

State Expert Appraisal Committee (SEAC)

Minutes of 432nd meeting of the State Expert Appraisal Committee (SEAC) held on 20.12.2023 (Wednesday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saldapet, Chennai 600 015 for consideration of Building & Construction projects, Metallurgical Industries, Thermal Power Plant, Mining projects and Synthetic Organic Chemicals projects.

Opening Remarks of the Chairman

The Chairman stated that the proposals included in today's agenda are those cases that are pending for more than a year for want of replies to the ADS raised by the Committee. It was, therefore, decided to give an opportunity to the PPs to either submit their replies or state the reasons for the delay.

Confirmation of Earlier Minutes

The minutes of the 431st SEAC meeting held on 15.12.2023 were circulated to the Members in advance and as there are no remarks, the Committee decided to confirm the minute.

Agenda No: 432 - 01

(File No: 2451/2018)

Proposed construction of 1024 Nos. of dwelling unit at S.F.No.340/2B 1B, Gudapakkam Village, Poonmallee Taluk, Tiruvallur District Tamil Nadu by M/s. Tamil Nadu Urban Habitat Development Board (formerly known as M/s Tamil Nadu Slum Clearance Board) - For Environmental Clearance.

(SIA/TN/NCP/28271/2017, dated: 17.07.2018)

The proposal was placed in 257th SEAC Meeting held on 25.3.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has applied seeking Environmental Clearance for the proposed construction of 1024 Nos. of dwelling unit at S.F.No. 340/2B 1B, Gudapakkam Village, Poonmallee Taluk, Tiruvallur District, Tamil Nadu


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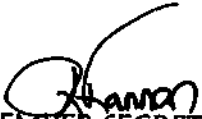

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2. The project/activity is covered under Category "B2" of item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. As per G.O (Ms) No. 103 Housing & Urban development Dept Dt. 1.09.2021 the name of the proponent changed from M/s Tamil Nadu Slum Clearance Board to M/s. Tamil Nadu Urban Habitat Development Board
4. The proposal consists 32 Blocks- G+ 3 Floors each – Total tenements – 1024 with plot area – 33820 Sq.m and built up area – 37754.88 Sq.m.
5. Earlier, the ToR has been granted by MoEF&CC vide Lr No. F.No. 23-16/2017-1A-III Dt. 10.4.2018 violation category.

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

1. The environmental clearance is sought for "1024 slum tenements, under Jawaharlal Nehru National Urban Renewal Mission at S. No. 340/ 2B,1B Gudapakkam village, Poonamalle taluk, Thiruvallur district, Tamil Nadu" by Tamil Nadu Urban Habitat Development Board.
2. M/s. ABC Techno Labs India Private Limited is the EIA Consultant for the project.
3. Total plot area of the project is 33,820 sq.m and built-up area is 37,754.88 sq. m respectively.
4. Maximum number of floors will be 4 Nos. and maximum height of the building will be 15 m.
5. Total Saleable DU's (dwelling units) is 1024 units.
6. Salient features of the project as submitted by the project proponent:

Project Summary			
Sl. No.	Description	Total Quantity	Unit
General			
1	Plot Area	33,820	SQMT
2	Proposed Built Up Area	37,754.88	SQMT


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Project Summary			
Sl. No.	Description	Total Quantity	Unit
3	Total no of Saleable DU's/Villas	1024	No.
4	Max Height - (Height of tallest block)	15	M
5	No of Building Blocks (Residential + Community facilities)	32 – Residential 4 – Community facilities	No.
6	Max No of Floors	G+3	No.
7	Expected Population	5,968	No.
8	Total Cost of Project	81.44	Cr.
9	Project Activity	Tamil Nadu Urban Habitat Development Board (TNUHDB) has Construction 1024 slum tenements, under Jawaharlal Nehru National Urban Renewal Mission at S. No. 340/ 2B,1B Gudapakkam village, Poonamalle taluk, Thiruvallur district, Tamil Nadu. The total built up of area and plot area of the proposed project is 37,754.88 Sq.m and 33,820 Sq.m respectively.	
Areas			
1	Permissible Ground Coverage Area (70%)	23,674	SQMT
2	Proposed Ground Coverage Area (48.18%)	16,282.42	SQMT
3	Permissible FSI Area (2.0)	67,640	SQMT
4	Proposed FSI Area (1.12)	37,754.88	SQMT
5	Other Non FSI Areas - including basement area etc.	-	SQMT
6	Proposed Total Built Up Area	37,754.88	SQMT


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Project Summary			
Sl. No.	Description	Total Quantity	Unit
Water			
1	Total Water Requirement	704	KLD
2	Fresh water requirement	704	KLD
3	Treated Water Requirement	22	KLD
4	Wastewater Generation	655	KLD
5	Proposed Capacity of STP	750	KLD
6	Treated Water Available for Reuse	622	KLD
7	Treated Water Recycled	22	KLD
8	Treated water to be discharged into Gudapakkam lake	600	KLD
Rainwater Harvesting			
1	Rainwater Harvesting - Recharge Pits	256	No.
2	Rainwater Harvesting Sump Capacity	-	M ³
Parking			
1	Total Parking Required as / Building Bye Laws	377	ECS
2	Proposed Total Parking	377	ECS
3	Parking in Basements	-	ECS
Green Area			
1	Proposed Green Area (Minimum 15.0% of plot area)	5,073	SQMT
2	Total plot area	33,820	sq.m
3	Existing trees on plot	150	
4	Number of trees to be planted	273	
5	Number of trees to be transplanted/cut	-	


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Project Summary			
Sl. No.	Description	Total Quantity	Unit
Solid Waste Management			
1	Total Solid Waste Generation	2,809.8	KG/DAY
2	Organic waste	1,637.76	KG/DAY
3	Mode of Treatment & Disposal	Disposed through Gudapakkam Panchayat	
4	Quantity of Sludge Generated from STP	80.20	KG/DAY
5	Quantity of E-Waste Generation & Disposal	-	
6	Quantity of Hazardous waste Generation & Disposal	-	
Power / Green Power			
1	Total Power Requirement	TANGEDCO tuned to 1200	kVA
2	Solar Panels -- Roof Coverage	-	%
3	Hot Water Requirement	307200	Lit
	Of which met by Solar Panels	307200	Lit
4	DG set backup	62.50 kVA	KVA
5	No of DG Sets	1	No.

Population Details				
S. No	Description	DU's	POP/DU	Total Population
1	Residential	1,024	5	5,120
2	Total Saleable DU's	1,024	5	5,120
3	Total	1,024	5	5,120
4	Non Residential	-	-	300


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Population Details				
S. No	Description	DU's	POP/DU	Total Population
5	Club house (Employees etc.)	-	-	-
6	Club	-	-	-
7	Commercial	-	-	8
8	Facility Management Staff	-	-	28
9	Total			
10	Visitors			512
11	Residential		86%	
12	Club/ Community Hall			
13	Commercial		5.4%	
14	Total Visitors		8.6%	504
15	Total Population			5,968

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to make site inspection by the sub-committee to be constituted by the SEAC to assess the present status of the proposed project and environmental settings.

The Sub-Committee of SEAC visited the project site on 11.05.2022 to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 292nd Meeting of SEAC held on 07.07.2022 and the observations of the Sub-committee are as follows,

Observations and Recommendations made by the Sub-Committee:

1. All 32 blocks have been constructed with 1024 residential tenements and it is fully occupied & operational.
2. A part of the tenements was handed over to people on August, 2016.
3. The current water usage of the project is 400 KLD which is being supplied through Gudapakkam Panchayat.
4. The present waste water generated is around 350 KLD which is being treated


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through 2 Nos. of Sewage Treatment Plant (STP) of capacity 375 KLD each, in which one 375 KLD is standby and the STP Sludge is being used as manure.

5. From the total treated water of 315 KLD, 22 KLD is being used inside the scheme for watering the Greenbelt. The excess treated water is discharged into open land which ultimately connects to Gudapakkam lake. TNUHDB committed that the treated water will be tested periodically before let into the lake.
6. The total power requirement of 1200 KVA is sourced through Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) by operational substation within the scheme.
7. Backup D.G. set of 62.5 KVA is available as standby for STP.
8. The Municipal Solid Waste generated within the scheme is being collected on daily basis and disposed through Gudapakkam Panchayat.
9. A total of 150 trees are already present within the scheme and TNUHDB committed that additional saplings of 273 saplings will be planted within a month in consultation with District Collector.
10. A total of 256 Rainwater Harvesting Pits are constructed in the project site to collect & harvest the roof top rain water which discharges into percolation pits of depth 1.5m and width of 1m which is filled with rounded pebble of 50 to 75 mm.
11. Storm water drains is found all around the project boundary and in-between each block which ultimately connects to Gudapakkam lake.
12. In as much as all the tenements are occupied by the deserving people and other amenities are maintained well it is recommended to issue Environmental Clearance for the project.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the PP.

- (i) The EIA co-ordinator approved by NABET shall present The Ecological Damage, Remediation Plan and Natural & Community Resource Augmentation Plan and Environmental Compensation for violation.


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- (ii) The PP shall furnish credible action taken by the State Government against the project proponent for the violation of the provision of Section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006.
- (iii) The PP shall furnish CER details.
- (iv) The PP shall furnish the details of disposal of treated sewage.

Subsequently, this proposal was placed 537th authority meeting held on 29.07.2022. The Authority noted that this proposal was placed for appraisal in this 292nd meeting of SEAC held on 07.07.2022 and the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 07.07.2022.

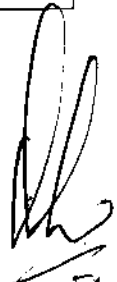
Again, the proposal was placed 432nd meeting held on 20.12.2023. During the SEAC meeting the PP and EIA coordinator furnished the following.

❖ Standard method followed by SEAC for Estimation of Damage.

Level of damages	Ecological remediation cost (%of project cost)	Natural resource augmentation cost (%of project cost)	Community resource augmentation cost (% of project cost)	CER (%of project cost)	Total (% of Project cost)
Low level Ecological damage	0.25	0.10	0.15	0.25	0.75
Medium level Ecological damage	0.35	0.15	0.25	0.5	1.25
High level Ecological damage	0.50	0.20	0.30	1.00	2.00


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- ❖ SEAC method of estimation of Ecological Remediation Cost, Natural Resource Augmentation Cost, & Community Resource Augmentation Cost for High level damage as follows

Level of Damage	Ecological Remediation Cost (% of project cost)	Natural Resource Augmentation Cost (% of project cost)	Community Resource Augmentation Cost (% of project cost)
High Level	0.50	0.20	0.30
Cost of Damage as per project cost	35,72,000	14,28,800	21,43,200

- ❖ As per the Report of the CPCB In-house Committee on Methodology for Assessing Environmental Compensation and Action Plan to Utilize the Fund, Chapter-1 regarding Environmental compensation to be levied on Industrial units.

The Environmental Compensation shall be based on the following formula:

$$EC = PI \times N \times R \times S \times LF$$

Where,

EC is Environmental Compensation in ₹

PI = Pollution Index of industrial sector is 60

N = Number of days of violation took place is 3506 days (Violation Start Date – 15.05.2014) & End Date – 20.12.2023)

R = A factor in Rupees (₹) for EC is taken as 250

S = Factor for scale of operation is 0.75 for Small Industry Categorization

LF = Location factor is 1.00

$$EC = 60 \times 3506 \times 250 \times 0.75 \times 1.00 = \text{Rs. } 3,94,42,500/-$$

The Committee decided to adopt estimation as per the CPCB Methodology for at Rs. 3,94,42,500/-. PP has also accepted the estimation and has submitted an action plan for implementing the remediation plan that is given below.


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S.No.	Activity	Proposed Area	Amount (in lakhs)
1	Damage Assessment, Remediation Plan & Cost Estimate	Activity	Budgetary Estimate (Rs)
		➤ Tree plantations	5 Lakhs
		➤ Improvement of existing ICDS	5 Lakhs
		➤ Weathering course (DPC) & Pressed Tiles replacement in the roof of existing 32 blocks	110 Lakhs
		➤ Improving of Wastewater treatment & its disposal facilities	10 Lakhs
		➤ Exterior colour washing of existing blocks	60 Lakhs
		➤ Improving the power supply within scheme	7.21 Lakhs
		Total ecological damage remediation cost	Rs. 197.21 Lakhs
2	<u>Natural Resource</u> Improvement of nearby water body	Gudapakkam lake, Meyyur lake	Rs. 78,88,500

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3	<p><u>Community Resource</u></p> <p>Improvement of infrastructure in nearby schools & skill development in the schools.</p>	<p>➤ Gudappakkam Government School, Gudappakkam</p> <p>➤ Tailoring, organic farming & soft skill training</p>	Rs. 1,18,32,750
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In view of the above, the SEAC decided to recommend the proposal to SEIAA for grant of EC under violation category and subject to the standard conditions as per the Annexure II of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, "The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited.
 - a) The amount prescribed for Ecological remediation (Rs. 1,97,21,250), natural resource augmentation (Rs. 78,88,500) & community resource augmentation (Rs. 1,18,32,750), totaling Rs. 3,94,42,500/- shall be remitted in the form of bank guarantee to Tamil Nadu Pollution Control board, before obtaining Environmental Clearance and submit the acknowledgement of the same to SEIAA-TN. The funds should be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
 - b) The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource


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augmentation within a period of one year from the date of issue of EC, if not the bank guarantee will be forfeited to TNPCB without further notice.

- c) The amount specified as CER (Rs. 23 Lakhs) shall be spent for the benefits of the beneficiary before issue of EC for the activities suggested by the SEAC during the appraisal. A copy of receipt from the beneficiary shall be submitted before issue of EC.
 - d) The SEIAA shall initiate the credible action under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per MOEF&CC Notifications Dt: 14.03.2017 & 08.03.2018.
- 2) Adequate number of trees shall be planted as green belt as committed before obtaining CTO from TNPCB.
 - 3) The proponent shall install the DG sets with Stack of adequate height as per CPCB norms.
 - 4) The proponent shall efficiently and continuously operate and maintain the STP provided along with acoustic enclosure to meet out treated sewage discharge standard prescribed by the CPCB.
 - 5) The proponent shall dispose the MSW generated to the local body as per Solid Waste Management Rules, 2016 as amended.

Agenda No: 432 - 02

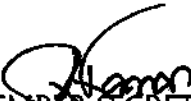
(File No.6641/2020)

Proposed Construction of Residential Complex consisting of 204 residential flats at S.Nos. 54/1(P), 2(P) & 3(P) and 55/2(P), 3(P) & 7(P) and T.S.No. 10, Block No.16 of 4th Avenue, Indira Nagar, Thiruvanmiyur Village, Mylapore – Triplicane Taluk, Chennai District, Tamil Nadu by M/s. Tamil Nadu Housing Board - For Environmental Clearance under violation category. (SIA/TN/MIN/133891/2019 dated: 28.12.2019)

The proposal was placed for appraisal in the 432nd Meeting of SEAC held on 20.12.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, **M/s. Tamil Nadu Housing Board** has applied for


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Environmental Clearance under violation category for the Proposed Construction of Residential Complex consisting of 204 residential flats at S.Nos. 54/1(P), 2(P) & 3(P) and 55/2(P), 3(P) & 7(P) and T.S.No. 10, Block No.16 of 4th Avenue, Indira Nagar, Thiruvanmiyur Village, Mylapore – Triplicane Taluk, Chennai 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. **ToR under violation category** was issued to the project proponent vide Lr.No.SEIAA-TN/F.No.6641/SEAC/Violation/ToR-638/2019 dated. 29.08.2019.
4. Earlier, the proposal was placed in the 152nd & 218th SEAC meeting held on 23.05.2020 & 09.07.2021 respectively and was deferred for reasons stated in the minutes.
5. No reply was received from the proponent till date for the details requested in the 152nd & 218th SEAC meeting.
6. In order to take action on long pending files, the proposal was again placed in this 432nd SEAC meeting.

During the meeting, the proponent was absent and hence the SEAC decided to defer the proposal.

Agenda No: 432 -03

File No. 6705/2019

Proposed to expand its existing manufacturing unit of M/s. Cheenu Amma Alloy (P) Ltd MS Billets/Ingots (1800 TPM to 6600 TPM) and planned to produce Steel Rolled Products (6300 TPM) at S.F.Nos. 367/1, Appanaickenpatti Village, Sulur Taluk, Coimbatore District, Tamil Nadu – For Terms of Reference. (SIA/TN/IND/30694/2019, dated: 11.01.2019)

Earlier the proposal was placed in the 126th SEAC Meeting held on 26.02.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The existing unit is located at S.F No. 367/1, Appanaickenpatti Village, Sulur Taluk, Coimbatore District, Tamil Nadu State.


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2. M/s. Cheenu Amma Aalloy (P) Ltd proposes to expand its existing manufacturing unit with MS Billets/Ingots (1800 TPM to 6600 TPM) and planned to produce Steel Rolled Products (6300 TPM). The plant is based on induction furnace melting followed by continuous casting of billets & production of Billets and steel rolling mill. The project proponent submitted an application in the prescribed format along with Form-1 and other reports to the SEIAA online on 11.01.2019 vide Online Application No. SIA/TN/IND/30694/2019 and hardcopies vide F. No. 6705/2019 on 18.01.2019.
3. The existing project does not require environmental clearance as the production capacity is less than the threshold limit prescribed in EIA Notification 2006. The unit has accorded Consent to Operate from TNPCB vide Order No. 20543 & 16576 dated 27.01.2006 and the same has been renewed recently vide Order No. 1808114085950 & 1808214085950 dated 05.07.2018 which is valid up to 31.03.2019.
4. The additional land area acquired for the proposed expansion project is 0.84 ha along with existing land having area of 2.37ha and the entire area is under dry agricultural land. No forestland is involved. The entire land has been already leased for the project. Out of the total area of 3.21 ha of land about 1.068ha (33.26%) will be used for green belt development.
5. No national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. are reported to be located in the core and buffer zone of 10 km radius around the project site.
6. Total project cost for the expansion project is about Rs. 4.0 Crores. Proposed employment generation from proposed expansion project will be 33 direct employments along with existing employees of 92 Nos.
7. The targeted production capacity of the steel billet / ingot is 6600 TPM & steel rods is 6300 TPM. The proposed capacity for different products for the expansion project as below:

Products	Existing (TPM)	Proposed (TPM)	After Expansion (TPM)
MS Billets/ Ingots	1800	4800	6600

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Rolled Products	--	6300	6300
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Name of Unit	Existing	After Expansion
Induction Furnace	2 x 5 Tons	2 x 10 Tons
Continuous Casting Machine	2 Strand 3 x 6 m radius	2 Strand 3 x 6 m radius
Rolling Mill	--	300 TPD

8. The electricity load of 9.95MW which will be procured from TANGEDCO and has 1 No 125 KVA DG set installed & proposed to install 1 No of 250 KVADG Set.
9. Raw materials required for the project are MS Scrap, Sponge Iron, Ferro Manganese, Ferro Silicon, Aluminium and Ramming Mass. The scrap requirement would be fulfilled by indigenous sources as well as imported. Fuel consumption will be mainly for DG Sets.
10. Water Consumption for the proposed expansion project will be 12 KLD which will be sourced from TWAD Board and wastewater generation will be 5.8 KLD. Domestic wastewater of 4.8 KLD will be disposed in the septic tank with dispersion trench and industrial wastewater of 1 KLD generated will be treated in Solar Evaporation Pan.
11. The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.

The SEAC noted the following:

1. The Proponent of M/s. Cheenu Amma Alloy (P) Ltd has applied for Terms of Reference to SEIAA on 11.01.2019 for proposed to expand its existing manufacturing unit for manufacturing of MS Billets/Ingots (1800 TPM to 6600 TPM) and planned to produce Steel Rolled Products (6300 TPM) at S.Nos. 367/1 Appanaickenpatti Village, Suler Taluk, Coimbatore District, Tamilnadu.
2. The project/activity is covered under Category "B1" of Item 3 (a) Metallurgical Industries projects" of the Schedule to the EIA Notification, 2006.


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Now the proposal was placed in 432nd Meeting of SEAC held on 20.12.2022. The EIA Coordinator informed that they are awaiting instructions from the PP and requested that the proposal may be deferred. SEAC, therefore, decided to defer the proposal.

Agenda no. 432-04

(File/No. 7113/2019)

Proposed construction of Residential Group Development at Survey Numbers: 67/4B, 67/5, of Koppur Village, Thiruvallur Taluk, Thiruvallur District, Tamilnadu by M/s Urban Tree Infrastructures Private Limited – For Environment Clearance.

(SIA/TN/MIS/114465/2019 Dt: 14.08.2019)

The proposal was placed in the 137th SEAC Meeting held on 18.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 13°05'48.07"N Latitude, 79°59'15.33"E Longitude.
2. The total land area of the project is 9300 Sq.m with total build up area 22,461.78 Sq.m
3. The project consists of multi-storied building group development residential building consisting of Ground floor + 5 floors totally 330 DU.
4. 193 numbers of car parking and 332 numbers of two-wheeler parking to be provided and area allotted for parking is 3727.677 Sq.m
5. The green belt area proposed for the project is 1395 sq.m (15% of total land area).
6. The daily fresh water requirement is 149 KLD to be sourced from Thirunindravur TP.
7. Grey water - Wastewater from kitchen, bathing and household appliances like washing machines will be collected separately. 134 kLD of grey water will be let into the grey water treatment system (150 kLD). After grey water treatment, 127 KLD of treated water will be generated, out of which 76 kld will be used for flushing and 5 KLD will be used for gardening.
8. 76 kld of black water generated will be treated in STP of 100 kld capacity, 72 kld of treated wastewater will be generated & used for avenue plantation.


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9. Total waste estimated to be generated is 1013 Kg/day in which 608 Kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC-300) within the project site mixed with 15 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 405 Kg/day is Non-Biodegradable waste will be sold to recyclers.
10. The rainwater harvesting pit has 40 nos of 0.9 m dia and 1.8 m depth & the rainwater collection sump of capacity 100 cu.m to be provided.
11. The proponent is proposed to install D.G set of 1 Nos of 150 KVA to carter the essential load requirement during power failure with a stack height of 21 m.

The SEAC noted the following:

1. The Proponent, M/s Urban Tree Infrastructures Private Limited has applied for Environmental Clearance to SEIAA-TN dated 12.06.2019 for the Proposed construction of Residential Group Development at Survey Numbers: 67/4B, 67/5, of Koppur Village, Thiruvallur Taluk, Thiruvallur District, Tamilnadu.
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.

Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:

1. A detailed storm water plan to drained out the water from site after conservation shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development environment.
2. The proponent was directed to plan, design and execute the project by considering the project site does not suffer due to floods. The proponent was directed to furnish the steps to be taken to ensure that the site will not be flooded in future, along with the flood management (evacuation) plan.
3. The proposal shall furnish the details of design of STP and Grey water treatment system after revising the water balance.


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4. The green belt width should be 3m all along the boundaries of the project site with green belt area of 15% of the total land area. The layout plan 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.
5. Necessary permission shall be obtained from competent authority for the utilization of the treated sewage for avenue plantation.
6. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and shall be furnished.
7. The proponent shall submit the Gross Fixed value include the land value and construction cost as per the PWD guideline value.
8. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018 after revising the Gross Fixed value include the land value and construction cost as per the PWD guideline value.

Again, the proposal was placed 432nd meeting held on 20.12.2023. During presentation the Project proponent and EIA coordinator informed that this project has been dropped and requested for the withdrawal. In view of the above, SEAC decided to accept the PP request for withdraw of online proposal no.SIA/TN/MIS/114465/2019 Dt: 14.08.2019. SEAC, therefore, decided to recommend to SEIAA to close and record the file on receipt of online request from the PP/EIA coordinator.

Agenda No: 432 - 05.

(File No: 9080/2022)

Proposed Expansion of Educational Institution Buildings
 S.F. No. 232/3, 232/4A, 232/8A, 232/8B, 232/8C, 239/4, 239/6P, 239/6Q, 239/6R, 239/6S, 239/6T, 239/8A, 239/8B, 239/8C, 239/8D, 239/8E, 241/2, 241/3A, 241/3B, 242/1A, 242/1B, 242/2A, 242/2B, 242/2C, 242/2D, 242/3C, 242/4B, 242/5C, 242/5E, 242/5F, 242/6A, 243/3, 243/4, 243/5, 243/6A, 243/6B, 252/5A, 252/5B, 252/5C, 252/5D, 256, 257/1A, 257/1B, 257/1C, 257/1D, 257/1E, 237/7, 237/8, 242/5D, 242/5G, 233, 234/5, 237/1B, 237/2C, 237/3, 237/9B of Irungalur Village,


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S.F. No. 308/14, 310/10B, 310/10C, 310/11, 310/12A, 310/12C310/15, 310/2, 310/3B, 310/4, 310/7A, 310/7B, 310/8A2A, 310/8A2B, 313/10B, 313/6F, 313/9C, 310/17, 310/18B, 310/12B, 310/18A, 310/18C, 311/1, 313/1A, 313/1B, 313/2A, 313/3A, 313/3B, 313/4A, 313/4B, 313/4C, 313/6C, 313/6D, 313/6E, 313/6G, 313/7B, 313/830 8/10, 308/12, 307/2B, 307/4, 307/6, 307/11, 307/12A, 307/18, 307/9, 307/21, 307/8, 307/12B, 307/3A, 307/3B, 307/7A, 307/7B, 307/10A, 307/10B, 307/10C, 307/10D, 307/20A, 313/9B, 307/20B, 307/16, 310/1, 313/9D, 315/1, 313/9E, 313/7A, 313/10A, 313/9A, 314/1B, 315/5B2, 315/5A Ayakudi Village and S.F. No. 39/3, 39/4, 39/5, 39/6, 39/7 of Samaya Puram Village, Manachanallur Taluk, Tiruchirapalli District by M/s. SRM Institute of Science & Technology – For Terms of Reference.

(SIA/TN/MIS/72970/2022, 09.03.2022)

Earlier, the proposal was placed in 293rd SEAC meeting held on 8.7.2022. 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.SRM Institute of Science & Technology has applied for Terms of Reference for the Proposed Expansion of Educational Institution Buildings S.F. No. 232/3, 232/4A, 232/8A, 232/8B, 232/8C, 239/4, 239/6P, 239/6Q, 239/6R, 239/6S, 239/6T, 239/8A, 239/8B, 239/8C, 239/8D, 239/8E, 241/2, 241/3A, 241/3B, 242/1A, 242/1B, 242/2A, 242/2B, 242/2C, 242/2D, 242/3C, 242/4B, 242/5C, 242/5E, 242/5F, 242/6A, 243/3, 243/4, 243/5, 243/6A, 243/6B, 252/5A, 252/5B, 252/5C, 252/5D, 256, 257/1A, 257/1B, 257/1C, 257/1D, 257/1E, 237/7, 237/8, 242/5D, 242/5G, 233, 234/5, 237/1B, 237/2C, 237/3, 237/9B Irungalur Village, S.F. No. 308/14, 310/10B, 310/10C, 310/11, 310/12A, 310/12C310/15, 310/2, 310/3B, 310/4, 310/7A, 310/7B, 310/8A2A, 310/8A2B, 313/10B, 313/6F, 313/9C, 310/17, 310/18B, 310/12B, 310/18A, 310/18C, 311/1, 313/1A, 313/1B, 313/2A, 313/3A, 313/3B, 313/4A, 313/4B, 313/4C, 313/6C, 313/6D, 313/6E, 313/6G, 313/7B, 313/8308/10, 308/12, 307/2B, 307/4, 307/6, 307/11, 307/12A, 307/18, 307/9, 307/21, 307/8, 307/12B, 307/3A, 307/3B, 307/7A, 307/7B, 307/10A,


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307/10B, 307/10C, 307/10D, 307/20A, 313/9B, 307/20B, 307/16, 310/1, 313/9D, 315/1, 313/9E, 313/7A, 313/10A, 313/9A, 314/1B, 315/5B2, 315/5A Ayakudi Village and S.F. No. 39/3, 39/4, 39/5, 39/6, 39/7 of Samayapuram Village, Manachanallur Taluk, Tiruchirapalli District.

2. The project/activity is covered under Category "B" of item 8(b) "Building and Construction Projects" of the Schedule to the EIA Notification' 2006.
3. The Project consists Existing Built area of 87,236.79 Sq. m & 1,23,161.93 Sq. m. proposed. Total Built up area after expansion $87,236.79 + 1,23,161.93 = 2,10,398.72$ Sq.m. The total land area 2,52,040 Sq.m.
4. Earlier, the PP has obtained EC vide Lr No. SEIAA /TN /F.No. 484/2012 /6360 /2017/EC/8(a)/558/2018 Dt. 22.1.2018.

This proposal has placed in 293rd SEAC meeting held on 8.7.2022. During the meeting the PP/EIA consultant has referred the O.M No. F. No.19-131/2019-IA-III [128798] Dt. 19.5.2022 is as follows

Ministry of Environment, Forest and Climate Change vide Notification No. 5.0. 3252 (E) dated 22.12.2014, amended the schedule 8 of EIA Notification 2006 to state that Industrial shed, school, college, hostel for educational institution shall be exempted from requirement of Environmental Clearance (EC) but shall ensure sustainable environmental management etc.

Further, Ministry has issued an OM dated 9th June 2015 clarifying that Notification dated 22.12.2014 provides exemption to buildings of educational institutions including universities from obtaining prior EC under the provisions of EIA Notification 2006 subject to sustainable environmental management and provided a set of guidelines to be followed for building projects to ensure sustainable environment management.

In this regard, the Ministry is in receipt of request for clarification on the definition of 'educational institution' for which the above mentioned exemption is applicable. The matter was referred to the sectoral Expert Appraisal Committee (EAC) of the Ministry and based on their recommendation the matter was further referred to


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the Ministry of Education for seeking clarification regarding the definition of Educational Institution.

In this regard, Department of Higher Education, Ministry of Education has informed that different types of education institutions in terms of school, college, university, technical institutions, etc., have been defined in various statutes for the purpose of recognition, affiliation, accreditation etc. However, there is no specific definition of the term 'educational institutions'. Further, Department of Higher Education informed that as per Noise Pollution (Regulation and Control) Rules, 2000 under the Environment Protection Act, 1986, the term 'educational institutions' has been defined, as:

"educational institution" means a school, seminary, college, university, professional academies, training institutes or other educational establishment, not necessarily a chartered institution and includes not only buildings, but also all grounds necessary for the accomplishment of the full scope of educational instruction, including those things essential to mental, moral and physical development."

The matter has been examined in the Ministry and it has been decided that the exemption provided for educational institutions vide Ministry's Notification No. S.O. 3252 (E) dated 22.12.2014 shall be applicable to all educational institutions covered under the definition of educational institution as mentioned in Noise Pollution (Regulation and Control) Rules, 2000. However, these educational institutions shall strictly implement the guidelines issued vide OM dated 9th June 2015 to ensure sustainable environment management.

Based on the above OM, the PP has claimed that the proposal involving expansion of Existing Educational Buildings falls under the purview of the said OM. Hence the PP informed the Committee that he proposes to withdraw the proposal as it's exempted from Environmental Clearance (EC) based on the said OM, irrespective of the total built-up area. The SEAC, therefore, decided to defer the proposal.

Subsequently, the proposal was placed 538th authority meeting held on 02.08.2022. The Authority noted that this proposal was placed for appraisal in this 293rd meeting


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of SEAC held on 08.07.2022 and the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 08.07.2022.

Again, the proposal was placed 432nd meeting held on 20.12.2023. During presentation the Project proponent and EIA coordinator has requested additional time to submit the additional details called for and SEAC, therefore, decided to defer the proposal.

Agenda No: 432-06

(File No: 510/2020)

Environmental Clearance issued to M/s. ADD Albatross Properties Pvt Ltd., for the Construction of Residential Building at Survey Numbers: 12/2A, 3A & 7/3 of Egattur Village, Chengalpet Taluk, Kancheepuram District, Tamil Nadu- Applied for Amendment (SIA/TN/MIS/150464/2020 dated 12.05.2020).

The proposal was earlier placed in the 318th SEAC Meeting held on 07.10.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The project proponent, M/s. ADD Albatross Properties Pvt. Limited has applied for Amendment in Environment Clearance for the Proposed Construction of Residential Complex project at S.F.Nos. 12/2A, 3A & 7/3 in Egattur Village, Chengalpet Taluk, Kanchipuram 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 Project Proponent has obtained Environmental Clearance from State Level Environment Impact Assessment Authority, Tamil Nadu vide SEIAA/TN/F.510/EC/8(a)/180/2011 dt: 27.06.2013.

During the presentation, the PP did not mention anything on the previous history of the proposal and the fact that the proposal was examined by the 185th Meeting of SEAC held on 07.11.2020. In this meeting SEAC had resolved as under.


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"From the compliance report, it is clearly indicated that the proponent has constructed the EWS tower with G+11 floors against the EC issued G+9 floors and applied for the amendment in the Environmental clearance after construction completed.

Hence, the SEAC has decided to inform the followings to SEIAA-TN;

- 1. The proponent has constructed the EWS tower with G+11 floors against the EC issued G+9 floors and the same was declared by the project proponent in the introduction part (Section 1.1 of the EIA/EMP Report in the online application) of this application as follows*

"We have constructed 2 upper floors in the EWS Block without obtaining prior environmental clearance, the project falls under the violation of EIA Notification, 2006."

Hence the proposal comes under the violation category.

- 2. The concerned Engineer who scrutinized this application has knowingly forwarded this improper application to SEAC for appraisal. The necessary instruction may be given by SEIAA to the concerned engineer to verify the applications properly.*
- 3. It is understood that the NABET consultant who involved in preparing and submitting the application for this amendment, even the consultant already knows that this proposal falls under violation case. Hence the SEAC decided to direct the NABET consultant to furnish the reason for the same to SEIAA-TN since the project is comes under violation and same was informed by the project proponent as said above in the point number 1. The necessary instruction may be given by SEIAA to the concerned NABET consultant after receiving his reply.*
- 4. The date of application by Project Proponent by online is on 12.05.2020 and hence it does not fall within the window period as per the MOEF&CC Notifications dated 14.03.2017, 08.03.2018 and*


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office Memorandum vide F. No. 22-10/2019-1A.111 dated 09.09.2019. Hence there is no provision for processing this application even under violation case.

5. Further the SEAC has decided to refer the proposal for the SEIAA-TN to address the state Government to initiate the legal action against the proponent under the provision of the section 19 of the Environment (Protection) Act, 1986 for the violations since the proponent has constructed the building against Environmental Clearance issued.
6. The SEAC unanimously decided to request the SEIAA office to take necessary steps to strengthen the process of accepting the application after checking of completeness of the application in the SEIAA-office as per MoEF&CC guidelines so as to avoid to forwarding these types of applications for the appraisal of SEAC."

Based on the documents available, SEAC decided the following.

1. In spite of the above, again the very same proposal has been sent to SEAC without proper scrutiny by SEIAA. SEIAA should ensure proper prior scrutiny of proposals before sending them to SEAC.
2. Based on the above decision of SEAC and based on the letter written by MS-SEIAA, the Environment, Climate Change & Forest (EC.3) Department, Government of Tamilnadu in its Letter No. 13923/EC.3?2021-1, dated 07.09.2021 has directed TNPCB to take immediate action against the PP under Sec.19 of the Environment (Protection) Act, 1986. The present status of this action may be ascertained by SEIAA and informed to SEAC.
3. SEAC may call for the explanation of the EIA coordinator and PP for not disclosing the past history of the proposal in their presentation made before SEAC.

The proposal was now placed in the 432nd SEAC Meeting held on 20.12.2023. During the meeting the EIA Coordinator has requested for additional time and SEAC, therefore, decided to defer the project


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Agenda No: 432-07

(File No: 8675/2023)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 165/5(Part), Uttathur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by Tvl. C S Mines - For Environmental Clearance (SIA/TN/MIN/220891/2021 dated: 26.07.2021).

The proposal was earlier placed in the 355th meeting of SEAC held on 15.02.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). **The SEAC noted the following:**

1. The Project Proponent, Tvl. C S Mines has applied for Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 165/5(Part), Uttathur Village, Lalgudi Taluk, Tiruchirappalli District Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

During the meeting, the Committee noted that the project proponent is absent during the meeting. Again, this proposal was placed in the 383rd SEAC meeting held on 15.06.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Now, the proposal was placed in the 432nd meeting of SEAC held on 20.12.2023. During the meeting, the EIA Coordinator and Project Proponent has requested for withdrawal of the application as the mine lease has been cancelled by the AD (G&M), Trichy. The Committee decided to accept the withdrawal request of the Project Proponent and communicate the same to SEIAA.

Agenda No: 432-08

(File No: 9053/2022)

Proposed Rough Stone Quarry over an area of 1.00.0 Ha at Survey Nos. 249/1 of Veppilai Village, Kadaiyampatti Taluk, Salem District, Tamil Nadu by


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Thiru.R.Munirathinam for Environmental Clearance. (SIA/TN/MIN/258888/2022 dt.02.03.2022).

The proposal was earlier placed in the 334th Meeting of SEAC held on 02.12.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). **The SEAC noted the following:**

1. The Project Proponent, Thiru.R.Munirathinam has applied for Environmental Clearance for the Rough Stone Quarry over an area of 1.00.0 Ha at Survey Nos. 249/1 in Veppilai Village, Kadaiyampatti Taluk, Salem District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. During the meeting the Committee noted that the project proponent is absent. Again, this proposal was placed in the 383rd SEAC meeting held on 15.06.2023.

The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion.

Now, this proposal was placed in the 432nd meeting of SEAC held on 20.12.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was deferred.

Agenda No: 432-09

File No: 6491/2018

Expansion of IT Park by M/s. ETA Technopark Limited at S. Nos. 95/1, 95/2, 95/3, 95/4, 95/5, 96/1, 96/2A, 96/2B, 97/1A1, 97/1A2, 97/1A3 97/1B, 98, 99/3A, 99/3B, 99/3C, 99/4A, 99/4B1, 99/4B2, 99/4C, 86/2A1, 86/2A2, 86/2A3, 86/2A4, 86/2A5A, 86/2A6A, 103/1A2, 103/1A3, 103/1B2C, 103/3, 103/1B4, 103/1A1A, 103/1B1B, 103/1A1B, 103/1B1C, 106, 107/1A, 107/1B, 107/2, 108, 109/1A, 109/1B, 109/2A,109/2B, 109/3,110, 111/1A1, 111/1A2, 111/1B, 111/2, 111/3, 112/1, 112/2A, 112/2B, 112/3, 113/1, 113/2A, 113/2B, 118/1B,119, 120/1, 120/2, 121/1A, 121/1B, 121/2, 143/1, 144 & 145 of Navalur Village, Thiruporur Taluk, Kancheepuram District in the state of Tamil Nadu - For Environmental Clearance. (SIA/TN/MIS/35497/2017), dated: 30.04.2019.

As per the order Lr.No.SEAC-TN/F No. 6491/2018 dated: 02.07.2019 of the Chairman, SEAC, a subcommittee was constituted to inspect and study the field


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conditions for the Proposal Seeking Environmental Clearance for the proposed Expansion of IT Park at S. Nos. 95/1, 95/2, 95/3, 95/4, 95/5, 96/1, 96/2A, 96/2B, 97/1A1, 97/1A2, 97/1A3, 97/1B, 98, 99/3A, 99/3B, 99/3C, 99/4A, 99/4B1, 99/4B2, 99/4C, 86/2A1, 86/2A2, 86/2A3, 86/2A4, 86/2A5A, 86/2A6A, 103/1A2, 103/1A3, 103/1B2C, 103/3, 103/1B4, 103/1A1A, 103/1B1B, 103/1A1B, 103/1B1C, 106, 107/1A, 107/1B, 107/2, 108, 109/1A, 109/1B, 109/2A, 109/2B, 109/3, 110, 111/1A1, 111/1A2, 111/1B, 111/2, 111/3, 112/1, 112/2A, 112/2B, 112/3, 113/1, 113/2A, 113/2B, 118/1B, 119, 120/1, 120/2, 121/1A, 121/1B, 121/2, 143/1, 144 & 145 of Navalur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu.

The subcommittee inspected the site on 07.07.2019, to start with, the Technical Team held discussions with the project proponent regarding the proposed Expansion of IT Park at S. Nos. 95/1, 95/2, 95/3, 95/4, 95/5, 96/1, 96/2A, 96/2B, 97/1A1, 97/1A2, 97/1A3, 97/1B, 98, 99/3A, 99/3B, 99/3C, 99/4A, 99/4B1, 99/4B2, 99/4C, 86/2A1, 86/2A2, 86/2A3, 86/2A4, 86/2A5A, 86/2A6A, 103/1A2, 103/1A3, 103/1B2C, 103/3, 103/1B4, 103/1A1A, 103/1B1B, 103/1A1B, 103/1B1C, 106, 107/1A, 107/1B, 107/2, 108, 109/1A, 109/1B, 109/2A, 109/2B, 109/3, 110, 111/1A1, 111/1A2, 111/1B, 111/2, 111/3, 112/1, 112/2A, 112/2B, 112/3, 113/1, 113/2A, 113/2B, 118/1B, 119, 120/1, 120/2, 121/1A, 121/1B, 121/2, 143/1, 144 & 145 of Navalur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu.

The committee has inspected the project site and during the inspection, the committee observed the following points:

(i). Environmental Clearance status

- a. The proponent has informed that the Environmental Clearance (EC) has been obtained from MoEF&CC, New Delhi and Consent to Establish (CTE) has been obtained from TNPCB for the project with total built up area of 2,64,713 Sq.m vide Proc No. 116/TNPCB/21387/OL/KPM/2007/A&W dated 13.09.2007. The Consent to Operate was renewed recently vide Proc No. T2/ TNPCB/ F.0968 MMN/ RL/ MMN/ A&W 2018 dated 12.11.2018 and the project was put into operation during 2011 having total built up area of 2,40,989 Sq.m.


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b. EC Revalidation has been obtained during June 2018 for the construction of remaining built-up area i.e., 23,724 Sq.m.

c. EC Expansion is proposed for the total built-up area of 5,55,243 Sq.m. (EC Obtained-2, 64,713 Sq.m and proposed Expansion - 2,90,530 Sq.m.)

(ii). Sewage Treatment Plant

STP installed under the ground level was under operation. The proponent Shall ensure oxygen level in the STP area for better breathing of workers. Operation is not properly trained, operators/ in-charge is not fully aware of Standard operating procedure, no proper equipment available at STP site take samples and monitor Operating parameters.

(iii). Solid waste Disposal

The organic solid waste was disposed through the organic waste convertor (OWC).

(iv). Green Belt

The green belt area provided by the proponent is not adequate. Further the proponent has developed the green belt area in the encroached area of the Thangal (SF.No.91). But the Regional office, MoEF&CC has not indicated the encroachment of the thangal

(v). Details of Water Bodies

i). After verifying the revenue records & the field inspection it was noted that the portion of the Thangal at the eastern direction of the project (with Survey No. 91) may be encroached by the proponent and the encroached area is converted into green belt area and also road is formed. The thangal should be restored as per the revenue records after having proper survey along with PWD.

ii). The Executive Engineer, Lower Palar Basin Division, Kancheepuram has Issued NoC for the construction of Culvert across the Thangal vide letter dated 31.09.2017. It was noticed that, Executive Engineer has no competency to issue the above said NoC certificate. It is noticed that the proponent has constructed this culvert before obtaining the first CTO (during 2011).


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The Sub Committee submit the inspection report to SEAC for the further course of action regarding the proposal of the proposed Expansion of IT Park at S. Nos. 95/1, 95/2, 95/3, 95/4, 95/5, 96/1, 96/2A, 96/2B, 97/1A1, 97/1A2, 97/1A3, 97/1B, 98, 99/3A, 99/3B, 99/3C, 99/4A, 99/4B1, 99/4B2, 99/4C, 86/2A1, 86/2A2, 86/2A3, 86/2A4, 86/2A5A, 88/2A6A, 103/1A2, 103/1A3, 103/1B2C, 103/3 103/1B4, 103/1A1A, 103/1B1B, 103/1A1B, 103/ 1B1C, 106, 107/1A, 107/1B, 107/2 108, 109/1A, 109/1B, 109/2A, 109/2B, 109/3, 110, 111/1A1, 111/1A2, 111/1B, 111/2, 111/3, 112/1, 112/2A, 112/2B, 112/3, 113/1, 113/2A, 113/2B, 118/1B, 119, 120/1, 120/2 121/1A, 121/1B, 121/2, 143/1, 144 & 145 of Navalur Village, Thiruporur Taluk, Kancheepuram District Tamil Nadu.

The project proponent has submitted the village Map, FMB sketch and A register vide in their letter dated 18.07.2019 received by SELAA on 22.07.2019. The subcommittee Inspection report was placed in the 133rd SEAC meeting held on 24.08.2019. After detail deliberation, the SEAC decided to seek following details from the project proponent based on the inspection report:

- a. STP installed under the ground level was under operation. The proponent shall ensure oxygen level in the STP area for better breathing of workers.
- b. Operation is not property trained, operators/ in-charge is not fully aware of Standard operating procedure, No proper equipment available at STP site to take samples and monitor Operating parameters.
- c. After verifying the revenue records & the field inspection it was noted that the portion of the Thangal at the eastern direction of the project (with Survey No.91) may be encroached by the proponent and the encroached area is converted into green belt area and also road is formed. The thangal should be restored as per the revenue records after having proper survey along with PWD.
- d. The Executive Engineer, Lower Palar Basin Division, Kancheepuram has issued NoC for the construction of Culvert across the Thangal vide letter dated 31.09.2017. It was noticed that, Executive Engineer has no competency to issue the above said NoC certificates.


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It was decided that after receipt of the above details further course of action will be taken on the proposal. The proposal was placed in the 139th SEAC Meeting held on 22.11.2019, based on the above documents furnished to SEIAA-TN on 17.10.2019. The project proponent reply does not contain the details sought for and also no encroachment letter from competent authority. Hence after a, detailed discussion, SEAC decided to defer the proposal for want of details:

The project proponent shall furnish certificate that no encroachment of any water body (rivers, canals, lakes, ponds, tanks, etc) shall be obtained from the competent authority. The project proponent has submitted the details to SEIAA on 07.02.2020. The project proponent has submitted the above said details to SEIAA on 07.02.2020. The detail furnished was placed in this 145th SEAC meeting held on 25.02.2020. The SEAC noted from the document submitted by the proponent was not in line with the details requested in the 139th SEAC Meeting held on 22.11.2019. Further, it was noted from the inspection report of the sub-committee the portion of the Thangal at the eastern direction of the project (with Survey No. 91) might have been encroached by the proponent and the encroached area is converted into green belt area and also road is formed. The Thangal should be restored as per the revenue records if encroached after having proper survey along with PWD official and a certificate to the effect that no encroachment was made in the Thangal may be obtained from chief Engineer, PWD and submitted to SEAC. On receipt of the above details, SEAC will decide the further course of action on the Proposal.

Even after a lap of 3 years, the PP has not furnished the details called for. As per the procedure laid down by the MoEF&CC, the proposal stands delisted as the PP failed to furnish the details within the 90 days. However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023 to provide another opportunity. During the meeting the EIA coordinator stated that the project proponent has decided not to go ahead with the proposed expansion. SEIAA may accept the withdrawal request as and when received from the PP.

Agenda No: 432-10
(File No: 6519/2018)


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Proposed Manufacturing and Light Engineering Assembly Units by M/s. Volumus Developers Private Limited for manufacturing and assembling of Auto ancillary parts, electronic parts, Tools and Equipments in S.No. 22/1, 22/2A1, 22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/28, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, 64/3, 52/1A, 66/1p, 67/1A, 68/1, 69/1A, 69 /2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A(p), 71/3B,71/3C, 71/3D,71/3E1, 71/3E2,71/3E3, 72 pt, 73 pt, 1026 pt of Vadakupattu village and S. Nos. 14/2 Pt, 14/3, 14/4, 14/7 Pt, 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1 Bahadarvadi Villages, Sriperumbudur Taluk, Kancheepuram District – for Environmental Clearance. (SIA/TN/NCP/ 28407/2018) dated: 25.07.2018.

The project proponent gave a detailed presentation on the salient features of the project and informed that:

1. The project is located at 12°44'05"N Latitude, 79°53'05"E Longitude.
2. The Project Proponent was accorded Terms of Reference (TOR) vide Letter No. SEIAA-TN/F.No.6519/2018/8(b)/ToR-374/2018 Dated: 25.05.2018.
3. The Project Proponent is proposing a Manufacturing and Light Engineering Assembly units for manufacturing and assembling of Auto ancillary parts, Electronic Parts, Tools and Equipments at S.No. 22/1, 22/2A1, 22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/28, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, 64/3, 52/1A, 66/1p, 67/1A, 68/1, 69/1A, 69 /2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A(p), 71/3B,71/3C, 71/3D,71/3E1, 71/3E2,71/3E3, 72 pt, 73 pt, 1026 pt of Vadakupattu village and S. Nos. 14/2 Pt, 14/3, 14/4, 14/7 Pt, 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1 Bahadarvadi Villages, Sriperumbudur Taluk, Kancheepuram District in the state of Tamil Nadu.
4. The project comprises Manufacturing and Light Engineering Assembly Units (6 Buildings) with Admin office of G+Mezz floors, 1 no. of office Building (FMO) of Ground floor, 1 no of Drivers Room and Canteen Building with Ground floor, 1 Driver Toilet & 1 Pump Room Ground floor (for manufacturing and assembling of Auto ancillary parts, Electronic Parts, Tools and Equipment).


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5. The total land area of project is 1,70,494 Sq.m (42.13 Acres) with total built up area is 1,04,000 Sq.m.
6. The green belt area proposed for the project is 28,984 Sq.m (17% of total land area).
7. The daily fresh water requirement is 101 KLD will be sourced from local body. Out of 101 KLD, 47 KLD will be used for domestic purpose & 54 KLD for Green belt development.
8. The sewage generated from the project will be 125 KLD which will be treated in STPs of total 140 KLD capacity (35 KLD – 4 nos). The treated sewage of 125 KLD will be recycled (78 KLD for flushing, 47 KLD for Green belt development Purposes)
9. The bio degradable solid waste (480 Kg/day) will be treated in the organic waste convertor and used as manure. The non bio degradable solid waste (319 kg/day) will be handed over to Authorized recyclers. The Bio Sludge (13 Kg/day) from STP will be used as manure. The Hazardous waste (1Ton/Annum) and E-waste (0.5Ton/Annum) will be handed over to Authorized recyclers.
10. Rooftop rainwater of buildings will be collected in Rain water harvesting tanks of total 3300 KLD capacity for harvesting after filtration.
11. The total power requirement during operation phase is 1,644KVA and will be met from TNEB. The proponent is proposed to install D.G set of 4 Nos of 500 kVA with a stack height of 11.5 m.
12. Parking facility for 83 car parks, 209 two wheelers and 182 Truck parks are proposed to be provided against the requirement of 83 car parks, 209 two wheelers and 182 Truck parks respectively (As per DTCP norms).
13. The cost of the project is Rs. 152.17 Crores.

The SEAC noted the following:

The Proponent, M/s. Volumus Developers Private Limited, has applied for Terms of Reference for the proposed Logistic Park with Ware Housing facility and Light Assembling units at S.No. 22/1, 22/2A1,22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/28, 32, 51/1, 51/2, 52/1B, 52/2A,


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52/3A, 52/4A, 52/4B, 64/3, 52/1A, 66/1p, 67/1A, 68/1, 69/1A, 69 /2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A(p), 71/3B,71/3C, 71/3D,71/3E1, 71/3E2, 71/3E3, 72 pt, 73 pt, 1026 pt of Vadakupttu village and S. Nos. 14/2 Pt, 14/3, 14/4, 14/7 Pt, 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1 Bahadarvadi Villages, Sriperumbudur Taluk, Kancheepuram District , Tamil Nadu on 16.03.2018

1. The project proponent M/s. Volumnus Developers Private Limited has applied for seeking environmental clearance with EIA report to SEIAA-TN on 17.12.2018 for for the proposed Logistic Park with Ware Housing facility and Light Assembling units at S.No. 22/1, 22/2A1,22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/28, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, 64/3, 52/1A, 66/1p, 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A(p), 71/3B,71/3C, 71/3D,71/3E1, 71/3E2,71/3E3, 72 pt, 73 pt, 1026 pt of Vadakupttu village and S. Nos. 14/2 Pt, 14/3, 14/4, 14/7 Pt, 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1 Bahadarvadi Villages, Sriperumbudur Taluk, Kancheepuram District.
2. The project/activity is covered under Category "B1" of Item 5(f) "Synthetic Organic Chemical" of the Schedule to the EIA Notification, 2006.

The proposal was placed in the 123rd SEAC Meeting held on 21.12.2018. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the committee decided to defer the proposal for the following additional details:

1. The proponent shall furnish the detail of the unit activity or the manufacturing activity which are going to be carried out in the proposed industrial estate and the same should be marked in the layout plan in each shed. Also the environmental impact due to these industries needs to be assessed and suitable EMP for the same to be worked out & submitted.
2. The proponent shall furnish the topo map for 1km, 5km radius & 10 Km radius highlighting the surrounding prevailing land use pattern including the detail of water bodies, catchment areas, etc. in A1/A0 size.


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3. This is an industrial activity. Hence, the proponent is requested to revise the land breakup area by providing 33% for green belt from the total land area of the project. Accordingly, the proponent has to revise the layout and submit the same.
4. Water requirement of the industries to be set up in the proposed site shall be furnished.
5. The non Bio-degradable solid waste 319 kg/day as proposed in the report is very less. Hence, the proponent has to work out the quantity as per the EIA Guidelines manual for the concern category and furnish the same.

Even after a lap of 5 years, the PP has not furnished the details called for. As per the procedure laid down by the MoEF&CC, the proposal stands delisted as the PP failed to furnish the details within the 90 days. However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023 to provide another opportunity. During the meeting the Committee found that the project proponent has already obtained Environmental Clearance vide **Letter No. SEIAA-TN/F.No.7031/EC/8(a)/854/2022 dated: 11.07.2022** under Schedule 8(a) of EIA Notification, 2006 for the same subject. Hence, this file may be closed and recorded.

Agenda No: 432-11

(File No: 5782/2016)

Proposed residential building project at T.S. No. 6/1A Pt, 6/9 Pt & 6/1B, (S.F. No. 299 Pt) Block No.2, Ward No. Y (25), Vilankurichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by Thiru. Arun G. Bafna & Rajesh K. Bafna – For Environmental Clearance. (SIA/TN/MIS/147887/2020, Dated: 07.03.2020)

The proposal was placed for appraisal in this 432nd meeting of SEAC held on 20.12.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. Arun G. Bafna & Rajesh K. Bafna has applied for Environmental Clearance for the proposed residential building project at T.S.


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No. 6/1A Pt, 6/9 Pt & 6/1B, (S.F. No. 299 Pt) Block No.2, Ward No. Y (25),
Vilankurichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed before the 105th SEAC Meeting held on 23.03.2018. The observation of SEAC is as follows:

The project comes up in an area which was originally classified as industrial use zone. Industries are seen nearby the proposed project site. Specifically, in the south-west corner of the project site, foundry industry exists. This is just adjacent to the proposed project site. Foundry has potential to cause air pollution which will pose health problems for the residents nearby. Keeping in mind the possible adverse impact of the industry operation on the residents of the proposed apartments, the G.O stipulated a condition of earmarking 15m wide land space and use that as green belt for pollution abatement. The proponent has not complied with this requirement. He has earmarked 15m wide landspace but that has been marked to serve the purposed of OSR which will be quite different from the purposed served by the green belt.

Since, proponent has not earmarked a 15m wide landspace for green belt as per G.O. the SEAC directed the proponent to submit a revised building plan approved by the Local Planning Authority clearly earmarking the area in the plan as per the G.O requirement.

The project proponent was informed the above facts vide SEIAA letter dated 26.03.2018 request to submit the details. The project proponent vide their letter dated 20.02.2020 submitted reply to SEIAA informing that

The proposed project comes up in an area which was originally classified as industrial use zone, therefore we had specifically got our land converted to residential use classification, but currently after merger of Vilankuruchi Village into Coimbatore Corporation, they have classified the complete road, where our proposed project land is located, now known as Vilankuruchi corporation –


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THANNEER PANDAL ROAD, as a **Residential Class 1 – Type 1 Zone** under the Coimbatore Corporation.

We also would like to draw your attention to a foundry which was earlier located adjacent to the South-West corner of the proposed project site, for which the committee was particularly concerned. We wish to inform you that this particular foundry has been removed around 18 months back by its existing owner and has now given way to an Office cum Godown of a Bangalore-based company.

4. With the above detail the proposal was placed in this 149th SEAC Meeting held on 14.03.2020. After detailed deliberations, the committee instructed the project proponent to furnish the following details:

- i) The proponent shall obtain the certificate from the competent authority that the foundry located nearby is vacated and there is no activity in that site.
- ii) The proponent shall furnish the layout plan about the proposed Green Belt development area.
- iii) The proponent shall revise the Water & Waste water balance with the provision of providing Grey Water treatment plan.

On receipt of the above details, the SEAC would decide further course of action on the proposal.

According to consultant, the proposal has been dropped by the project proponent due to change in Management. Hence, the SEAC decided that this project proposal may be closed.

Agenda No: 432-12

(File No: 6869/2019)

Proposed Co-Generation Power Plant at S.F.Nos. 1/2B, 33/5 at Santhangadu & Alinjivalikkam Village of Madhavaram Taluk, Tiruvallur District, Tamil Nadu by M/s. Kothari Petro Chemicals Limited -For Terms of Reference. (SIA/TN/THE/34736/2019, Dated: 13/04/2019).


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The proposal was earlier placed in the 191st SEAC Meeting held on 30.12.2020. The details furnished by the Proponent are given in the Parivesh website. (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, M/s. Kothari Petro Chemicals Limited (Co-Generation Power Plant) has filed a proposal for obtaining Terms of Reference to carryout EIA study for Co-Generation Power Plant at S.F.Nos. 1/2B, 33/5 at Santhangadu & Alinjivakkam Village of Madhavaram Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(d) "Thermal Power Plant" of the Schedule to the EIA Notification, 2006.
3. It was also noted that only B2 category of projects listed under the schedule of EIA Notification, 2006 as amended is exempted from public hearing.
4. EDS was raised.

Hence the SEAC decided that the Project Proponent shall close the EDS in parivesh website and also shall furnish the reply for the EDS to SEIAA office. Meanwhile, the Project Proponent vide letter dated:17.09.2020 has requested for withdrawal of the application stating the following.

"...We, M/s. Kothari petrochemicals limited at S.F 1/2B,33/5 Santhangadu Village, Alinjivakkam Village , Madhavaram Taluk, Tiruvallur District had submitted application for EC on 08.03.2019 for the proposed change of fuel 100% coal in the existing cogeneration power plant. Our unit is of capacity 2 MW and this project activity falls under below 5MW Category plant as per schedule No.1 (d) & Category B under EIA Notification 2006 & its latest amendment. As this 2 MW Capacity plant does not require Environmental Clearance, we would like to Withdraw the EC application".

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023. The SEAC decided that SEIAA may accept the withdrawal application of the PP and close the file.

Agenda No: 432-13

(File No: 8794/2023)

Proposed Construction of hospital building and research institute (Under Violation) at S. F. No. 284, 287, 309/1, 310/1, 310/2, 311, 312, 313, 316, 320, 321, 322, 323, 324,


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335/1, 2A, 2B, 336/1, 2, 3, 4A, 4B, 337, 338, 339, 340, 342/1&2, 343, 344/3A, 3B, 3C, 3D of Thandalam Village & 325/6A, 325/7B, 350/2B of Kovur Village, Sriperumpudur Taluk, Kancheepuram District, Tamil Nadu by M/s. Madha Medical College And Research Institute - For Environmental Clearance. (SIA/TN/MIS/ 225193/ 2021 dated 27.08.2021).

The proposal was earlier placed in the 292nd Meeting of SEAC held on 07.07.2022. The details of the project furnished by the proponent are available in the website (www.parivesh.nic.in).


The SEAC noted the following:


1. The Project Proponent, M/s. Madha Medical College And Research Institute has applied for Environmental Clearance for the Proposed Construction of hospital building and research institute (Under Violation) at S. F. No. 284, 287, 309/1, 310/1, 310/2, 311, 312, 313, 316, 320, 321, 322, 323, 324, 335/1, 2A, 2B, 336/1, 2, 3, 4A, 4B, 337, 338, 339, 340, 342/1&2, 343, 344/3A, 3B, 3C, 3D of Thandalam Village & 325/6A, 325/7B, 350/2B of Kovur Village, Sriperumpudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC noted that the PP requested for time to further examine his case on (i) extent of exemption for educational institutions and (ii) whether he would come under violation category and if yes extent of violation. SEAC, therefore, decided to defer the project.

Even after a lapse of one year, the PP has not furnished the details called for. As per the procedure laid down by the MoEF&CC, the proposal stands delisted as the PP failed to furnish the details within the 90 days.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023 to provide another opportunity. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.


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Agenda No: 432-14

(File No: 7948/2018)

Proposed construction for Development of Tamil Nadu commerce Hub at S.F.No. New Survey No. - 6745, 3864 & 3867, Block No. -143 & 76at Nandanam Village, Nandanam Taluk, Chennai District, Tamil Nadu by M/s. Tamil Nadu Housing Board - For Environmental Clearance.


(SIA/N/MIS/178157 /2020, dated: 12.10.2020)

The proposal was earlier placed in the 218th meeting of SEAC held on 09.07.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). The project proponent made a detailed presentation. The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Housing Board has applied seeking Environmental Clearance for the proposed Construction Development of Tamil Nadu Commerce Hub at New Survey No. - 5745, 3964 &.3862, Block No. - 143 & 76 at Nandanam Village, Nandanam Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of item g(a) "Building and Construction Project' of the Schedule to the EIA Notification. 2006 as amended.

Based on the presentation made and documents furnished by the project proponent, **SEAC decided to defer the application** based on the following shortcomings observed during the presentation and hence not recommended for grant of EC.

1. The project proponent shall furnish land transfer document in the name of project proponent TNSCB for all survey nos. of the proposed project site.
2. The proponent has not furnished administrative approval for the proposed project.
3. The Proponent has not furnished the land use conversion certificate to residential use.
4. The proponent has not furnished demolition certificate for the existing building from the competent authority.
5. The proponent has not furnished the flood inundation and safety measures certificate from PWD.


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6. The proponent has not provided the minimum required area of green belt of the project area, Hence, the proponent shall revise layout of proposed project site with green belt area 15% all along the periphery excluding OSR area of 10% of the total area of the proposed project.
7. The proponent has not furnished design adequacy report for proposed STP and GWTP from the institutions such as IIT, Anna University or any Govt. Institute.
8. The proponent has not furnished any baseline data for the environmental parameter with regard to surface water/ground water quality, air quality, soil quality including traffic study to assess the impact of the proposed Project on the environment and in order to propose Environment management plan activities with implementation and cost estimation details' accordingly.
9. The storm water management plan & rain water harvesting plan furnished was not in order. Hence, the proponent shall furnish the revised storm water management plan with details of storm water discharge provisions considering the highest rainfall data from the competent authority.
10. The proponent has not furnished car parking details; Hence, the proponent shall furnish details and earmarked area for car parking in the layout plan.
11. The proponent has not furnished details of solar energy utilization within the premise.


Thus, the **submitted report** was found to be not meeting the minimum requirement as per the Notification and hence **could not be considered**.

As the file was pending for long, the proposal was taken up for discussion in this 432nd meeting of SEAC held on 20.12.2023. The PP informed the Committee that they wish to withdraw the application seeking Environmental Clearance as the proposed project activity has been dropped. The SEAC accepted the withdrawal request of the PP and directed the PP to file the withdrawal request through PARIVESH portal at once. **The Authority may close and record the file.**

Agenda No: 432-15

(File No: 5301/2016)


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Proposed Multi Colour Granite quarry lease over an extent of 21.85.0Ha in S.F. No: 76, Sivanthipuram Village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited- For Terms of Reference. (SIA/TN/MIN/12143/2016 Dt.20.05.2016)

The proposal was earlier placed for appraisal in the 340th meeting of SEAC held on 23.12.2022. During the meeting, the Committee noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 432-16

(File No: 5302/2016)

Existing Multi-Coloured Granite quarry at S.F.No. 227/1-C, Therukalladaikurichi Village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited- For Terms of Reference.

(SIA/TN/MIN/12147/2016Dt: 20.05.2016)

The proposal was earlier placed for appraisal in the 340th meeting of SEAC held on 23.12.2022. The details of the project furnished by the proponent are available on the PRIVESH web portal (parivesh.nic.in). The SEAC noted the following:

1. The proponent M/s. Tamil Nadu Minerals Limited has applied seeking Terms of Reference for the Existing Multi-Coloured Granite quarry at S.F.No. 227/1-C, Therukalladaikurichi Village, Ambasamudram Taluk, Tirunelveli District.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. PP vide letter dated 12.11.2020 has informed that the mining lease got expired on 11.06.2015 and renewal is under process and has requested SEIAA to keep the proposal alive and not to forfeit the processing fee of Rs. 1.00lakh. TAMIN being


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the company owned by the Government of Tamil Nadu, the file is kept under process for want of valid mining lease at SEIAA.

The SEAC noted that the project proponent was absent for the meeting. Hence the Committee decided to defer the subject to a later date directing the project proponent to furnish the reason for not attending the meeting.

As the file was pending for long, the subject was taken up for discussion in this 432nd meeting of SEAC held on 20.12.2023. The SEAC noted that the project proponent was **again absent** for the meeting. Hence the Committee decided to defer the subject to a later date directing the project proponent to furnish the reason for not attending the meeting.

Agenda No: 432 - 17

(File No.5997/2016)

Proposed construction of Perambalur SIPCOT Apparel Park at S.F. No. 13/1, 13/2, 13/3, etc., of Padalur (East) Village & 289/1 & 299/3 of Irur Village, Alathur Taluk, Perambalur District, Tamil Nadu by M/s. State Industries Promotion Corporation of Tamil Nadu - For Environmental Clearance. (SIA/TN/NCP/60183/2016 dated:23.03.2017)

The proposal was placed for appraisal in the 432nd Meeting of SEAC held on 20.12.2023. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, **M/s. State Industries Promotion Corporation of Tamil Nadu** has applied for Environmental Clearance for the Proposed Construction of Perambalur SIPCOT Apparel Park at S.F.Nos. 13/1, 13/2, 13/3, etc., of padalur (East) Village & 289/1 & 299/3 of Irur Village, Alathur taluk, Perambalur 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. Earlier, the proposal was placed in the 111th SEAC meeting held on 16.05.2018. The SEAC interacted with the proponent about the project proposal. The following is the summary of the discussion:


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1. The proponent has furnished the type of industries likely to come up in the project. However, the number of industries (atleast approximately) likely to come up in the park has not been specified. The data regarding this aspect is very vital for assessing the possible environmental impacts and finalising the necessary environmental management measures required for the industries. Only with this data, it will be possible to foresee the type of environmental issues that will be coming up like air pollution, water pollution, solid waste, hazardous waste etc. Therefore, the proponent was directed to furnish the complete concept about the composition of the industrial project along with appropriate management plan.
2. The proponent has stated that individual industry will be asked to earmark necessary area for green belt as per norms. However, the SEAC directed the proponent to integrate the Green belt area in the individual industrial plots in the planning stage itself in order to allocate 33% of green belt area as per norms.
3. The SEAC decided to direct the proponent to revise the proposal to include the data and information as directed above and submit the revised proposal to the SEAC for further course of action.
4. No reply was received from the proponent till date for the details requested in the 111th SEAC meeting.
5. In order to take action on long pending deferred files, the proposal is again placed in this 432nd SEAC meeting.

The consultant (HECS) has sent a mail stating that SIPCOT has decided to drop the Apparel Park project and they will withdraw the application. The SEAC, therefore, decided that SEIAA may accept the request of SIPCOT as and when received and close the file.

Agenda No: 432 - 18

File No: 4969/2016

Proposed Construction of M/s. St. Xavier's Medical College and Hospital at R.S.No.


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100/1,2,3& 101/1pt of Alloor & Chunkankadai Village, Kalkulam Taluk, Kanyakumari District, Tamil Nadu - For Environmental Clearance.

(SIA/TN/NCP/33528/2015, Dated 30.11.2015)


Earlier the proposal was placed in 339th Meeting of SEAC held on 22.12.2022. The details of the project furnished by the proponent are available in the website (www.parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. St. Xavier's Medical College and Hospital has applied for Environmental Clearance for the proposed Construction at R.S.No. 100/1,2,3& 101/1pt of Alloor & Chunkankadai Village, Kalkulam Taluk, Kanyakumari 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.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask the following details,

1. Details of flood occurrence and also certificate stating that the proposed site does not encroach any water body from PWD/Revenue Department.
2. Source of water supply for operation phase to be firmed out and necessary permission from competent Authority shall be produced.
3. Consolidated certificate copy of Documentary evidence for Ownership/ Legal possession by way of long – term lease of land with S.F.No. with area of each S.F. of the project under consideration, with Name of the owner of the land shall be furnished. In this connection, it is requested to furnish the sale deed document for the R.S.No. 100/1,2,3 & 101/1 pt, Allor Village, Chunkankadai, Kalkulam Taluk, Kanyakumari District and the project proponent is requested to furnish the land owner document for the R.S.No. 101/1 pt, Allor Village, Chunkankadai, Kalkulam Taluk, Kanyakumari District.
4. The PP shall furnish the current status of the proposed project with documentary evidences.


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5. PP shall furnish a written affidavit stating that construction activity has stopped and shall not be continued before obtaining EC.
6. The PP shall revise the application and shall apply for hospital components only as educational institutions are exempt from obtaining EC.

Now the proposal was placed in 432nd Meeting of SEAC held on 20.12.2022. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 432-19

File No: 5991/2016

Proposed project for construction of 4 Groynes at Kallamozhi Village, Tiruchendur Taluk, Thoothukudi District proposed by M/s. The Executive Engineer, PWD/WRD, Korampallam Aru Basin Division, Sivan Kovil Street, Thoothukudi - For CRZ Clearance - Reg. (SIA/TN/MIS/31477/2015, Dated: 03.10.2015).

Earlier the proposal was placed in 84th meeting of the SEAC held on 27.02.2017.

The SEAC noted the following:

In the 83 TNSCZMA meeting held on 19.05.2015, TNSCZMA has issued CRZ clearance for construction of 4 Groynes (G1200 m, G2 160 m, G3-75 m & G4 - 50 m at Kallamozhi Village, Tiruchendur Taluk, Thoothukudi District vide Proc. No.P1/2035/2014 dated 01.06.2015.

Based on the above recommendation from the TNSCZMA, the proponent has filed application seeking Environmental Clearance for construction of 4 Groynes (G1200 m, G2 160 m, G3 -75 m & G450 m at Kallamozhi Village, Tiruchendur Taluk, Thoothukudi District under subcategory 'B2' Infrastructure and Miscellaneous Projects + CRZ.

Meanwhile, In the Application No. 4 of 2013 (SZ) before Hon'ble NGT, South Zone Chennai, Shri.O.Fernandes and C.H Balamohan Vs Union of India & Others filed an application to stop the ongoing construction of hard structure/ sea walls/ Groynes along the coastal districts of Tamil Nadu and Puducherry causing disruption to the natural movement of soil.


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In the minutes of 154 meeting of EAC of MoEF held on 22-23.12.2015, it is stated that " EAC took a serious note of the development and expressed the view that the new district wise localized schemes for shoreline protection have potential to cause irreversible damage to adjacent control area and ecology of the area under consideration. Taking this into account, EAC in the past has suggested to the PWD to undertake integrated shoreline Management Program on the basis of pilot study ".

In the 162nd meeting of EAC 29/08/2016, based on the NGT(SZ) Chennai order Dt: 17.08.2016 in the Application No. 4 of 2013 (SZ), the EAC took note of the amendment dated: 28.11.2014 in the CRZ Notification 2011, which inter-alia provides that such proposals covered under para 4 (i) of the CRZ Notification, 2011 but not attracting EIA Notification 2006, requires CRZ clearance from the SEIAA in the respective states and informed that the same has been informed to NGT (SZ) Chennai through an affidavit filed by Shri.Sundar Ramanathan, Scientist 'D' on 02.08.2016.

Hence, the EAC has felt that the same notification would be applicable to the present case also and as such, it may have no jurisdiction to handle this case unless directed to do so by the Ministry.

In the above Circumstances, the project proponent has filed an application (Form I) seeking Clearance for project attracting CRZ Notification, 2011 on 12.12.2016 to SEIAA for construction of 4 Groynes (G1 - 200 m, G2 - 160 m, G3 -75 m & G4-50 m at Kallamozhi Village, Tiruchendur Taluk, Thoothukudi District.

Thereby the proposal was placed in the 84th meeting of the SEAC, Tamil Nadu held on 27.02.2017. After presentation and detailed discussion, the SEAC-TN has requested the proponent to furnish the following details,

1. Revised EIA study for the impact on biodiversity of the marine environment comprising of recent baseline data for the 2016 -2017 including details of marine components such as coral reefs, seaweed communities, sea grasses, salt marshes and mangroves, report on water sampling for general core parameters & heavy metals and report on sediment analysis in the proposed project environment within 10 km radius enclosing details of institution & experts involved in


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- sampling and details of location of sampling area. The coral reefs, sea ed grass beds and gorgonian beds are to be assess in using Grids (1 KM²) for detailed data.
2. Data on fish landing and underwater fish population within 10 km radius.
 3. Details of the source, physical and chemical characteristics of the raw material used for the construction of Groynes.
 4. Details of the impact on fisheries.
 5. Report from IIT Madras regarding the conditions imposed by MoEF for construction of the Groynes, related to soft measures and level of erosion.

Now the proposal was placed in 432nd Meeting of SEAC held on 20.12.2022. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 432-20

(File No: 5992/2016)

Proposed construction of 4 Groynes (G1 - 370m, G2 - 170m, G3 - 75m & G4 - 50m) at Veerpandianpattinam Village, Tiruchendur Taluk, Thoothukudi District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD, Korampallam Aru Basin Division, Sivan Kovil Street, Thoothukudi - for Clearance under CRZ Notification 2011 (SIA/TN/MIS/31476/2015, Dated: 03.10.2015)

The proposal was placed for appraisal in this 432nd meeting of SEAC held on 20.12.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. M/s. The Executive Engineer, PWD/WRD, Korampallam Aru Basin Division, Sivan Kovil Street, Thoothukudi has proposed for the construction of 4 Groynes (G1 - 370m, G2 - 170m, G3 - 75m & G4 - 50m) at Veerpandianpattinam Village, Tiruchendur Taluk, Thoothukudi District, Tamil Nadu.
2. In the 83rd TNSCZMA meeting held on 19.05.2015, TNSCZMA has issued CRZ clearance for construction of 4 Groynes (G1 - 200 m, G2 - 160 m, G3 - 75 m & G4 - 50 m at Veerpandianpattinam Village, Tiruchendur Taluk, Thoothukudi


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District wide Proc. No.P1/2030/2014 dated 01.06.2015.

Based on the above recommendation from the TNSCZMA, the proponent has filed application seeking Environmental Clearance for construction of 4 Groynes (G1 - 370 m, G2 - 170 m, G3 - 75 m & G4 - 50 m at Veerpandianpattinam Village, Tiruchendur Taluk, Thoothukudi District under subcategory 'B2' - Infrastructure and Miscellaneous Projects + CRZ.

Meanwhile, In the Application No. 4 of 2013 (SZ) before Hon'ble NGT, South Zone Chennai, Shri.O.Fernandes and C.H Balamohan Vs Union of India & Others filed an application to stop the ongoing construction of hard structure/ sea walls/ Groynes along the coastal districts of TamilNadu and Puducherry causing disruption to the natural movement of soil.

In the minutes of 154th meeting of EAC of MoEF held on 22-23.12.2015, it is stated that "EAC took a serious note of the development and expressed the view that the new district wise localized schemes for shoreline protection have potential to cause irreversible damage to adjacent control area and ecology of the area under consideration. Taking this into account, EAC in the past has suggested to the PWD to undertake integrated shoreline Management Program on the basis of pilot study".

In the 162nd meeting of EAC 29/08/2016, based on the NGT(SZ) Chennai order Dt: 17.08.2016 in the Application No. 4 of 2013 (SZ), the EAC took note of the amendment dated: 28.11.2014 in the CRZ Notification 2011. which inter-alia provides that such proposals covered under para 4 (i) of the CRZ Notification, 2011 but not attracting EIA Notification 2006, requires CRZ clearance from the SEIAA in the respective states and informed that the same has been informed to NGT (SZ) Chennai through an affidavit filed by Shri. Sundar Ramanathan, Scientist 'D' on 02.08.2016.

Hence, the EAC has felt that the same notification would be applicable to the present case also and as such, it may have no jurisdiction to handle this case unless directed to do so by the Ministry.

In the above Circumstances, the project proponent has filed an application (Form


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- 1) seeking Clearance for project attracting CRZ Notification, 2011 on 12.12.2016 to SEIAA for construction of 4 Groynes (G1 - 370 m, G2 - 170 m, G3 - 75 m & G4 - 50 m at Veerpandianpattinam Village, Tiruchendur Taluk, Thoothukudi District.

Thereby the proposal was placed in the 84th meeting of the SEAC, TamilNadu held on 27.02.2017. After presentation and detailed discussion, the SEAC-TN has requested the proponent to furnish the following details

- i) Revised EIA study for the impact on biodiversity of the marine environment comprising of recent baseline data for the 2016-2017 including details of marine components such as coral reefs, seaweed communities, sea grasses, salt marshes and mangroves, report on water sampling for general core parameters & heavy metals and report on sediment analysis in the proposed project environment within 10 km radius enclosing details of institution & experts involved in sampling and details of location of sampling area. The coral reefs, sea grass beds and gorgonian beds are to be assessed in using Grids (1 KM²) for detailed data.
- ii) Data on fish landing and underwater fish population within 10 km radius.
- iii) Details of the source, physical and chemical characteristics of the raw material used for the construction of Groynes.
- iv) Details of the impact on fisheries.
- v) Report from IIT Madras regarding the conditions imposed by MoEF for construction of the Groynes, related to soft measures and level of erosion.

The proponent has not turned up for the meeting. Hence the SEAC decided to defer the proposal.

Agenda No: 432-21

File No: 7370/2016

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


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(SIA/TN/IND2/42942/2008 dated 16.09.2019)

Earlier, the proposal was placed in 315th Meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are available in the website (www.parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Dhanalakshmi Srinivasan Sugars Private Limited (Distillery Unit) has applied for Amendment of Environmental Clearance for the Existing Distillery Unit with the capacity of 60 KLPD at S.F.No. 379/2, 380/2B, 382/2, 384, 455/3, 455/4 Udumbiyum Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5 (g) Distilleries of the Schedule to the EIA Notification, 2006.
3. The PP has obtained Environmental Clearance vide F.No. J-11011/1316/2007-IA II (I) dated 10.12.2008 for having capacity of 60 KLPD, Rectified Spirit - 10 KLPD, Extra Neutral Alcohol (ENA)/ Anhydrous Alcohol-40 KLPD and Ethanol-10 KLPD.
4. Now the PP has applied for amendment for change in the production capacity as Rectified Spirit - 60 KLPD (or) Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 60 KLPD (or) Ethanol-60 KLPD, without increasing the consented quantity.

Sl. No	Description	Details
1.	Name of the Project	M/S. Dhanalakshmi Srinivasan Sugar Private Limited (Distillery Unit)
2.	Location	S.F. Nos. 379/2, 380/2B, 382/2, 384, 455/3, 455/4 Udumbiyum Village, Veppanthattai Taluk Perambalur District
3.	Type of Project	Schedule 5 (g) Distilleries
4.	New Project/ Expansion New	Amendment in Environmental Clearance.


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5.	Total land Area (Ha) – 10.19 Hectares Land use classification- Unclassified area		
	Description	Area	
		Existing	After Amendment
	Built-up Area	7.29 Hectare	7.29 Hectare
	Solid Waste Storage	0.1 Hectare	0.1 Hectare
	Greenbelt area	2.5 Hectare	2.5 Hectare
	Vacant Area	0.3 Hectare	0.3 Hectare
	Total Area	10.19 Hectare	10.19 Hectare
6.	Cost of Project	Existing-Rs.82.26 Crores After expansion- Rs. 82.26 Crores (There will not be any addition)	
7.	Brief description of the project	60 KLPD (Rectified Spirit (RS) / Extra Neutral Alcohol (ENA) / Anhydrous Alcohol / Ethanol)	
8.	Raw Materials	Cane Molasses – 225 T/Day Nutrients – 97 Kgs/Day Antifoam Oil – 115 Kg/Day Sulphuric Acid – 110 Kgs/Day.	
9.	Water requirement		
	Description	Existing (KLD)	After Amendment (KLD)
	Cooling water makeup	380.0	380.0
	Molasses dilution	360.0	360.0
	Domestic Purpose	4.0	4.0
	Boiler – Steam	40.0	40.0
	Greenbelt	10.0	10.0
		794.0	794.0
	By Water recycling from Spent lees, steam condensate and evaporator condensate	204.0	204.0
	Raw water requirement for distillery	590.0	590.0


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10. Details of Effluent /Sewage Treatment				
S. No.	Category	Discharge in KLD		Method of treatment
		Current	After Amendment	
1	Concentrated Spent Wash	180	180	Burning in Boiler as Fuel
2	Evaporate Vapour Condensate	450	450	ETP recycling condensate from Evaporator
3	Sewage	3.2	3.2	Septic tank size (3.0 x 2.0 x 2.0 m) with Dispersion trench size (3.4 x 3.4 x 1.2 m)
11. Air Pollution Control Measures				
Stack No.	Sources of Emission	Details of APC measures		
1	Fermenter	CO ₂ scrubber followed by CO ₂ capturing Plant.		
2	Boiler – 17 T/Hr	Bag Filters with stack of 55m has been provided.		
12. Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste				
S. No	Solid Wastes	Quantity (T/D)		Method of Disposal
		Existing	After Amendment	
1	Settled yeast sludge	3.0	3.0	Used as manure
2	Boiler Ash	18.0	18.0	Used as manure


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13.	EMP	Capital Cost – 103.5 Lakh Recurring Cost – 9.0 Lakh
14.	CER activities	10 Lakhs

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

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

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

The Authority noted that,

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


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- (v) The PP shall submit an affidavit that the PP shall not manufacture bio-ethanol/blended ethanol.

In view of the above, the Authority after detailed discussion decided to refer back the proposal to SEAC for re-appraisal. The proposal was again placed in **325th Meeting of SEAC held on 03.11.2022**. The PP has requested additional time. Hence the committee decided to defer the proposal.

Now the proposal was placed in **432nd Meeting of SEAC held on 20.12.2022**. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 432 - 22.

(File No: 8590/2020)

Proposed Rough Stone quarry lease over an extent of 1.00.0Ha at S.F.No.394(Part-1) of Muthusamipuram Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu by Thiru.M.Sundaramoorthi- Environmental Clearance. (SIA/TN/MIN/216396/2021, Dt: 25.06.2021)

Earlier, the proposal was placed in 323rd meeting of SEAC held on 20.10.2022. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru.M.Sundaramoorthi has applied for Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 1.00.0Ha at S.F.No.394(Part-1) of Muthusamipuram Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Precise area communication period is 10 years. The mining plan is for the period of 5 years & the production should not exceed 64365 Cu.m of Rough Stone. The annual peak production 14190 Cu.m of Rough Stone (4th Year). The ultimate depth – 25m BGL


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The proposal was placed in the 323rd meeting of SEAC held on 20.10.2022. The Committee noted that both EIA Coordinator and project proponent were absent. The project proponent shall furnish the reason for his absence.

Subsequently, the proposal was placed in 568th authority meeting held on 09.11.2022. The authority noted that this proposal was placed for appraisal in this 323rd meeting of SEAC held on 20.10.2022 and the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.10.2022.

Again, the proposal was placed in the 432nd meeting held on 20.12.2023. During presentation the Project proponent and EIA coordinator requested additional time for furnishing additional particulars in regard to SMTR and SEAC decided to defer the proposal.

Agenda No: 432-23.

File No: 5447/2018

Existing Quartz and Feldspar Mine over an extent of 2.61.0Ha at S.F. No. 582/4B, 594/1, 2, 3, 4, 6, 7 & 8 in Amayapuram Village, Manaparai Taluk, Tiruchirappalli District, by M/s. Chettinad Morimura Semiconductor Material Pvt Ltd – ToR (under violation category).

Earlier, the proposal was placed in 79th SEAC Meeting held on 06.08.2016 & 116th SEAC meeting held on 10.07.2018. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The proponent, M/s. Chettinad Morimura Semiconductor Material Pvt Ltd has applied for ToR to SEIAA –TN on 02.06.2018 for mining of Quartz and Feldspar Mine over an extent of 2.61.0 Ha at S.F. No. 582/4B, 594/1, 2, 3, 4, 6, 7 & 8 in Amayapuram Village, Manaparai Taluk, Tiruchirappalli District.

The Ministry of Environment, Forest and Climate Change (MoEF&CC) Notification S.O. 804 (E) dated 14.03.2017 has stated that the cases of violations will be dealt strictly as per the procedure specified in the following manner:


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

Accordingly it was informed that the application for seeking Environmental Clearance after starting activity without prior EC for mining of Quartz and Feldspar Mine over an extent of 2.61.0 Ha at S.F. No. 582/4B, 594/1, 2, 3, 4, 6, 7 & 8 in Amayapuram Village, Manaparai Taluk, Tiruchirappali District could not be processed at SEIAA-TN and the proponent was requested to submit the proposal to MoEF&CC for Environmental Clearance stating the violations.

The MoEF&CC notification S.O.1030 (E) dated 08.03.2018 has stated that the cases of violations projects or activities covered under category A of the Schedule to the EIA Notification, 2006, including expansion and modernization of existing projects or activities and change in product mix, shall be appraised for grant of Environmental Clearance by the EAC in the Ministry and the Environmental Clearance shall be granted at Central level, and for category B projects, the appraisal and approval thereof shall vest with the State or Union territory level Expert Appraisal Committees and State or Union territory Environment Impact Assessment Authorities in different States and Union territories, constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986.

The MoEF&CC office memorandum No. F.No.Z-11013/22/2017-IA.II(M) dated: 15.03.2018 have issued the following guidelines regarding implementation of Notification S.O.1030 (E)


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- i. The proposals received up to 13th September, 2017 on the Ministry's portal, shall be considered by the EAC or the SEAC / SEIAA in the respective States / UTs, as the case may be, in order of their submission.
- ii. All the proposals of category 'B' projects / activities pertaining to different sectors, received within six months only i.e. up to 13th September, 2017 on the Ministry's portal, but yet not considered by the EAC in the Ministry, shall be transferred online to the SEAC / SEIAAs in the respective States / UTs.
- iii. The proposals submitted directly for considering of EC (in place of ToR), shall also be considered on the same lines, in order of their submission on the Ministry's portal.
- iv. All the projects of category 'B' pertaining of different sectors, although considered by the EAC in the Ministry and accorded ToR, shall be appraised for grant of EC by the SEAC / SEIAA in the respective States / UTs.
- v. All projects / activities of all sectors, shall be required to adhere to the directions of Hon'ble Madras High Court vide order dated 13th October, 2017 while upholding the Ministry's Notification dated 14th March, 2017.

The MoEF&CC office memorandum No. F.No.Z-11013/22/2017-IA. II(M) dated: 16.03.2018 has issued the following directions regarding compliance of directions of Hon'ble Madras High Court order dated 14th March, 2018 in WMP Nos.3361, 3362 & 3721 of 2018 in WP.No.11189 of 2017.

1. The project proponent, who have not submitted the proposals within six months window i.e. up to 13th September, 2017 in pursuance of the ministry's notifications S.O.804(E) dated 14.03.2017, are required to submit the proposals within 30 days, to the EAC for category A projects or the SEAC/SEIAA in the respective States/UTs for category B projects.
2. The project proponent, who have submitted the proposals on the Ministry's portal after 13th September, 2017 are also required to submit the proposals within 30 days, to the EAC for category A projects or the SEAC/SEIAA in the respective States/UTs for category B projects


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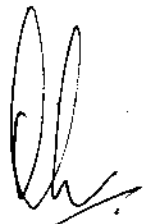
In view of the above directions, the project proponent, who have **submitted the proposals within six months window** i.e. up to 13th September, 2017 in pursuance of the ministry's notification S. O. 804(E) dated 14.03.2017, has submitted the details of the proposal to the O/o SEIAA-TN for obtaining specific Terms of Reference for mining of Quartz and Feldspar Mine over an extent of 2.61.0 Ha at S.F. No. 582/4B, 594/1, 2, 3, 4, 6, 7 & 8 in Amayapuram Village, Manaparai Taluk, Tiruchirappali District

The proposal was placed before the 116th SEAC Meeting held on 10.07.2018. The project proponent has not turned up for the meeting. Hence the committee decided to defer the proposal.

Again, the proposal was placed **432nd meeting held on 20.12.2023**. Based on the presentation and documents furnished by the project proponent. The SEAC noted that this project falls under violation project and decided to grant of Terms of Reference (TOR) under Violation category, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and ToR given in Annexure-I, the EIA/EMP report along with assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter by the accredited consultants.


1. The PP shall furnish an Independent Chapter 13 as per the MoEF & CC Violation Notification – S.O. 804 (E), dated. 14.03.2017 for the project in case of assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared as an independent chapter in the Environment Impact assessment report by the Accredited consultant and also with collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1996, accredited by NABET or a


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Laboratory of council of Scientific and industrial research institutions working in the field of environment..

2. As a part of procedural formalities as per the MoEF & CC Violation Notification – S.O. 804 (E), dated. 14.03.2017, the action will be initiated by the competent authority under section 15 read with section 19 of the Environment (Protection) Act, 1986 against violation.
3. details of Existing pit dimension, quantity of the mineral quarried and last transport permit for the earlier lease period from Dept. Of Geology & Mining.
4. The structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc.
5. The project proponent shall furnish details of photographs of adequate sheet fencing, greenbelt and garland drain around the boundary of the proposed quarry.
6. Copy of valid mining lease approval obtained from the competent Authority.
7. Letter stating that the quarry lease deed has not been cancelled or terminated and is subsisting as on date.
8. Copy of approved review of scheme of mining / mining plan by the competent authority of the Dept of Geology and Mining.
9. Copy of 'No Objection Certificate' for the total penalty levied by the concerned AD/DD, Dept of Geology and Mining, and copy of remittance of total penalty by PP.
10. Details of habitations and fireworks around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.
11. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site.


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12. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
13. The Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
14. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
15. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
16. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
17. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines.
18. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
19. Quantity of minerals mined out.
20. Highest production achieved in any one year
21. Detail of approved depth of mining.
22. Actual depth of the mining achieved earlier.


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23. Name of the person already mined in that leases area.
24. If EC and CTO already obtained, the copy of the same shall be submitted.
25. Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
26. All corner coordinates of the mine lease area, superimposed on a High-Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
27. The PP shall carry out Drone video survey covering the cluster, Green belt, fencing etc.,
28. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
29. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working
30. methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.
31. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
32. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly


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be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.

33. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
34. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
35. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
36. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
37. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
38. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
39. 29. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

40. Impact on local transport infrastructure due to the Project should be indicated.
41. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
42. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
43. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
44. The Public hearing advertisement shall be published in one major National daily and one most circulated Tamil daily.
45. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
46. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
47. 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
48. DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
49. 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


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boundary of the project site with at least 3 meters wide and in between blocks in an organized manner

50. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
51. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
52. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
53. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
54. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
55. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
56. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
57. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs


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which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.

58. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.

59. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 432 - 24.

(File No: 9269/2022)

Proposed Gravel quarry lease over an extent of 4.58.5 Ha at S.F.No. 365/1A & 365/2 Metrathi Village, Madhathukulam Taluk, Tiruppur District, Tamil Nadu by Thiru.A Ravuthar for Environmental Clearance. (SIA/TN/MIN/271908/2022, Dt.09.05.2022)

Earlier, this proposal was placed in this 301th Meeting of SEAC held on 06.08.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). The SEAC noted the following

1. The Project Proponent, Thiru. A Ravuthar has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 4.58.5 Ha at S.F.No. 365/1A & 365/2 Metrathi Village, Madhathukulam Taluk, Tiruppur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication is issued for the period of 3 years. The approved mining plan is for the period of five years & production should not exceed 35396.5 cu.m of Gravel. The annual peak production is 11845.5 Cu.m of Gravel (1st year). The ultimate depth is 2 m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to call for following additional particulars for further processing the proposal.

1. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as


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directed in the above Judgment and the same shall be authorised by AD/DD, Geology & Mining Dept., Cuddalore District.

2. The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.
3. DFO letter regard to proximity of nearby forest area.
4. To furnish copy of certificate obtained from Director General of Mine safety considering nearby habitats and building structures within 300m radius of the proposed mining area.

Subsequently, the proposal was placed in the 549th SEIAA meeting held on 05.09.2022. The authority decided to call for the following additional particulars from the project proponent in addition to the said additional particulars sought by the SEAC as follows

- i. Impact on surrounding agricultural fields around the proposed mining Area.
- ii. Erosion Control measures.
- iii. Impact on soil micro flora & vegetation around the project site.

The project Proponent has furnished reply on 01.06.2023. The proposal was again placed 397th SEAC meeting held on 03.08.2023. The proponent was absent for the meeting informing that yet to obtain additional details requested by SEAC/SEIAA. Hence, SEAC decided to defer the proposal.

Subsequently, the proposal was again placed in 648th authority meeting held on 22.08.2023. The authority noted that the subject was appraised in the 397th SEAC meeting held on 03.08.2023 and the authority noted SEAC minutes & decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 03.08.2023.

Again, the proposal was placed **432nd meeting held on 20.12.2023**. During presentation the Project proponent and EIA coordinator has informed that this project has been dropped and requested for the withdraw of this project and committed to give request for withdraw through online. In view of the above, SEAC decided to accept the PP request for withdraw of online proposal


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no.SIA/TN/MIS/114465/2019 Dt: 14.08.2019. SEAC, therefore, decided to recommend to SEIAA to close and record the file after obtaining affidavit from the project proponent.

Agenda No: 432-25

(File No: 4405/2017)

Existing Black Granite quarry over an extent of 4.95.0 Ha at S.F.No. 433/6 of Vettavalam Village, Thiruvannamalai Taluk, Thiruvannamalai District, Tamil Nadu by M/s. Enterprising Exporters for grant of Terms of References "Under Violation". (SIA/TN/MIN/23694/2018 Dt: 07.04.2018).

The proposal was placed in this 395th Meeting of SEAC held on 27.07.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. Enterprising Exporters has applied for Terms of References "Under Violation" for the Existing Black Granite quarry over an extent of 4.95.0 Ha at S.F.No. 433/6 of Vettavalam Village, Thiruvannamalai Taluk, Thiruvannamalai District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

During the meeting the Committee noted that the project proponent was absent for the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023 to provide another opportunity.

The SEAC carefully examined the documents furnished by the project proponent, SEAC decided to request the SEIAA to write to the concerned AD (Mines), Dept of Geology & Mining with a copy forwarded to the Commissioner of Geology and Mining, Chennai for the following queries.

1. Original pit dimension of the existing quarry
2. Quantity achieved Vs Approved Quantity


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3. Balance Quantity as per Mineable Reserve calculated.
4. Month wise Production details
5. Mined out Depth as on date Vs Permitted depth
6. Details of illegal/illicit mining carried out, if any
7. Non-compliance/Violation in the quarry during the past working.
8. Quantity of material mined out outside the mine lease area (or) in the adjacent quarry/land.
9. Existing condition of Safety zone/benches
10. Details of any penalties levied on the PP for any violation in the quarry operation by the Department of Geology and Mining

Upon the receipt of the responses for the above, the SEAC may deliberate and decide further course of action in this proposal.


Agenda No: 432-26

(File No: 6330/2023)

Existing Limestone Quarry Lease over an extent of 4.56.0Ha located at S.F.Nos. 380/1, 385/1, 386/1, 386/2 & 386/3 of K. Pitchampatti Village, Karur Taluk, Karur District, Tamil Nadu by Thiru. E. Srinivasan – For Environmental Clearance under Violation. (SIA/TN/MIN/428201/2023 dated: 05.05.2023).

The proposal was placed in 390th Meeting of SEAC held on 07.07.2023. The details of the project furnished by the proponent are available in the website (www.parivesh.nic.in). The SEAC noted the following:

1. The Proponent, Thiru. E. Srinivasan, has applied for Environmental Clearance under violation for the Existing Limestone Quarry Lease over an extent of 4.56.0Ha located at S.F.Nos. 380/1, 385/1, 386/1, 386/2 & 386/3 of K. Pitchampatti Village, Karur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Proposal No. SIA/TN/MIN/23077/2018 dated: 03.04.2018.


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4. The ToR for carrying out EIA study under violation issued vide Lr. No. SEIAATN/F.No.6330/ToR-338/2018, dated: 11.05.2018.
5. ToR Amendment issued vide Letter No. SEIAA-TN/F.No.6330/SEAC-CXVIII/TOR338(A)/2018 Dated: 30.07.2018 to mandate Public Hearing.
6. ToR Extension issued vide Lr. No. SEIAA-TN/F.No.6330/ToR-338/A/2018, dated: 30.10.2021.
7. Further, the ToR Extension issued vide Lr. No. SEIAA-TN/F.No.6330/ToR338/Ext/2018, dated: 26.09.2022 valid up to 10.05.2023.
8. Now, the PP had applied for Environmental Clearance under violation vide Proposal No. SIA/TN/MIN/428201/2023 dated: 05.05.2023.
9. EIA Report Submitted on 11.05.2023.

The proposal was placed in this 390th Meeting of SEAC held on 07.07.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023 to provide another opportunity.

The SEAC carefully examined the documents furnished by the project proponent, SEAC decided to request the SEIAA to write to the concerned AD (Mines), Dept of Geology & Mining with a copy forwarded to the Commissioner of Geology and Mining, Chennai and Regional Controller of Mines, Indian Bureau of Mines (IBM), Chennai for the following queries.

1. Original pit dimension of the existing quarry
2. Quantity achieved Vs Approved Quantity
3. Balance Quantity as per Mineable Reserve calculated.
4. Month wise Production details
5. Mined out Depth as on date Vs Permitted depth
6. Details of illegal/illicit mining carried out, if any
7. Non-compliance/Violation in the quarry during the past working.


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8. Quantity of material mined out outside the mine lease area (or) in the adjacent quarry/land.
9. Existing condition of Safety zone/benches
10. Details of any penalties levied on the PP for any violation in the quarry operation by the Department of Geology and Mining

Upon the receipt of the responses for the above, the SEAC may deliberate and decide further course of action in this proposal.

Agenda No: 432-27

(File No: 8472/2022)

proposed Earth quarry over an extent of 1.84.0 Ha located at S.F.Nos.231/14C, 232/7, 232/8, 232/20, 242/1 & 242/6 of Velakupuram Village, Uthukottai Taluk, Thiruvallur District, Tamil Nadu by Thiru.R.Neruji -For Environmental Clearance (SIA/TN/MIN/202660/2021, 09.03.2021).

The proposal was earlier placed in the 371st Meeting of SEAC held on 26.04.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023. During the meeting, the EIA Coordinator and Project Proponent has requested for withdrawal of the application stating the following,

"...We have applied for the Earth quarry lease and the Precise area communication letter Granted on 22.02.2021 (Period of quarry lease six months from the execution of lease deed). The Mining plan got approval for the period of six months lease period in this circumstance. As per the Directorate of Geology and Mining Letter No. 7240/MM6/2019 Dated 30.07.2021 Passed an order in his order stating that No Permission shall be granted for quarrying Gravel, Earth etc., in Patta Lands for a period not less than one year. Considering the above order, the proposal is not eligible as on Date, Hence, we withdrawn this proposal. We planned to file a new application in the Department of Geology and Mining after changing the lease period. Based on that we


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request your good office to kindly accept our withdrawal request for the file no 8472 and do the needful”.

The Committee decided to accept the withdrawal request of the Project Proponent and communicate the same to SEIAA.

Agenda No: 432 - 28

File No: 10573/2023

Proposed Integrated 4GW Solar cell and Module Manufacturing plant at SF. Nos: 1641 pt, 1474 pt, 1475, 1476, 1477 pt, 1478 pt, 1479, 1480, 1481 pt, 1495 pt, 1642 pt, 1901 pt, 1903 pt, 1904 pt, 1905 pt, 1906 pt, 1907 pt, 1908, 1909, 1910 pt, 1911, 1912 pt, 1913 pt, 1914 pt, 1915 pt, 1916 pt, 1917 pt, 1922 pt, 1923 pt, 1924 pt, 1925 pt, 1926 pt, 1927 pt, 1931 pt, 1919 pt, 1921 pt (Plot No. A104, A105, A106, A107 & A108, A109) at SIPCOT Industrial park of Gangaikondan Village, Tirunelveli District, Tamil Nadu by M/s. TP Solar Limited- For Terms of Reference.

(SIA/TN/INFRA2/454338/2023, Dated: 05.12.2023)

The proposal was placed in the 432nd SEAC meeting held on 20.12.2023. The details of the project furnished by the proponent are available in the website. (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. TP Solar Limited has applied for Terms of Reference for the Proposed Integrated 4GW Solar cell and Module Manufacturing plant at SF. Nos: 1641 pt, 1474 pt, 1475, 1476, 1477 pt, 1478 pt, 1479, 1480, 1481 pt, 1495 pt, 1642 pt, 1901 pt, 1903 pt, 1904 pt, 1905 pt, 1906 pt, 1907 pt, 1908, 1909, 1910 pt, 1911, 1912 pt, 1913 pt, 1914 pt, 1915 pt, 1916 pt, 1917 pt, 1922 pt, 1923 pt, 1924 pt, 1925 pt, 1926 pt, 1927 pt, 1931 pt, 1919 pt, 1921 pt (Plot No. A104, A105, A106, A107 & A108, A109) at SIPCOT Industrial park of Gangaikondan Village, Tirunelveli District, Tamil Nadu.
2. The project activity is covered under Category "B1" of Item 8(b) "Township & Area Development projects" of the Schedule to the EIA Notification, 2006.

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


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the reason for his absence.

Agenda No: 432-29

(File No: 6204/2017)

Existing Limestone mine over an extent of 2.24.0Ha in S.F.Nos. 232/2 & 232/3 of Alathur Village, Sankari Taluk, Salem District, Tamil Nadu by M/s. Max mining syndicate -for Terms of Reference under Violation. (SIA/TN/MIN/27132/2018 Dated: 12.09.2017).

The proposal was earlier placed in the 341st Meeting of SEAC held on 29.12.2022. During the meeting the Committee noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 432-30


(File No: 6582/2018)

Existing Black Granite Quarry over an extent of 1.02.0Ha in S.F.Nos. 9/1B of Eriyur Village, Vanur Taluk, Villupuram District, Tamil Nadu by Thiru. S. Baskar Babu -for Terms of Reference under Violation. (SIA/TN/MIN/27164/2017 Dated: 11.09.2017).

The proposal was earlier placed in the 342nd Meeting of SEAC held on 30.12.2022.

The SEAC noted the following:

1. The Project Proponent, Thiru. S. Baskar Babu has applied for Terms of Reference under Violation for the Existing Black Granite Quarry over an extent of 1.02.0Ha in S.F.Nos. 9/1B of Eriyur Village, Vanur Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification 2006.
3. Mining Lease has been granted vide G.O. (3D). No. 13 Industries (MMB-2) Dept. dated 15.03.2010 for 20 Years and lease deed was executed on 29.03.2010.
4. The Mining Plan has been approved by Commissioner of Geology and Mining, Guindy, Chennai vide Letter No. 7082/MM5/2009 dated 26.02.2010.


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5. The proponent has filed the following three applications in the PARIVESH Portal for the same proposal.

- i) SIA/TN/MIN/64639/2017 dated.11.05.2017 Application seeking Environmental Clearance.
- ii) SIA/TN/MIN/25835/2017 dated.25.04.2018 Applications seeking ToR under violation category.

During the meeting the Committee noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion.

However, the proposal was taken up for consideration in the 432nd meeting of SEAC held on 20.12.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 432 - 31

(File No: 6205/2018)

Existing Limestone Mine over an extent of 4.96.5Ha at S.F.No. 154/2A, 54/4, 54/5C, 52/1A2, 52/1B, 52/5, 52/3A, 52/3B, 52/4A, 52/4B, 52/2, 49/4A, 49/4B, 49/5B, 54/3, 54/2B, 49/1 & 49/2 (Part) of T.Kokkulam Village, Thirumangalam Taluk, Madurai District, Tamil Nadu by Shri S. Natarajan, Proprietor, M/s. Sundeep Mineral Corporation - For Terms of Reference under violation category.

(SIA/TN/MIN/27137/2018 Dt: 12.09.2017)

The proposal was earlier placed in the 341st meeting of SEAC held on 29.12.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent Shri S. Natarajan, Proprietor, M/s. Sundeep Mineral Corporation has applied seeking Terms of Reference **under violation category** for the Existing Limestone Mine over an extent of 4.96.5Ha at S.F.No. 154/2A, 54/4, 54/5C, 52/1A2, 52/1B, 52/5, 52/3A, 52/3B, 52/4A, 52/4B, 52/2, 49/4A, 49/4B, 49/5B, 54/3, 54/2B, 49/1 & 49/2 (Part) of T.Kokkulam Village, Thirumangalam Taluk, Madurai District, Tamil Nadu.


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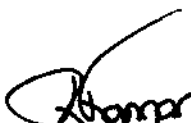
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2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006 as amended.

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

As the file was pending for long, the subject proposal was taken up for discussion in this 432nd meeting of SEAC held on 20.12.2023. The SEAC noted that the PP has sought additional time to engage a new EIA coordinator for his project proposal. The Committee agreed for the same and decided to take up the subject in one of the ensuing meetings.


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ANNEXURE-I

SPECIAL MITIGATION MEASURES FOR THE QUARRIES LOCATED WITHIN 1 KM FROM THE RESERVE FORESTS

1. Since the R.F is located very close to the proposed quarry site, the PP shall develop Green Belt (Thick Tree plantation in two to three rows) along the boundary of the mine lease area before obtaining the CTO from the TNPCB.
2. The proponent shall construct and maintain proper fencing all around the boundary of the proposed working quarry adjacent to the direction of the location of the Reserved Forest before the commencement of the operation and shall furnish the photographs showing the same before obtaining the CTO from TNPCB.
3. The PP shall take steps so that the overburden, waste rock, rejects and fines generated during the mining operations shall be stored in separate dumps positioned in opposite direction to the location of the reserved forest.
4. The PP shall ensure that such waste/reject dumps shall be properly secured to prevent escape of material there from in harmful quantities which may cause degradation of environment and to prevent causation of floods.
5. The PP shall select the site for dumps on impervious ground to ensure minimum leaching effects due to precipitations.
6. The PP shall take necessary steps that wherever possible, the waste rock, overburden etc. shall be back-filled into the mine excavations with a view to restoring the land to its original use as far as possible.
7. Wherever back-filling of waste rock in the area excavated during mining operations is not feasible, the PP shall take adequate steps in discussion with the concerned DFO to suitably terrace the waste dumps ensuring the stability through vegetation to consolidate the green belt development in the areas adjacent to the reserved forest location.
8. The PP shall carry out the scientific investigations in order to keep the ground and noise vibrations caused by blasting operations and movement of HEMM such as Excavators, Trucks within safe limit.


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9. The PP shall not perform secondary breakage involving the drilling & blasting in the quarrying operations and it can be replaced with non-conventional methods such as noise-controlled rock breakers, usage of non-explosive expansive materials/chemicals, Hydraulic Splitting based on the suitable scientific studies carried out by any reputed scientific and academic institutions.
10. The PP shall take adequate steps to control the air pollution due to fines, dust, smoke or gaseous emissions during the quarrying operations within 'Permissible Limits' specified under the environmental laws.
11. The Quarrying and Mining activities shall be restricted in the Eco-sensitive Zone of 60 m from the boundary of the Reserved area and hence the PP shall not even indulge in constructing the haul roads in these areas.
12. No development on existing steep hill slopes or slopes with a high degree of erosion shall be permitted. Hence, the PP shall not carry out the quarrying on steep hill slopes with a gradient of 20° or more or areas with a high degree of erosion on forestland.
13. The PP shall give an affidavit at the time of lease execution that there will be no felling of trees (or) any encroachment will not be made on these Reserved Forest lands and also within the Eco-sensitive Zone of 60 m without the prior permission of the State Government in case of reserve forest land as per the procedures laid down by the State Government.
14. The PP shall not use plastic carry bags within the quarry area.
15. The PP shall ensure that all the haul roads within the quarry lease shall be provided with adequate number of road side drains and these drains shall be kept free from blockage for runoff disposals. This run off from the road side drainage shall relate to the natural drainage system in the area.
16. The PP shall adhere to the provisions of the MoEF had issued Notification No. S.O. 1545 dated 25th June 2009 regulating certain activities in the eco-sensitive zone to conserve and protect the reserved forest area from ecological and environmental point of view.

GRAVEL / RED EARTH & PEBBLES QUARRY – GENERAL CONDITIONS

1. The proponent shall mandatorily appoint the statutory competent persons and commence the quarry operations within the purview of Mines Act 1952.
2. 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 shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. 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. No change in basic mining proposal shall 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.
5. 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.
6. 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.
7. 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.


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8. 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.
9. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in 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.
10. **Noise and Vibration Related:** (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m 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.
12. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
13. The proponent shall ensure that the transportation of the quarried granite stones 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. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

14. 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.
15. The Project Proponent shall comply with the provisions of the Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
16. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied 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.
17. 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) by the proponent without fail.
18. 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.
19. 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.
20. 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.
21. 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


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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.

22. The mining lease holders 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 which is fit for growth of fodder, flora, fauna etc.

23. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.


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ROUGH STONE/JELLY/BLUE METAL QUARRY

- 1) The PP shall inform send the 'Notice of Opening' of the quarry to the Director of Mines Safety, Chennai Region before obtaining the CTO from the TNPCB.
- 2) 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.
- 3) The proponent shall appoint the statutory competent persons relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961, as amended from time to time.
- 4) Within a period one month from the execution of lease deed, the PP shall ensure that the persons deployed in the quarry including all the contractual employees/truck drivers shall undergo initial/periodical training in the DGMS approved GVTC situated in Trichy / Salem / Hosur.
- 5) The PP shall construct a garland drain of size, gradient and length around the proposed quarry incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Garland drain, silt-traps, siltation ponds and outflow channel should be de-silted periodically and geo-tagged photographs of the process should be included in the HYCR.
- 6) Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.
- 7) The proponent shall install the 'S3 (or) G2' type of fencing all around the boundary of the proposed working quarry with gates for entry/exit before the commencement of the operation as recommended in the DGMS Circular, 11/1959 and shall furnish the photographs showing the same before obtaining the CTO from TNPCB.


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- 8) The Proponent shall submit a conceptual 'Slope Stability Action Plan' incorporating the benches & accessible haul road approved by the concerned AD (Mines) for the proposed quarry to the DEE/TNPCB at the time of obtaining the CTO.
- 9) The PP shall ensure that the persons employed in the quarry whether permanent, temporary or contractual are undergoing the initial/periodical medical examination in the DGMS approved OHS Clinics/Hospitals as per the DGMS Circular No. 01 of 2011 before they are engaged in mining activities.
- 10) The PP shall ensure that the persons employed in the quarry whether permanent, temporary or contractual are provided with adequate PPEs before engaged in mining operations.
- 11) The PP shall meticulously carry out the mitigation measures as spelt out in the approved EMP.
- 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 should be adopted by considering the wind direction.
- 13) The Project Proponent shall ensure that the funds earmarked for environmental protection measures are kept in a separate bank account and should not be diverted for other purposes. Year-wise expenditure should be included in the HYCR.
- 14) The Project Proponent shall send a copy of the EC to the concerned Panchayat/local body.
- 15) Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required, in coordination with the concerned Govt. Authority.
- 16) Perennial sprinkling arrangements 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.


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- 17) 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 are undertaken accordingly. The report on the periodic monitoring shall be included in the HYCR.
- 18) 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.
- 19) 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. 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.
- 20) Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in 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.
- 21) **Noise and Vibration Related:** (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (ii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
- 22) The PP shall carry out maximum of only one round of controlled blast per day, restricted to the maximum of 30 to 40 number of holes per round with maintaining maximum charge per delay in such a manner that the blast-induced ground vibration level (Peak Particle Velocity) measured in the


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houses/structures located at a distance of 500 m shall not exceed 2.0 mm/s and no fly rock shall travel beyond 20 m from the site of blasting.

23) The PP shall also ensure that the blasting operations are not carried out on a 'day after day' basis and a minimum 24 hours break should be observed between blasting days to reduce the environmental impacts effectively.

24) If 'Deep-hole large diameter drilling and blasting' is required, then the PP shall obtain special permission from DGMS.

25) The PP shall ensure that the blasting operations shall be carried out during a prescribed time interval with a prior notice to the habitations situated around the proposed quarry after having posted the sentries/guards adequately to confirm the non-exposure of public within the danger zone of 500 m from the boundary of the quarry. The PP shall use the jack hammer drill machine fitted with the dust extractor for the drilling operations such that the fugitive dust is controlled effectively at the source.

26) The PP shall ensure that the blasting operations are carried out by the blaster/Mine Mate/Mine Foreman employed by him in accordance with the provisions of MMR 1961 and it shall not be carried out by the persons other than the above statutory personnel.

27) The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations as per the Environmental Management Plan & the approved Mine Closure Plan.

28) Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.

29) The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m 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.

- 30) The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
- 31) The proponent shall ensure that the transportation of the quarried granite stones 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. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
- 32) 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.
- 33) 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.
- 34) The project proponent shall ensure that the provisions of the MMDR Act, 1957 & the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied 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.
- 35) 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.
- 36) 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.



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- 37) 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.
- 38) 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.
- 39) As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEFCC, the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
- 40) The mining lease holders 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 which is fit for growth of fodder, flora, fauna etc.
- 41) 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 to the EMP as committed.


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SPECIAL MITIGATION MEASURES FOR THE QUARRIES LOCATED IN CLOSE PROXIMITY TO THE WINDMILLS		
Sl. No	Existing (or) Virgin Quarry	
	Wind Mills located at a distance of 150 m to 300 m	Wind Mills located beyond 300 m Up to 500 m
1.	Appointment of I/II Class Mines Manager Certificate of Competency under MMR 1961.	Appointment of I/II Class Mines Manager Certificate of Competency under MMR 1961.
2.	Special precautions are to be taken during blasting within danger zone such as posting guards, etc.	Blast design parameters should be mentioned in mining plan/scheme. and may be reviewed by a competent mining engineer.
3.	Blast design parameters should be mentioned in mining plan/scheme.	MCPD and total charge should be fixed such that it should not exceed 1.3 kg and 26.50 kg respectively.
4.	The recommendations of scientific organisation need to be incorporated in the mining plan/scheme before its approval.	Fresh scientific study may be conducted if mine management wants to increase the MCPD and total explosive charge above the quantity of 1.30 kg and 26.50 kg respectively. Continuous monitoring using seismograph should also be done in such cases by the mine management.
5.	Engagement of blasting in-charge having Diploma/Degree in mining engineering for day-to-day blasting.	Engagement of blasting in-charge having Diploma/Degree in mining engineering for day-to-day blasting.
6.	Training of the blasting crew on controlled blasting practices before engaged in operation.	Training of the blasting crew on controlled blasting practices before engaged in operation.


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7.	Submission of monthly report on blast design pattern and detailed explosive consumption as well as volume of rock excavation to a statutory body viz. DGMS, DMG, PESO or SPCB.	Submission of monthly report on blast design pattern and detailed explosive consumption as well as volume of rock excavation to a statutory body viz. DGMS, DMG, SPCB. Report of recorded ground vibration need to be added in monthly report.
8.	Report of recorded ground vibration need to be added in monthly report which shall be sent to all the statutory body viz. DGMS, DMG, SPCB.	Report of recorded ground vibration need to be added in monthly report which shall be sent to all the statutory body viz. DGMS, DMG, SPCB.
9.	Small diameter emulsion cartridge of 25 mm diameter (125 gm weight per cartridge) shall be used. However, ANFO explosives may also be used as main explosive charge.	Small diameter emulsion cartridge of 25 mm diameter (125 gm weight per cartridge) shall be used. However, ANFO explosives may also be used as main explosive charge.
10.	Electronic (or) Non-electric detonators (Nonel) shall be used in all the blasts for in-hole explosive initiation and surface hole-to-hole firing.	Non-electric detonators (Nonel) shall be used in all the blasts for in-hole explosive initiation and surface hole-to-hole firing.
11.	Max. number of holes in a round: 30.	Max. number of holes in a round: 40 to 60.


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TERMS OF REFERENCE (ToR) FOR GRANITE / ROUGH STONE QUARRY

1. In the case of existing/operating mines, a letter obtained from the concerned AD (Mines) shall be submitted and it shall include the following:
 - (i) Original pit dimension
 - (ii) Quantity achieved Vs EC Approved Quantity
 - (iii) Balance Quantity as per Mineable Reserve calculated.
 - (iv) Mined out Depth as on date Vs EC Permitted depth
 - (v) Details of illegal/illicit mining
 - (vi) Violation in the quarry during the past working.
 - (vii) Quantity of material mined out outside the mine lease area
 - (viii) Condition of Safety zone/benches
 - (ix) Revised/Modified Mining Plan showing the benches of not exceeding 6 m height and ultimate depth of not exceeding 50m.
2. Details of habitations around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.
3. The proponent is requested to carry out a survey and enumerate on the structures located within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m (v) 500m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc with indicating the owner of the building, nature of construction, age of the building, number of residents, their profession and income, etc.
4. The PP shall submit a detailed hydrological report indicating the impact of proposed quarrying operations on the waterbodies like lake, water tanks, etc are located within 1 km of the proposed quarry.
5. The Proponent shall carry out Bio diversity study through reputed Institution and the same shall be included in EIA Report.



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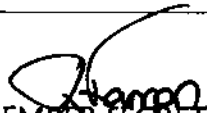


6. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site.
7. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall carry out the scientific studies to assess the slope stability of the working benches to be constructed and existing quarry wall, by involving any one of the reputed Research and Academic Institutions - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, Division of Geotechnical Engineering-IIT-Madras, NIT-Dept of Mining Engg. Surathkal, and Anna University Chennai-CEG Campus. The PP shall submit a copy of the aforesaid report indicating the stability status of the quarry wall and possible mitigation measures during the time of appraisal for obtaining the EC.
8. However, in case of the fresh/virgin quarries, the Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
9. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/ Class mines manager appointed by the proponent.
10. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
11. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.


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12. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
13. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
14. Quantity of minerals mined out.
 - Highest production achieved in any one year
 - Detail of approved depth of mining.
 - Actual depth of the mining achieved earlier.
 - Name of the person already mined in that leases area.
 - If EC and CTO already obtained, the copy of the same shall be submitted.
 - Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
15. All corner coordinates of the mine lease area, superimposed on a High-Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
16. The PP shall carry out Drone video survey covering the cluster, green belt, fencing, etc.,
17. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
18. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment, and the remedial measures for the same.


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19. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of the Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
20. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds, etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
21. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
22. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
23. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
24. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

25. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
26. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
27. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
28. Impact on local transport infrastructure due to the Project should be indicated.
29. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
30. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
31. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
32. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix-I in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
33. Taller/one year old Saplings raised in appropriate size of bags, preferably ecofriendly 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

34. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
35. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
36. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
37. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
38. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
39. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
40. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
41. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed

compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.

42. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.

43. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.


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Annexure II

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


1. Statutory Compliance:

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


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

9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.

10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air quality monitoring and preservation:

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.

3. The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind directions during the construction period.

4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

5. Sand, murrum, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.

6. Wet jet shall be provided for grinding and stone cutting.


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

3. Water Quality Monitoring and Preservation:

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

5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement


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- shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharges should be limited to shallow aquifer.
 14. No ground water shall be used during construction phase of the project.
 15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
 18. No sewage or untreated effluent water would be discharged through storm water drains.
 19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.

21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring and Prevention:

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

5. Energy Conservation Measures:

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.
4. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting


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design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

5. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
6. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
7. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management:

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.

5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover:

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.


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3. Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
5. A wide range of indigenous plant species should be planted as given in the Appendix-1, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms

radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

9. Human Health Issues:

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

10. Corporate Environment Responsibility:

1. The PP shall complete the CER activities, as committed, before obtaining CTE.


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2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR).
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.


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3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.
9. No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Authority (SEIAA) may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.


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13. The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.


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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	விவம்ப
2	<i>Adenaanthera pavonina</i>	Manjadi	மஞ்சள், ஆனாக்குளிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாளை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தரை
6	<i>Bauhinia racemosa</i>	Aathi	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathu	இருவத்தி
8	<i>Buchanania axillaris</i>	Kattuna	காட்டுநா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamararam	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலை
12	<i>Calophyllum inophyllum</i>	Punnai	புனை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்குரை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்குரை
15	<i>Chloroxylon sweetenia</i>	Purasamaram	புரசமரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலை
17	<i>Cordia dichotoma</i>	Naruvuli	நருவூலி
18	<i>Creteva adansoni</i>	Mavalingum	மாவிளங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உவா
21	<i>Diospyro sebenum</i>	Karungali	கருங்காணி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kallitru	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆற்றுப்பூவரசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயிலி மரம், ஆயிலி
27	<i>Lanea coromandelica</i>	Odhiam	ஒதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கெட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விளா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitrugyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestre</i>	Eachai	நச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்


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40	<i>Premna mollissima</i>	Murnai	முள்ளை
41	<i>Premna serratifolia</i>	Narumurnai	50 முள்ளை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூங்கா
43	<i>Prosopis cinerea</i>	Vanni maram	வள்ளி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேளிமரம்
46	<i>Pterospermum xylocarpum</i>	Polavu	பூங்கா
47	<i>Puthranjiva roxburghii</i>	Karipala	கரிபலா
48	<i>Salvadora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Manipuragan, Soapukai	மணிப்புகள் சோபுகாய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Strobilus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தளம் கெட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாந்தி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேனி மருது
57	<i>Toona ciliate</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூங்கா
59	<i>Walsuratrifoliata</i>	valsura	வால்சுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலா
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கெடுக்காப்பூசி

Appendix -III

Display Board

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

-----சாரங்கம்

சுற்றுச்சூழல் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ள SEAW, தேதி: 05.05.2024, சுற்றுச்சூழல் அனுமதி _____ தேதி வரை செயல்படுத்தக்கூடாது உள்வது.

பலகை பழுதி வளர்ச்சி செயல்படுத்தப்படாத வடிவத்தில்	குவாரியின் எல்லைகளில் சுற்றி வேலி அமைக்க வேண்டும்
நடப்பட்டுள்ள பராமரிக்கப்பட்ட வேலியை மரங்கள் வளர்ப்பதற்காக:	<ul style="list-style-type: none"> சுற்றுச்சூழல் அமைச்சரவர்கள் ஆய்வு செய்தபின்னர் மட்டும் (பிளான்) இயக்க வேண்டும். சுற்றுச்சூழல் மாசு ஏற்படாதவாறு அங்கு பராமரிக்க வேண்டும். வாசல்களைச் செயல்படுத்தும் பராமரிக்க மாசு ஏற்படாத அமைதிக்கு தனித்தனியாக முறையாக தனித்தனி வளர்ப்பின் மூலமாக அமைப்புவாறு செயல்படுத்த வேண்டும். இனச்சார் அமைப்பில் தனி மரங்களை மட்டும் குறைப்பதற்காக குவாரியின் எல்லைகளில் சுற்றி அடர்த்தியான பலகை பழுதியை ஏற்படுத்த வேண்டும்.
சுற்றுச்சூழல் மரங்கள் குறைக்கப்படுவது தடுப்பதற்காக ஏற்படாதவாறு மரங்கள் வளர்ப்பதற்காக பலகை பழுதியை செயல்படுத்தப்பட வேண்டும்.	
சுற்றுச்சூழல் இயக்கு ஏற்படும் இனச்சார் அமைச்சரவர்கள் (SIA) அமைதிக்கு மர ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
சுற்றுச்சூழல் விநியோக மரங்கள் சுற்றுச்சூழல் மரங்கள் பழுதியை செயல்படுத்த வேண்டும்.	
சுற்றுச்சூழல் விநியோக மரங்கள் செயல்படுத்த வேண்டும்.	
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சுற்றுச்சூழல் விநியோக மரங்கள் செயல்படுத்த வேண்டும்.	


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