The said activities shall be done before obtain CTO from TNPCB. PP shall furnish a sworn affidavit in this regard before obtaining EC.

3. The proponent shall obtain fresh water supply commitment letter from the competent authority before obtaining CTO.
4. The project proponent shall provide STP of capacity 125 KLD and GWTP capacity of 100 KLD and treated water shall be utilized for flushing and green belt and HVAC.
5. The treated/untreated sewage water shall not be let-out from the project premises.
6. The building shall conform to minimum of Gold standard in IGBC/LEED green building norms and shall obtain IGBC/LEED certificate in this regard before obtaining CTO from TNPCB.
7. 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.
8. The height of the stacks of DG sets shall be provided as per the CPCB norms.
9. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc., to TNPCB before obtaining CTO.
10. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
11. The sludge generated from the sewage treatment plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
12. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.


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13. 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. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
14. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
15. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
16. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
17. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
18. No waste of any type to be disposed off in any other way other than the approved one.
19. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
20. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.


- medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
22. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
 23. 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 and ensure that entire roof of the shed shall be covered with solar panel.
 24. 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.
 25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
 26. As accepted by the Project Proponent the CER cost is Rs. 3 Corer and the amount shall be utilized for Dugong Conservation programme before obtain CTO from TNPCB.

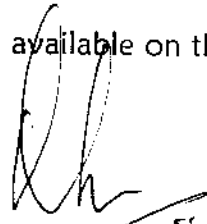
Agenda No: 276-17

(File No: 7896/2020)

Proposed "Upgradation of Existing R&D facility into intermediates for API Manufacturing Unit" at S.F.No.27, Vandaloor Kelambakkam Road, Keelakottaiyur Village, Melakottaiyur Post, Kancheepuram (Now Chengalpattu) District, Tamil Nadu by M/s. Solara Active Pharma Sciences Limited - For Environmental clearance (SIA/TN/IND2/175529/2020, dated 28.1.2021)

The proposal was placed for appraisal in this 276th meeting of SEAC held on 21.5.2022. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).


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

1. The Project Proponent, M/s. Solara Active Pharma Sciences Limited has applied seeking Environmental Clearance for the proposed "Upgradation of Existing R&D facility into intermediates for API manufacturing unit" at S.F.No.27, Vandaloor Kelambakkam Road, Keelakottaiyur Village, Melakottaiyur Post, Kancheepuram (Now Chengalpattu) District, Tamil Nadu.
2. Further, the application was submitted by the Proponent as Per the Office Memorandum issued by MoEF & CC vides F.No.F.No.22-25/2)20-IA.II dated: 13.04.2020 and as per S.O. 1223(E) dated: 27.03.2020 for the projects or activities in respect of 5 (f) Active Pharmaceutical ingredients (API) to appraise as Category'B2' Projects.
3. Hence, the project/activity is covered under Category "B2" of Item 5(f) "Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.

Earlier, this proposal was placed for appraisal in this 196th meeting of SEAC held on 29.01.2021, based on the presentation made and documents furnished by the Project proponent, SEAC decided to seek the following additional details from the Proponent:

1. Proponent shall clarify whether the unit is already into commercial production of the products listed or newly proposed.
2. Physical, Chemical and Physiological properties of the products shall be furnished.
3. Production details shall only be furnished in Tonnes Per Annum.
4. Certified compliance report from TNPCB for the existing facility.
5. The proponent shall furnish the Stoichiometric material balance for all the reactions to assess the quantum of pollutant emission from the proposed project.
6. The proponent shall furnish the details of the material and source of fuel used for boilers.

7. The project proponent shall furnish the Raw materials used for the individual product along with its storage details.
8. The Project proponent shall furnish details of all the products with chemical name and formula and the reaction kinetics including the list of intermediate products.
9. The Proponent shall propose the scientific mode of disposal of spent solvents and detailed proposal for solvent recovery which is going to be exposed to atmosphere shall be furnished by the project proponent.
10. The project proponent shall submit the expected characteristics of the Effluent generated during the processes and the design of the treatment plant based on those characteristics.
11. The proponent shall submit the proposal for treatment of sewage and design of the STP.
12. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the VOC Emissions and model the same.
13. Height of the stack for the process emission and the DG Sets should be recalculated by considering the nearest tallest building as per the CPCB guidelines.
14. Status of Agitated Thin Film Dryer provided at the unit shall be furnished.
15. The proponent shall carry out the Risk Assessment Study based on the MSDS of the individual chemicals during handling/Solvent storage/Storage of chemicals.
16. The proponent shall submit the Health hazard management and industrial hygiene assessment report carried out for the employees at the existing plant.
17. The project proponent shall obtain necessary permission from Competent Authority for the extraction of Ground water.
18. The Proponent shall ensure that the Solvent storage area is not located near the boiler and the proponent shall submit the safety measures undertaken in this regard.
19. The project proponent shall furnish the detailed study report on industrial Hygienic Survey and furnish the detailed report on Occupational Health and Safety Management for the employees.

20. The Environmental Management Plan (EMP) for the proposed project shall be revised considering the above points and same shall be submitted.

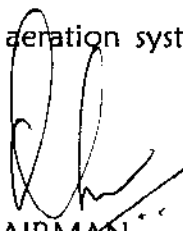
21. As per the MoEF&CC Office Memorandum F.No. 22-55/2017-IA.III dated: 30.01.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

On submission of the above details, SEAC decided that Proponent has to make a representation. It was further decided that an on the spot inspection shall be carried out by the subcommittee constituted by the SEAC to assess the present status of the site as this is an expansion project. Based on the inspection report by the Proponent, SEAC would further deliberate on this project and decide the further course of action. The sub-committee constituted by the SEAC, the Sub-committee visited the site on 10.03.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection,

1. The sub-committee visited the R&D area, Effluent treatment plant, Multiple Effect Evaporator and sewage treatment plant in the unit premises.
2. The unit is functioning as an R&D unit with scale up area and has obtained Consent from TNPCB for its R&D Activities and have not obtained Environmental clearance.
3. Project Proponent planning to convert their R& D facility into intermediates for API manufacturing unit within the existing premises and the same needs to be clarified by the project proponent and shall submit revised proposal for the same if any change.
4. The unit having lab facility of maximum 100 litre vessel capacity (reactor)
5. At the time of inspection STP of capacity 40 KLD and ETP of 60 KLD operating at the site
6. The flow measurement at both STP and ETP are of electronic flow meter in nature and at the time of inspection receiving flow of 10 KLD and 15 KLD respectively
7. In the STP, the aeration tank of 3m height with diffused air aeration system with recirculation sludge facility designed as extended ASP


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8. The MLSS concentration in the aeration tank at the time of inspection around 2500 mg/l which needs to be build up to 3500-4000 mg/l to maintain F/M =0.4 for effective functioning of ASP
9. The MLSS concentration in the ETP is also around 2300 mg/l needs to be build up to 3500-4000 mg/l for effective functioning of aeration system
10. The project Proponent to furnish all the reactions with stoichiometrically balanced showing molecular formula and structure clearly showing reactant and products details indicating mass balance.
11. The project proponent to furnish performance evaluation reports of STP and ETP for the last 6 months
12. The Project proponent to furnish details and the characteristics of raw influent and treated effluent for both STP and ETP along with flow measurement records for the last 6 months
13. The facilities available for checking of quality control of chemicals handled by the project proponent to be furnished
14. Details of solid and hazardous waste generated and their management to be furnished by project proponent
15. Distance between the Boiler and solvent storage tank around 750m and to relocate the solvent storage tank to possible maximum distance to avoid any risks in the future
16. Salt recovered from the MEE/ATFD shall be computed and to be furnished
17. Project proponent shall furnish Risk Assessment for 1.) In case of Hazardous 2.) In case of Fire accidents
18. Project proponent shall submit the Ground water clearance for its proposed project form the Competent Authority
19. Report on occupational risk assessment shall be furnished: Risk ranking of chemical used based on the toxicity and exposure assessment for the hazardous chemicals (TWA or STEL measurements based on the exposure situation);
20. Health surveillance plan (Industrial Hygiene assessments) and exposure assessment specific to API exposure to be furnished from an industrial hygiene laboratory

21. Ambient and workplace VOCs signatures and level to be furnished. Bulk sample analysis to be performed
22. Water analysis of API in open well and bore well to be furnished
23. Hydrocarbon analysis from DG stack to be furnished in addition to the routine parameters as per the CPCB standards
24. Height of DG stack to be in accordance to the regulation,

Based on the inspection report and the documents furnished by the Proponent, the SEAC decided to direct the proponent to furnish the following additional particulars.

1. Project Proponent planning to convert their R& D facility into intermediates for API manufacturing unit within the existing premises and the same needs to be clarified by the project proponent and shall submit revised Form-1 for the same if any change.
2. The project Proponent to furnish all the reactions with stoichiometrically balanced showing molecular formula and structure clearly showing reactant and products details indicating mass balance.
3. The project proponent to furnish performance evaluation reports of STP and ETP for the last 6 months.
4. Project proponent shall furnish Risk Assessment for 1.) In case of Hazardous 2.) In case of Fire accidents.
5. Report on occupational risk assessment shall be furnished: Risk ranking of chemical used based on the toxicity and exposure assessment for the hazardous chemicals (TWA or STEL measurements based on the exposure situation);
6. Health surveillance plan (Industrial Hygiene assessments) and exposure assessment specific to API exposure to be furnished from an industrial hygiene laboratory.

Based on the receipt of the proponent's reply this proposal has again been placed in 276th SEAC meeting held on 21.5.2022 and SEAC noted that the Aringar Anna Zoological Park, Vandaloor is located very near to the project site and hence the PP shall obtain NOC/ opinion from the Director, Aringar Anna Zoological Park, Vandaloor. The EIA Coordinator shall also submit a detailed report on the implications of setting up this unit on the Zoological Park. On receipt of these details SEAC will examine the proposal further.


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Agenda 276-14

(File No. 964/2020)

Proposed Construction of Residential Complex at S.F.No. 24/1, 24/3A1A, 24/3A1B, 24/9, 24/10, 26/3 & 26/2A of Sundaracholavaram Village, Poonthamalle Taluk, Thiruvallur District, Tamil Nadu by M/s RMK Constructions and Housing – For Amendment in Environmental Clearance (SIA/TN/MIS/162599/2020, Dated 09.07.2020)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

- Earlier, the Proponent of M/s. RMK Constructions and Housing has obtained Environmental Clearance vide Letter No. SEIAA/TN/F.964/EC/ 8(a)/ 174 /2013 dt: 11.06.2013 for the proposed Construction of Residential Complex at S.F.No. 24/1, 24/3A1A, 24/3A1B, 24/9, 24/10, 26/3 & 26/2A of Sundaracholavaram Village, Poonthamalle Taluk, Thiruvallur District, Tamil Nadu
- Subsequently the PP has issued with amendment in the above said Environmental Clearance vide Letter No. SEIAA/TN/F.964/A/ 8(a)/2013 dt:16.07.2013 for the following

S.No	Description	As per EC Issued	Details of Amendment Approved
1	Built-up area	99,023.38 Sq.m	96518.83 Sq. m. (including stilt area)
2	Survey Number	S.Nos. 24/1, 24/3A1A, 24/3A1B, 24/9, 24/10, 26/3 & 26/2A	S. No. 24/1, 24/3A1A, 24/3A1B, 24/9, 24/10, & 26/3
3	Brief description of the project	<ul style="list-style-type: none">➤ The total plot coverage area 51,075.96 Sq.m.➤ The proposed residential complex comprising of 1 to 9 Blocks (9 Blocks) with 780 Dwelling units➤ Each block has stilt + 4 floors + terrace (648 units)	<ul style="list-style-type: none">➤ The total plot coverage area 50,425.01 Sq.m.➤ The proposed residential complex comprising of 10 Blocks (Block I to Block IX + LIG Block), Club House and Community Hall with 768 Dwelling units

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		<ul style="list-style-type: none">➤ LIG - stilt + 4 floors + terrace (132 units)➤ Club House with Ground + 3 floors + terrace and➤ Community Hall – Ground floor➤ Occupancies – 3900 + 225 Visitors➤ Surface parking – 2,613.61 Sq.m➤ Covered parking – 18,506.00 Sq.m	<ul style="list-style-type: none">➤ Each block has stilt + 4 floors + terrace (640 units)➤ LIG - stilt + 4 floors + terrace (128 units)➤ Club House with Ground + 3 floors + terrace and➤ Community Hall – Ground floor➤ Occupancies – 3840 + 225 Visitors➤ Surface parking – 1973.55 Sq.m➤ Covered Parking (stilt area) – 18,777.18 Sq.m																
4	STP Details	Capacity – 520 KLD Fresh Water Requirement – 362 KLD Domestic Water Requirement – 357 KLD Toilet Flushing – 180 KLD Swimming Pool – 5 KLD Gardening – 26 KLD Treated sewage generated – 446 KLD Disposal to Local Body – 240 KLD	Capacity – 520 KLD Fresh Water Requirement – 356 KLD Domestic Water Requirement – 351 KLD Toilet Flushing – 177 KLD Swimming Pool – 5 KLD Gardening – 26 KLD Treated sewage generated – 438 KLD Disposal to Cooum River – 235 KLD																
5	Solid Waste Details	<table><tr><th>S.No</th><th>Description</th><th>Quantity (kg/day)</th><th>Method of Treatment / Disposal</th></tr><tr><td>1</td><td>Bio degradable Waste</td><td>798</td><td>Organic Waste Converter and manure used</td></tr></table>	S.No	Description	Quantity (kg/day)	Method of Treatment / Disposal	1	Bio degradable Waste	798	Organic Waste Converter and manure used	<table><tr><th>S.No</th><th>Description</th><th>Quantity (kg/day)</th><th>Method of Treatment / Disposal</th></tr><tr><td>1</td><td>Bio degradable Waste</td><td>825</td><td>Organic Waste Converter and manure used</td></tr></table>	S.No	Description	Quantity (kg/day)	Method of Treatment / Disposal	1	Bio degradable Waste	825	Organic Waste Converter and manure used
S.No	Description	Quantity (kg/day)	Method of Treatment / Disposal																
1	Bio degradable Waste	798	Organic Waste Converter and manure used																
S.No	Description	Quantity (kg/day)	Method of Treatment / Disposal																
1	Bio degradable Waste	825	Organic Waste Converter and manure used																

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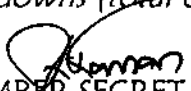
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				for gardeni ng				for gardeni ng		
		2	Inert Waste	359	Land fill		2	Inert Waste	334	Land fill
		3	Non Bio degrada ble Waste	838	Authori sed Recycle rs		3	Non Bio degrada ble Waste	806	Authori sed Recycle rs
		4	STP Sludge	68	Manur e for gardeni ng		4	STP Sludge	76	Manur e for gardeni ng
		solid waste generated - 2063 Kg/day					solid waste generated - 2041 Kg/day			
6	Project Cost	Rs.116 Crores					Rs.197 Crores			

Now, the PP has requested to revalidate of the Environmental Clearance issued for the period of upto 31.12.2023.

This proposal was placed before 276th SEAC meeting held on 21.5.2022, based on the presentation made and documents furnished by the project proponent, SEAC noted that the validity of the Existing EC has been expired on 10.6.2020. Further the MOEF&CC notification Dt. 27.11.2020 has stated that

"9A. Notwithstanding anything contained in this notification, the validity of prior environmental clearances granted under the provisions of this notification in respect of the projects or activities whose validity is expiring in the Financial Year 2020-2021 shall deemed to be extended till the 31st March, 2021 or six months from the date of expiry of validity, whichever is later. Such extension is subject to same terms and conditions of the prior environmental clearance in the respective clearance letters, to ensure uninterrupted operations of such projects or activities which have been stalled due to the outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control".


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MoEf&CC notification S.O. No. 1807(E) Dt. 12th April, 2022 stated that "(i) The "Validity of Environmental Clearance" is meant the period from which a prior Environmental Clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity; or completion of all construction operations in case of construction projects relating to item 8 of the Schedule, to which the application for prior environmental clearance refers: Provided that in the case of mining projects or activities, the validity shall be counted from the date of execution of the mining lease. (ii) The prior environmental clearance granted for an existing or new project or activity shall be valid for a period of,-

- a. thirteen years in the case of River Valley projects or activities [item 1(c) of the Schedule];
- b. fifteen years in the case of Nuclear power projects or activities and processing of nuclear fuel [item 1(e) of the Schedule];
- c. 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).

By considering the above facts, SEAC decided to recommend the proposal for the grant of extension of validity up to 31.12.2023 subject to the conditions as mentioned in Letter No. SEIAA/TN/F.964/EC/ 8(a)/ 174 /2013 dt: 11.06.2013 & Letter No. SEIAA/TN/F.964/A/ 8(a)/2013 dt:16.07.2013 in addition to the following conditions.

1. As accepted, the PP shall provide free education including free hostel accommodation with food for 50 Nos of poor students per year, from Govt Schools who are admitted in educational institutions run by the PP.
2. All other conditions stipulated in the Environmental Clearance issued vide Letter No. SEIAA/TN/F.964/EC/ 8(a)/ 174 /2013 dt: 11.06.2013 & Letter No. SEIAA/TN/F.964/A/ 8(a)/2013 dt:16.07.2013 shall remain unaltered.


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Agenda 276-19

(File No. 2995/2022)

Proposed construction of Residential Apartments Survey numbers 58/1, 59/1(pt) of Velachery Village, TS No.1, Block 17, Door Nos 7 & 8, Five Furlong Road Velachery Village Mambalam Guindy Taluk Chennai District, Tamil Nadu by M/s Puravankara Projects Limited – For Amendment in Environmental Clearance (SIA/TN/MIS/267415/2022, dated 12.04.2022)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

- Earlier, the Proponent of M/s Puravankara Projects Limited has obtained Environmental Clearance vide Letter No. SEIAA-TN/F.No. 2995/CHN/EC-354/8(a)/2014 dated: 17.12.2014.
- Now the PP vide Lr Dt. 29.3.2022 has requesting for the validity extension of the EC for three more years.

During the meeting, the NABET Accredited consultant stated that as per MoEf&CC notification S.O. No. 1807(E) Dt. 12th April, 2022, the validity of EC has been automatically extended, hence they would proceed to withdraw the proposal. There by SEAC decided not to proceed further pending withdrawal of the proposal by PP.

Agenda 276-20

(File No. 3173/2021)

Proposed construction of Residential Complex "SIGNATURE CITY" at SF.No. 4, 5, 6, 7, 13, 14, 15, 73/1B and 73/1C Adayalambattu Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu by M/s. KG Foundation Private Limited – For Amendment in Environmental Clearance (SIA/TN/MIS/236266/2021, dated 28.11.2021)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).


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The SEAC noted the following:

- Earlier, the Proponent of M/s. KG Foundation Private Limited has obtained Environmental Clearance vide Letter No. Lr.No.SEIAA/TN/EC/8(b)/068/F-224/2009/dt 24.11.2009 Proposed construction of Residential Complex "SIGNATURE CITY" at SF.No. 4, 5, 6, 7, 13, 14, 15, 73/1B and 73/1C Adayalambattu Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu.
- The Amendment (1st Amendment) and revalidation of Environmental Clearance was issued vide Lr No. SEIAA-TN/F-3173/2014/A/EC-Ext/AE-IV/2015 dated: 13.03.2015 for a period of 5years up to 22.11.2019.
- The 2nd Amendment vide Letter No. SEIAA-TN/F.3173/EC/2015/A/Amend/2021 dated:27.04.2021 has been issued for the following subject to the following conditions.

Built-up area statement			
Description	No. of. floors per block	No. of Dwelling units per block	Total area in Sq.m
Block A	S+ 13	104	13056.48
Block B	S+ 13	104	13045.26
Block C	S+ 16	256	26988.80
Block D	S+ 16	256	24034.69
Block E 1	S+ 15 Common basement for E1 & E2	225	26881.24
Block E 2	S+ 15 Common basement for E1 & E2	165	25530.32
Block F	S+ 14	98	11090.01
Block G	S+ 14 Common basement for F & G	225	19635.53
Club House	G+2		1702.52
		1460	161964.85

1. All other conditions stipulated including the validity (21.11.2021) in the Environmental Clearance issued vide Lr.No.SEIAA/TN/EC/8(b)/068/F-224/2009/dated 24.11.2009 and subsequent amendment issued letter no. SEIAA-TN/F-3173/2014/A/EC-Ext/AE-IV/2015 dated: 13.03.2015

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shall remain unaltered.

Now the PP has stated that the project got delayed due to financial constraints, fluctuation in market conditions and lockdown due to Covid-19 and requesting for extend the validity of the Environmental Clearance issued vide Letter No. Lr.No.SEIAA/TN/EC/8(b)/068/F-224/2009/dt 24.11.2009 and it's quantities area as mentioned in subsequent amendment issued vide SEIAA-TN/F.3173/EC/2015/A/Amend/2021 dated:27.04.2021 for the period up to four years.

This proposal has placed before 276th SEAC meeting held on 21.5.2022, based on the presentation and documents furnished by the PP, SEAC noted that

MoEf&CC notification S.O. No. 1807(E) Dt. 12th April, 2022 stated that "(i) The "Validity of Environmental Clearance" is meant the period from which a prior Environmental Clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity; or completion of all construction operations in case of construction projects relating to item 8 of the Schedule, to which the application for prior environmental clearance refers: Provided that in the case of mining projects or activities, the validity shall be counted from the date of execution of the mining lease. (ii) The prior environmental clearance granted for an existing or new project or activity shall be valid for a period of,-

- a. thirteen years in the case of River Valley projects or activities [item 1(c) of the Schedule];
- b. fifteen years in the case of Nuclear power projects or activities and processing of nuclear fuel [item 1(e) of the Schedule];
- c. 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).

By considering the above facts there by SEAC decided to recommend the proposal for the grant of extension of validity up to 20.11.2025 subject to the conditions as mentioned in Lr. No. Lr.No.SEIAA/TN/EC/8(b)/068/F-224/2009/dt 24.11.2009 and it's quantities, built up area etc., as mentioned in subsequent


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amendment issued vide SEIAA-TN/F.3173/EC/2015/A/Amend/2021 dated:27.04.2021 in addition to the following conditions.

1. All other conditions stipulated including the validity in the Environmental Clearance issued vide Lr.No.SEIAA/TN/EC/8(b)/068/F-224/2009/dt 24.11.2009 & Letter No. TN/F.3173/EC/2015/A/Amend/2021 dated:27.04.2021 shall remain unaltered
2. As accepted by the Project Proponent, the CER cost is Rs. 0.45 Crore and the amount shall be utilized for providing infrastructure facilities to Porur Girls Higher Secondary School in consultation with the HM, before obtaining CTO from TNPCB.

Agenda 276-21

(File No. 7525/2022)

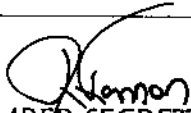
Proposed construction of 900 EWS tenements at S.F.No. 251/2 & 3 Kalanivasal Village, Karaikudi Taluk, Sivagangai District, Tamil Nadu by M/S Tamil Nadu Urban Habitat Development Board (TNUHDB) (erstwhile M/s Tamil Nadu Slum Clearance Board)– For Amendment in Environmental Clearance (SIA/TN/MIS/256163/2022, Dated 14.03.2022)

The proposal was placed in this 276th SEAC Meeting held on 21.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

- Earlier, the Proponent of M/S Tamil Nadu Urban Habitat Development Board (TNUHDB) (erstwhile M/s Tamil Nadu Slum Clearance Board) has obtained Environmental Clearance vide Letter No.SEIAA-TN/F.No. 7525/EC/ 8(a)/712/2020 dated: 28.07.2020.
- Now the PP has requested for amendment in the said EC issued for the following

As per EC (Letter No. SEIAA – TN/F.7525/EC/8 (a)/712/2020 dated 28.07.2020)	Amendment sought for
Tamil Nadu Slum Clearance Board	Tamil Nadu Urban Habitat development


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(TNSCB)	board (TNUHDB)
sewage treatment plant -230 KLD of MBBR Technology, Grey Water Treatment Plant 430 KLD	Proposing 600 KLD sewage treatment plant of Sequential Batch Reactor. Design vetted by academic Institution for its Hydraulic design adequacy.
Solid Waste : Biodegradable waste of 1731.36 Kg/day (BioMethanation Plant)	Segregation of waste at source will be adopted and Sangarapuram Panchayat have agreed to provide Municipal Solid Waste (MSW) collection, transportation and disposal to the existing solid waste dumping site-Local Body acceptance obtained.

This proposal has placed before 276th SEAC meeting held on 21.5.2022, based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the following amendment in the Environmental Clearance issued vide Lr No.SEIAA-TN/F.No. 7525/EC/ 8(a)/712/2020 dated: 28.07.2020.

As per EC (Letter No. SEIAA – TN/F.7525/EC/8 (a)/712/2020 dated 28.07.2020)	Recommendation for Amendment issued
Tamil Nadu Slum Clearance Board (TNSCB)	Tamil Nadu Urban Habitat development board (TNUHDB)
sewage treatment plant -230 KLD of MBBR Technology, Grey Water Treatment Plant 430 KLD	Proposing 600 KLD sewage treatment plant of Sequential Batch Reactor. Design vetted by academic Institution for its Hydraulic design adequacy.
Solid Waste : Biodegradable waste of 1731.36 Kg/day (BioMethanation Plant)	Segregation of waste at source will be adopted and Sangarapuram Panchayat have agreed to provide Municipal Solid Waste (MSW) collection, transportation and disposal to the existing solid waste dumping site-Local Body acceptance obtained.

All other conditions stipulated including the validity in the Environmental Clearance issued vide Lr No.SEIAA-TN/F.No. 7525/EC/ 8(a)/712/2020 dated: 28.07.2020 shall remain unaltered.


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Agenda No: 276 -22

(File No: 7317/2019)

Proposed Rough Stone Quarry lease area over an extent an extent of 1.00.0 Ha located at S.F.No. 145 (P), Rajanagaram (Kandapuram)Village, Pallipattu Taluk, Tiruvallur District, Tamil Nadu by Thiru.G.S.Loganathan - For Environmental Clearance. (SIA/TN/MIN/224104/2021 dated: 02/12/2019)

The proposal was placed for appraisal in this 276th meeting of SEAC held on 21.5.2022. 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. G.S.Loganathan has applied for Environmental Clearance for the proposed Rough Stone Quarry lease area over an extent an extent of 1.00.0 Ha located at S.F.No.145(P), Rajanagaram (Kandapuram)Village, Pallipattu Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. From the Google map, it has been observed that a shed not belonging to the owner is situated at a distance of 92.4 m from the lease boundary of the proposed quarry.

Earlier, this proposal was already placed in the 169th SEAC Meeting held on 07.08.2020 & 244th meeting of SEAC held on 09.02.2022. The project proponent gave detailed presentation.

Based on the presentation made by the proponent and the documents furnished, SEAC noted that habitation is located at 150 m to the proposed project site. Further, it was reported from the SEIAA office "No legal issues. It is a Poramboke land". However, the Hon'ble NGT, Principal bench, New Delhi in O.A.No.304/2019 order dated 21.07.2020 stated the following:

"3. Accordingly, the CPCB has filed its report on 09.07.2020 concluding as follows:


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6.0 Conclusion:

In view of available information, following minimum distance criteria may be considered for permitting stone quarry by SPCBs:

Mining Type		Minimum distance	Locations
A.	When Blasting is not involved	100 m	Residential/public buildings, inhabited sites location to be considered by States
B.	When Blasting is involved	200 m	

** Note: The regulations for danger zone (500 m) prescribed by Directorate General of Mines Safety also have to be complied compulsorily and necessary measures should be taken to minimize the impact on environment.

However, if any state is already having stringent criteria than the above for minor minerals mining (i.e. more prescribed distances than the above), the same shall be applicable.

4. In the view of the above, the said criteria be followed throughout India.


The CPCB may monitor compliance. A copy of this order be sent to the CPCB and all the state PCBs/PCCs by email for compliance.”

After detailed deliberation, the SEAC decided to get necessary clarification from the SEIAA about the above points. After getting the clarification from SEIAA, the subject shall be placed before SEAC for appraisal. Further, necessary instruction shall be issued to the SEIAA office about the above said order.

The proposal was placed in the 399th Authority meeting held 24.09.2020. After detailed discussions, the Authority decided to follow the Rule 36 (I-A) of Tamil Nadu Minor Mineral Concession Rules, 1959 as amended as which states as follows,

(a) "No lease shall be granted for quarrying stone within 300m from any habitated site"

(iii) "Inhabited site mean a village site or town site or house site or layout approved by a local body or town or country or metropolitan planning authority where the said Body or Authority is located under a state and empowered to approve such an area as a house site or layout area"


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SEAC shall follow the aforesaid for processing of files relating to minor minerals. MS-SEIAA shall communicate the above decision to SEAC as requested.

Based on the above decision of Authority, the proposal was again discussed in the 186th SEAC meeting held on 21.11.2020. The SEAC has noted as follows,

1. It was found that habitations were located within 150m of the proposed project site.
2. The location of the habitations around this proposed quarry was verified by SEAC today, on the Google Map.
3. It was found that there was a village approximately 150 m of the proposed quarry site. Also re-examining the VAO certificate for this proposal, the VAO certificate is based on enquiry, but not on actual site visit.

Hence, considering Google map as authenticate, as per SEIAA direction in its 399th meeting held on 24.09.2020, mentioned above, the proposal is not recommended.

The proposal was placed in the 417th Authority meeting held on 04.01.2021, 05.01.2021 & 06.01.2022. The Authority discussed in detail and noted that the SEAC in its 186th meeting held on 10.10.2020 has recommended as follows,

"It was found that habitations were located within 150m of the proposed project site. The location of the habitations around this proposed quarry was verified by SEAC today, on the Google Map. It was found that there was a village approximately 150 m of the proposed quarry site. Also re-examining the VAO certificate for this proposal, the VAO certificate is based on enquiry, but not on actual site visit. Hence, considering Google map as authenticate, as per SEIAA direction in its 399th meeting held on 24.09.2020, mentioned above, the proposal is not recommended"

In view of the above, the Authority decided to reject the proposal for the reason as recommended by SEAC subject to condition that any appeal against this decision shall be made with the Hon'ble NGT, if preferred within a period of 30 days as prescribed under section 16 of the NGT Act, 2010.


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Hence the project proponent has approached the NGT appeal No.51 of 2021(SZ) dated 13.07.2021 and prepared modified the Mining Plan without involving blasting operation to justify the direction of NGT order and got approval from Dept. of Geology & Mining.

The proposal was now placed for appraisal in this 244th meeting of SEAC held on 09.02.2022.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC observed that the modified mining plan was not revised in terms of production. Hence SEAC have decided to ask the Proponent to justify the similar level of production as indicated in both approved Mining Plan involving Drilling & Blasting and Modified Mining Plan involving Hydraulic Rock Breakers (without blasting) for the breakage & production of adequate material for excavation/production.


Since it has been noted from the Google map that a shed not belonging to the owner is situated at a distance of 92.4 m from the lease boundary of the proposed quarry, the SEAC also decided to make an on- site - spot inspection to assess the status of the site by the sub-committee constituted by the SEAC.

On receipt of the Inspection report from sub-committee, SEAC would further deliberate on this project and decide the further course of action. Hence the SEAC has decided to defer the proposal.

A subcommittee comprising the Thiru. D. VELAZHAGAN, Member SEAC – TN & Dr. P. BALAMADESWARAN, Member SEAC – TN was constituted by SEAC to inspect and study the field condition in the proposal seeking the grant of Environmental Clearance for the proposed rough stone quarry on 22.04.2022 (Monday) vide Lr. No. SEAC-TN/Site Inspection/2022 dated 03.03.2022, jointly with the Asst Director of Geology and Mining, Tiruvallur District.

OBSERVATIONS OF THE SUB-COMMITTEE

- This is a proposed quarry and applied for fresh lease. There were manual quarrying operations observed in the quarry is located on a hill slope adjacent to the fresh lease during the visit. It is noted that a group of 10-12 houses are


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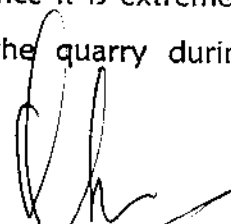
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located at a distance of 92 m from the northern side boundary of the fresh lease where the quarry is proposed.

- There is also a concrete-built structure house situated at a distance of 60 m from the boundary of the proposed site on the eastern side and it was constructed only after the application for grant of Environmental Clearance has been filed for the proposed quarry in the fresh lease.
- The proprietor of the house - Thiru. Subramanian, who lives in the same house, is also the owner of a rough stone quarry being operated manually adjacent to the above fresh lease where the quarry is proposed by Thiru. G.S. Loganathan.
- It has been learned that a group of 8 to 12 persons belonging to Thiru. Subramanian family has been involved in breaking of the rough stone blocks without adopting any heavy blasting operations by carrying out 'feather and wedge' method to reduce large masses of stone to smaller size.
- It has been observed in the aforesaid operating quarry that a row of shallow holes of 32-34 mm diameter is made along the line with the help of a compressor-operated jack hammer drill, where a break is desired, with the spacing of 15-20 cm apart. Then, the feathers consist of two iron strips flat on one side for contact with the wedge and curved on the other to fit the wall of the drill hole (as shown in the photographs given in the Annexure). They are placed in the hole and the plug (a steel wedge) is placed between them. They are being sledged lightly in succession until a fracture appears. Wherever possible, such fractures are made parallel with the rift of the stone.
- In addition to the above mentioned, there are other techniques that, with more or less success, are sometimes used in this rough stone quarrying is that a high temperature jet flame applied for making channels in the surface of the charnockite rock. This high temperature makes quartz-grains expand, with pulverization of the rock as a result. It effectively works properly for quartz rich rocks. The use of this method is declining, especially since it is extremely dusty and because it is difficult to do other work in the quarry during channelling.


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- During the above process, it was informed that a day production of 30 to 34 cbm rough stone comprises of the small blocks and large pillar stones are only produced in 6-hour duration spread over the day time with adequate rest intervals for the workmen.
- It was also noted that the weathered top layer covering the massive rough stone has been used for construction of safety berms (bunds) along the boundary of the quarry
- Here, the proprietor of the house - Thiru. Subramanian, who has welcomed the proposed quarry of Thiru. G.S. Loganathan as the manual type mining operations with minimal daily production will not affect the surrounding environment and given his consent for the commencement of quarrying operations.
- No Green belt has been raised and no fencing was installed on the southern side of the operating quarry.
- It is also learned from Thiru. V. Saravanan, Sub-Inspector of Surveying and Thiru. P. Anbazhagan, Village Administrative Officer (VAO) that no habitats were existing at the time when lease was granted to Thiru. G.S. Loganathan in 2019.
- Further, a length of 10-15 m has been left at the northern side of the quarry lease to facilitate a minimum distance of 100 m from the existing house not belonging to the owner as required under the NGT order and the same will be used for greenbelt development.
- It was also informed that the proponent - Thiru. G.S. Loganathan, who is also currently the Panchayat President of the Rajanagaram (Kandapuram) Village, providing the necessary support for developing the infrastructure facilities in the village.

RECOMMENDATIONS OF THE SUB COMMITTEE

1. The Fencing shall be installed around the boundary of the proposed quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959.
2. The Greenbelt may be raised covering a width of 10 m all around the quarry

site.


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3. The Subcommittee has asked the proponent to submit the following documents to consider the grant of Environmental Clearance for the aforesaid quarry:

- i. A copy of the letter from the Village Administrative Officer that there is no inhabited sites are located within a radius of 300 m from the proposed quarry site to satisfy the provisions of the Rule 36 (1) & (1-A) of the Tamil Nadu Minor Mineral Concession Rules, 1959 at the time of grant of lease.
- ii. A copy of the letter obtained from the proprietor of the house - Thiru. P. Subramani a concrete-built structure house situated at a distance of 60 m on the eastern side of the proposed site stating that it was constructed only after the application for grant of Environmental Clearance has been filed for the proposed quarry in the fresh lease and no objections for the proposed quarry site.

The SEAC sub-committee have recommended that in view of protecting the structures of the above houses in the nearest village, (i) the quarrying operations shall be concentrated only in the southern and lower side of the existing lease more than at a distance of 100 m leaving adequate safety barrier from nearest house located in the village; (ii) the non-explosive technique such as feather and wedge shall be exclusively adopted for the quarrying the blocks of rough stone rock.

Hence, the sub-committee opines the proposal for the grant of Environmental Clearance for proposed Rough Stone quarry lease over an extent of 1.00.0 ha in S.F.No. 145 (P) at Rajanagaram (Kandapuram) Village, Pallipattu Taluk, Tiruvallur District, Tamil Nadu may be considered as it involved manual mode of quarrying the rock stones without adopting the blasting operation.

This proposal has again been placed in 276th SEAC meeting held on 21.5.2022, based on the sub committee's report SEAC decided to 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.


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1. The quarrying operations shall be concentrated only in the southern and lower side of the existing lease more than at a distance of 100 m leaving adequate safety barrier from nearest house located in the village.
2. The non-explosive technique such as feather and wedge shall be exclusively adopted for the quarrying the blocks of rough stone rock.
3. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and
5. shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
7. The Project proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
8. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the

approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

9. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.
10. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
11. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
12. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. 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.
14. 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

15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital.
19. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
22. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
23. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
24. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are

compiled by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.

25. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
26. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.
27. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
28. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
29. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix -II of these minutes.
30. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

31. 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 EMP furnished.
32. As accepted by the Project proponent the CER cost is Rs. 2 lakh and the amount shall be spent for the following activities in Panchayat Union Middle School Vanur before obtaining CTO from TNPCB.

Developing Library Facilities to Government High school, Rajanagaram Village. Planting of trees in and around the school (As per Appendix-I).

Agenda No: 276 -23

(File No: 8088/2021)

Proposed Rough Stone Quarry Lease area over an Extent of 2.68.24 Ha at S.F. Nos. 89/ 1, 89/2A2, 90/2A, 90/2B, 100/3A2(P) and 100/3B (P) Vazhukkuparai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru. K.Senthilkumar - For Environmental Clearance. (SIA/TN/MIN/224104/2021 dated: 02/12/2019).

The proposal was placed for appraisal in this 276th meeting of SEAC held on 21.5.2022. The details of the project furnished by the proponent are given in the website (parivesh. nic.in).

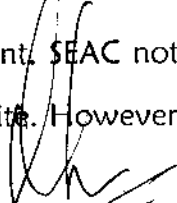
The SEAC noted the following:

1. The project proponent Thiru. K.Senthilkumar, has applied for Environmental Clearance Under Proposed Rough Stone Quarry Lease area over an Extent of 2.68.24 Ha at S.F. Nos. 89/ 1, 89/2A2, 90/2A, 90/2B, 100/3A2(P) and 100/3B (P) Vazhukkuparai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. Project / activity covered under the category of "B2" of item 1 (a)"Mining and Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 226640 cu.m of Rough Stone & 14073 cu.m of Gravel and the ultimate depth of mining is 38m.

Earlier, this proposal has placed before 223rd SEAC meeting held on 3.7.2021. Based on the presentation and documents furnished by the project proponent, SEAC noted that there is a factory located at a distance of 60m distance from the site. However in


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the VAO letter this is not mentioned. SEIAA may take appropriate decision on this application with reference to 300m rule. On receipt of the clarification the SEAC would decide the further course of action. Based on the minutes 459th SEIAA meeting held on 9.9.2021, it has requested to make on spot inspection by the subcommittee constituted by SEAC.

The sub-committee is composed of Shri.Velazhagan, Member, SEAC and Dr. B.Gowtham, Member, SEAC. The sub-committee members were accompanied by Thiru.K. Senthilkumar (Proponent) during the mine visit on 23.04.2022

Observations Made by the Sub-Committee:


1. The proposed mine for quarry Rough Stone and Gravel falls within lease area over an Extent of 2.68.24 Ha at S.F. Nos. 89/ 1, 89/2A2, 90/2A, 90/2B, 100/3A2(P) and 100/3B (P) Vazhukkuparai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu .
2. The quarry land falls under Non forest, Patta land (Consent Registered), Minor Mineral category and an existing quarry.
3. The existing quarry is completely fenced and entry of outsiders is restricted .
4. The greenbelt around the existing quarry is fairly maintained .
5. The road leading to the quarry well established and wider enough to transport the rough stone materials without any hurdle .

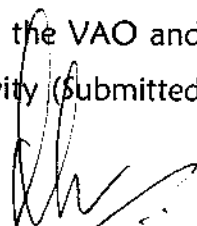
Response of the Proponent to the Objections Raised by SEAC:

Query 1: There is a factory located at a distance of 60 m distance from the site, however in the VAO letter this not mentioned. SEIAA may take appropriate decision on this application with reference to 300 m rule.

Response from the Proponent:

- o The Proponent had received and submitted a NOC from the VAO and also from the factory owner to carry out the mining activity (Submitted to SEIAA on 23.09.2021).


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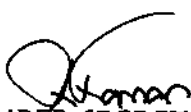
- There are no other buildings nearby the quarry.
- The existing open well near the quarry has water level around 20 m. BGL.

RECOMMENDATIONS

The SEAC sub-committee members after visiting the site recommends Environmental Clearance to the proposed mine with the following conditions:

- The proponent should ensure of using controlled blasting techniques during the quarrying processes.
- More than 300 trees have to be planted around the mining area before start of the quarrying. More number of trees has to planted along the side where the factory is located.
- Mining of the gravel and rough stone should be as per the approved mining plan.

This proposal has again been placed in 276th SEAC meeting held on 21.5.2022, based on the sub committee's report SEAC decided not to recommend the proposal for the grant of Environmental Clearance, since inhabitant located at a distance of 60m.


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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	விலவம்
2	<i>Adenanthura parviflora</i>	Manjadi	மஞ்சாடி, ஆனைக்குன்றுமணி
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 tomentosa</i>	Iruvathi	இருவாததி
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>Cilicorydon swietenia</i>	Purasamaram	பரசு மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Nannuli	நருவூளி
18	<i>Croton adansonii</i>	Mavalingum	மாவிலங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Satruzha	சிறு உசா
21	<i>Diospyros ebenum</i>	Karungali	கருங்காலி
22	<i>Diospyros schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amphissima</i>	Kallichi	கல் இச்சி
24	<i>Hibiscus tiliaceus</i>	Aatrupoovarasu	ஆற்றுப்பூவரசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelea integrifolia</i>	Aayili	ஆயா மரம், ஆயிலி
27	<i>Lannea coromandelica</i>	Odhiam	ஓதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottamaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விலா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பிளிப்பை, பிசின்பட்டை
32	<i>Madhuca longifolia</i>	Illupai	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	நுணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுணா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	பங்கம்


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 caulescens</i>	Vennangu, Tada	வேண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	பூவு
47	<i>Putranjiva roxburghii</i>	Karipala	கற்பாலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Maupungan, Soapukai	மாண்புங்கள் சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அஸ்கா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தான் கோட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாண்டி
56	<i>Terminalia arjuna</i>	Ven marudhu	வெண் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன் வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsuratrifoliata</i>	valsura	வால்குரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்புளி

Appendix-II
Display Board
(Size 6' x5' with Blue Background and White Letters)

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
	சுரங்கப்பாதையின் ஆழம் தளமட்டத்திலிருந்து.....மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
நடப்பட்டு பராமரிக்கப்படவேண்டிய மரங்கள் எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அபரத்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாரும் பாதுகாப்பு நடவடிக்கைகளை என்னிப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு ககாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்திறைகள் பாதிக்கப்படக் கூடாது.	
நீர்திறைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.	
சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.	
சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.	
(முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறுப்பாளரை அணுகவும்.	


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