

State Expert Appraisal Committee (SEAC)

Minutes of 395th meeting of the State Expert Appraisal Committee (SEAC) held on 27.07.2023 (Thursday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects, Metallurgical Industries & Mining Projects.

Confirmation of Earlier Minutes

The minutes of the 394th SEAC meeting held on 21.07.2023 were circulated to the Members in advance and as there are no remarks, the Committee decided to confirm the minute.

Agenda No. 395 – 01.

File No. 10179/2023.

Proposed Rough Stone & Gravel Quarry lease over an extent of 1.50.0Ha S.F.No.44/1(P), 44/5(P), 44/6, 44/7 & 44/8, Sundakottai Village, Aruppukottai Taluk, Virudhunagar District by Tmt. R. Chempaka Devi- For Terms of Reference.

(SIA/TN/MIN/434553/2023, dt:30/06/2023)

The proposal was placed in the 395th SEAC Meeting held on 27.07.2023. The details of the minutes are available in the website (parivesh. nic. in).

The SEAC noted the following:

1. The project proponent, Tmt. R. Chempaka Devi has applied for Terms of Reference for the proposed Rough Stone & Gravel Quarry lease over an extent of 1.50.0Ha S.F.No.44/1(P), 44/5(P), 44/6, 44/7 & 44/8, Sundakottai Village, Aruppukottai Taluk, Virudhunagar 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. As per the precise area communication the lease period is for 5 years. The mining plan is for 5 Years. The Mineable reserve /production for 5 Years shall not to exceed 150675m³ of Rough Stone & 69000m³ of Gravel and the ultimate depth of 41m BGL.

Based on the presentation and details furnished by the project proponent, SEAC decided to grant Terms of Reference (TOR) with Public Hearing subject to the following TORs.


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in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC and Annexure, to be included in EIA/EMP Report:

1. The PP shall discuss the plan for the management of the composite quantity of Top soil & Gravel to be excavated during the earlier part of the quarrying.
2. The Proponent shall furnish the mitigation measures for the 'Kanmai' situated nearby due to the proposed quarrying operations.
3. The Proponent shall provide a Controlled Blast design & Vibration Prediction for the structures located within 500 m from the lease boundary and any other sensitive structures.
4. The proponent shall furnish a revised EMP budget for entire life of proposed mining.

Agenda No. 395– 02.

File No. 4957/2023.

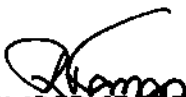
Existing Multi-Colour Granite quarry over an extent of 4.40.5 Hectares at S.F.No 494/1 & 494/2, Nadanthai Village,Paramathivelur Taluk, Namakkal District, Tamil Nadu by Tmt. L. Selvi – Extension of validity for Environmental Clearance.

(SIA/TN/MIN/197626/2021Dt: 10.02.2021)

Earlier, the proposal was placed in the 378th SEAC Meeting held on 11.05.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Tmt. L. Selvi has obtained Environmental Clearance vide Lr. No. SEIAA-TN/F.No.4957/EC/1(a)/2805/2016 dated:08.02.2016 for the existing Multi-Colour Granite quarry over an extent of 4.40.5 Hectares at S.F.No.494/1 & 494/2, Nadanthai Village,Paramathivelur Taluk, Namakkal District, Tamil Nadu for production of 10260 cu.m of Multi Colour Granite,12834 cu.m of Topsoil over a period of 5 Years and depth of mining 9m. The annual peak production shall not exceed 3420m³.
2. Now, the PP submitted form -6 vide proposal no. SIA/TN/MIN/197626/2021Dt: 10.02.2021 has requested for automatic


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extension of validity for Environmental Clearance issued vide Lr. No. SEIAA-TN/F.No.4957/EC/1(a)/2805/2016 dated:08.02.2016.

3. Certified Compliance Report (CCR) obtained from IRO(SZ), MoEF&CC vide Lr. EP/12.1/2023-24/SEIAA/32/TN/757 Dt:21.06.2023.
4. Scheme of Mining plan for the period 2021 -22 to 2025 – 2026 vide Lr. Rc.No.6963/MM4/2020 Dt: 31.12.2020 for the following
Geological reserve - RoM: 398232m³, Multi colour Granite (60% recovery) - 238939 m³, Granite Waste (40%)- 159293 m³, Topsoil - 38426m³, Weathered Rock - 19213m³ & Side burden – 1171860 m³.
Mineable Reserve - RoM: 308476m³, Multi colour Granite (60% recovery) - 185086 m³, Granite Waste (40%)- 123390m³, Topsoil - 23716m³, Weathered Rock – 10680 m³ & Side burden – 253715 m³ and depth of mining upto 38m. The annual peak production shall not exceed 3420m³(2nd Year).


Based on the presentation and documents furnished by the project proponent. SEAC decided to defer and to seek additional particulars

- a) Copy of Certified Compliance report.
- b) Copy of valid Scheme of Mining Plan.
- c) Existing pit - Status letter from AD, Dept of Geology & Mining.

Subsequently, the proposal was placed in the 625th Authority meeting held on 01.06.2023. The authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 11.05.2023.

The project proponent furnished reply on 26.06.2023. Again, the proposal was placed in 395th SEAC Meeting held on 27.07.2023. The SEAC also noted that as per OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (i) states that

“... The validity of the Environmental Clearance, which had not expired as on the dated of publication of notification, i.e., 12/04/2022, shall stand automatically extended to respective increased validity as mentioned at para no. 1 column (C) above.


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Provided that the period of validity of Environmental Clearance with respect to the type of projects and activities listed at para 1 above may be extended in respect of valid Environmental Clearance, by the regulatory authority concerned, by a maximum period of years as indicated at para No. 1 Column (D) above, if an application is made in the land down proforma to the regulatory authority by the applicant as per the provisions of EIA Notification 2006: provided further that the regulatory authority may also consult the concerned Expert Appraisal Committee Before grant of such extension...”

Based on the presentation made by the proponent, the SEAC decided to confirm that the EC already issued stands automatically extended as per the aforementioned OM issued by the MoEF & CC and the prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.

All others conditions stipulated in earlier Environmental Clearance vide SEIAA Lr. No. SEIAA-TN/F.No.4957/EC/1(a)/2805/2016 dated:08.02.2016 will remain unaltered and unchanged.

Agenda No. 395 – 03

File No. 9441/2023.

Proposed Construction of Residential Building in S.Nos:101/1A, 1B, 2, 3A, 3B, 102/1A, 1B, 2, 103, 104/1A, 1B, 1C, 1D, 1E1, 1E2, 2A, 2B, 2C, 3A, 3B, 105/1A, 2A, 1B, 2B1, 2B2, 2C1, 2C2, 3A, 3B, 4A1, 4A2, 4B1, 4B2, 4C1, 4C2, 4C3A, 4C3B, 4C4, 5A, 5B, 116/1A, 1B, 1C, 2, 3A, 3B, 3C, 3D, 4, 5A, 5B, 5C, 6, 117/1A, 1B, 1C, 2A, 2B, 2C, 118/1, 2A, 2B, 2C, 2D, 3A, 3B, 119/2A, 2B1, 2B2, 2B3, 2B4, 2C, 2D, 2E, 120, 121/1A, 1B, 1C, 1D, 2, 3A, 3B, 3C, 3D, 4A, 4B, 122/1A1B of Nemmeli Village, Thirupporur Taluk, Chengalpet District, Tamil Nadu by M/s Kairav Developers Limited – Amendment for Environmental Clearance. (SIA/TN/MIN/299217/2023, dt:13.04.2023/10.05.2023)

The proposal was placed in the 395th SEAC Meeting 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:


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1. The project proponent, M/s Kairav Developers Limited has applied amendment for Environmental Clearance for the proposed Construction of Residential Building in S.Nos:101/1A, 1B, 2, 3A, 3B, 102/1A, 1B, 2, 103, 104/1A, 1B, 1C, 1D, 1E1, 1E2, 2A, 2B, 2C, 3A, 3B, 105/1A, 2A, 1B, 2B1, 2B2, 2C1, 2C2, 3A, 3B, 4A1, 4A2, 4B1, 4B2, 4C1, 4C2, 4C3A, 4C3B, 4C4, 5A, 5B, 116/1A, 1B, 1C, 2, 3A, 3B, 3C, 3D, 4, 5A, 5B, 5C, 6, 117/1A, 1B, 1C, 2A, 2B, 2C, 118/1, 2A, 2B, 2C, 2D, 3A, 3B, 119/2A, 2B1, 2B2, 2B3, 2B4, 2C, 2D, 2E, 120, 121/1A, 1B, 1C, 1D, 2, 3A, 3B, 3C, 3D, 4A, 4B, 122/1A1B of Nemmeli Village, Thirupporur Taluk, Chengalpet District, Tamil Nadu.
2. The project/activity is covered under category "B" of Item 8 (a) "Building and Construction" of the schedule to the EIA Notification,2006.
3. Earlier EC issued vide Letter No. SEIAA-TN/F.No.9441/EC/8(a)/890/2022 dated: 28.11.2022 for total built-up area 60562.97 Sq.m and total plot area – 45425.96 Sq.m.

We wish to make the following submission, against some of the mentioned in this letter:

4. The PP has requested for amendment of conditions of EC as follows

S. No	Details as per Existing EC	Reply already submitted to SEAC to SEIAA	Revised Reply based on SEAC 395 meeting	Amendment Sought
Part C-Specific Condition, Construction phase: S.No.13. Green Belt Development				
1	(ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary	The total land area of this project is 45425.96Sq.m and we have proposed in our EC application that, there will be 10% OSR 4541. 50 Sq.m and	We are providing Green Belt area which is 22.5% (10.220.75 sqm) of the	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for


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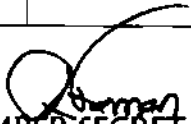

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	<p>of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.</p>	<p>7818.95 Sq.m area (i.e., 17% of total land area) is to be developed as Green/Landscape Area. this includes development of lawn and greenery inside the project by selecting native species.</p> <p>Also, as per the MoEF&CC guidelines there is requirement of 1 tree per 80 sq.m of land area accordingly, for this project total 568 trees are required and we are proposing tree plantation of 592 No. will be done with in and along the periphery of the project</p> <p>In addition to that, as mentioned above, we further propose to increase the green area, with in and</p>	<p>total land area inside the project and also, we are committing that we will be planting one row of trees all around the periphery of the project in addition to the OSR.</p> <p>Due to the senior community development, we have allotted more green spaces inside the project</p>	<p>the green belt area inside the project and provide at least one row of trees all along the boundary. The same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.</p>
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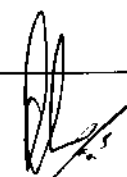
		<p>along the periphery of the project by 2401.80 sq.m and make it in total 10,220.75sq.m (i.e., 25 % of land area excluding OSR or 22.50% of the total land area).</p> <p>We would also like to add here that the said project is a Residential Group Housing project and not any in industrial project where the pollution is on much higher side. As of now, we have already submitted the plans to DTCP for approval.</p> <p>Considering the above, it is humbly requested that kindly exempt us from this condition of maintaining 3-meter-wide greenbelt all along the boundary and allow us to</p>		
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		develop green area as proposed in our EC Application.		
Part C – Specific Condition, S.No.15. Rain Water Harvesting				
2.	(i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	We wish to mention here that, we have proposed for construction of 23 no. of rain water harvesting pits which will recharge the ground water. In coastal areas, where the property of soil tends to be saturated and have a high-water table, constructing shallow rainwater harvesting structures system is most useful system. As sea water has higher density to rainwater, the rainwater collected through rainwater harvesting pits gets into aquifers and suppresses the sea water below. it also	We wish to mention here that, we have proposed for construction of 23 No. of Rain water harvesting pits which will recharge the ground water. The Soil Profile of the project site also says that it is sandy soil (Soil Profile Report Enclosed as Annexure 1.). And in Coastal areas, where the property of	(i) The proponent shall ensure that roof rainwater collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate RWH Structures so that 100% of the storm water shall be recharged.


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		<p>prevents its further intrusion in the aquifer. Ultimately it helps in reduced salinity of water in aquifer to make it more usable.</p> <p>Thus, we do consider that, construction of Rainwater Harvesting structures for ground water recharge could be better option as compared to sumps for re-using rainwater.</p>	<p>soil tends to be saturated and have a high-water table, constructing Shallow Rainwater harvesting structures system is most useful system. As sea water has higher density to rainwater. the rainwater collected through rainwater harvesting pits gets into aquifers and suppresses the sea water below. It also prevents its further intrusion in the aquifer. Ultimately, it</p>	
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			<p>helps in reduced salinity of water in aquifer to make it more usable.</p> <p>Thus, we do consider that, construction of Rainwater Harvesting structures for ground water recharge could be better option as compared to Sumps for re-using rainwater.</p>	
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Part D – Specific Condition, - Operational Phase/Post construction phase/Entire life of the project:S.No.5.

3	Solar energy saving shall be increased to at least 10 % of total energy utilization	We would like to submit here that, for utilization of solar Energy we have proposed to install	In requirement of the general condition 50% of the Roof Top will	Solar energy saving shall be increased to at least 5% of total energy utilization.
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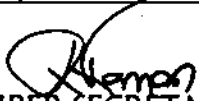

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		<p>solar panels on the terrace area.</p> <p>Total terrace area is 44968 sq.m out of which we shall cover approx. 50% area as per the availability of shadow free area with solar panels for power generation which will be sufficient enough to fulfill the requirement of common area and street lighting etc.</p> <p>You are hereby requested to consider this proposal for energy saving and solar energy utilization.</p>	<p>be covered with Solar Panels and will be provided Hot Water through the Solar Water Heating system. In addition, we are going for the IGBC Gold Certification which will ensure the effective utilization of the Solar Energy.</p>	
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SEAC – Specific Conditions, S.No.27.

4	<p>Generation of the solar / renewable energy should not be less than 25% of total energy utilization.</p> <p>Application of solar</p>	<p>Kindly, consider the same submission as mentioned above at S.No.3 of this letter against the specific</p>	<p>In requirement of the general condition 50% of the Roof Top will be covered</p>	<p>Generation of the solar/renewable energy should not be less than 5% of total energy</p>
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	<p>energy should be utilized maximum for illumination of common areas. Street lighting etc.</p>	<p>Conditions – No.5 of the EC letter.</p>	<p>with Solar Panels and will be provided Hot Water through the Solar Water Heating system. In addition, we are going for the IGBC Gold Certification which will ensure the effective utilization of the Solar Energy.</p>	<p>utilization. Application of solar energy should-be utilized maximum for illumination of common areas. Street Lighting etc.</p>
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Change in the Name of the Project

5	<p>Proposed construction of residential building by M/s. Kairav Developers limited</p>	<p>Proposed construction of residential building 'Ashiana Swarang' by M/s.Kairav Developers Limited</p>	-	<p>Proposed Construction of Residential Building "Ashiana Swarang" by M/s Kairav</p>
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				Developers Limited
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Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of amendment of Environmental Clearance as requested by the PP as follows subject to all the other conditions stipulated vide EC Letter No. SEIAA-TN/F.No.9441/EC/8(a)/890/2022 dated: 28.11.2022.

S.No.	Amendment requested by PP	Amendment Recommended by SEAC
Part C-Specific Condition, Construction phase: S.No.13. Green Belt Development		
1.	(ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area inside the project and provide at least one row of trees all along the boundary. The same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
Part C – Specific Condition, Construction phase: S.No.15. Rain Water Harvesting		
2.	(i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	(i) The proponent shall ensure that roof rainwater collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate RWH Structures so that 100% of the storm water shall be recharged.


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Part D – Specific Condition, - Operational Phase/Post construction phase/Entire life of the project:S.No.5.		
3.	Solar energy saving shall be increased to at least 10 % of total energy utilization.	Solar energy saving shall be increased to at least 5% of total energy utilization.
SEAC – Specific Conditions, S.No.27.		
4.	Generation of the solar / renewable energy should not be less that 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas. Street lighting etc.	Generation of the solar/renewable energy should not be less than 5% of total energy utilization. Application of solar energy should-be utilized maximum for illumination of common areas, Street Lighting etc.
Change in the Name of the Project		
5.	Proposed construction of residential building by M/s. Kairav Developers limited.	Proposed Construction of Residential Building “Ashiana Swarang” by M/s Kairav Developers Limited.

Agenda No: 395-04


(File No: 10192/2023)

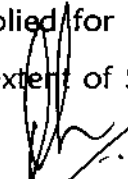
Proposed Rough Stone Quarry over an extent of 5.00.0Ha at S.F.No. 679/2 (P) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by Thiru. P.Balasubramanian-For Terms of Reference. (SIA/TN/MIN/435486/2023, Dated:03.07.2023).

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, Thiru. P.Balasubramanian has applied for Terms of Reference for the Proposed Rough Stone Quarry over an extent of 5.00.0Ha


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- at S.F.No. 679/2 (P) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
 3. Thiru. P.Balasubramanian S/o. K.Palanivelu, had been granted a quarry lease for rough stone over an extent of 5.00.0 hectares in Government land S.F.No.679/2 (Part-5) of Thorapalli Agraharam village of Hosur Taluk, Krishnagiri District under Tender Cum Auction System vide in the District Collector Krishnagiri Proceedings Roc. No.79/2008/Mines-2 dated 29.03.2008 for period of 10 years.
 4. The lease deed had been executed on 30.05.2008 and the lease period is 10 years from 30.05.2008 to 29.05.2018.
 5. Subsequently, due to the objection of the forest department, after issuing show cause notice and after conducting personal hearing and taken into consideration of the statement and records with the provisions of the rules the quarry lease granted in favour Thiru. P.Balasubramanian S/o. K.Palanivelu, was cancelled and it is ordered that the various fees remitted by the lessee to Government for obtaining the lease shall be proportionately returned to the applicant after obtaining suitable orders from the Government vide District Collector, Krishnagiri Proceedings in Roc.NO.407/2009/Mines-2 dated 13.09.2010.
 6. Aggrieved by the order, Thiru. P Balasubramanian has preferred first appeal before the Director of Geology and Mining, Chennai-32 and the same has been dismissed vide Proceedings Roc. No.10737/MM9/2010 dated 27.04.2012. He has again filed second appeal before the Government.
 7. Subsequently, the classification of the lands in S.F.No.678/2 over an extent of 115 acre and 680/2 over an extent of 205 acres of Thorapalli Agraharam village of Hosur Taluk Krishnagiri district had been changed from "Kadu" poramboke to "Kallankuthu".
 8. In view of the above precise area over an extent of 5.00.0 ha in Government land SF.No.679/2 (Part-5) of Thorapalli Agraharam Village of Hosur Taluk of Krishnagiri District is communicated to Thiru. P.Balasubramanian S/o.

K.Palanivelu for the proposed permission for Rough Stone Quarrying for a period of 8 years 10 Months 23 Days to compensate the loss of lease period due to forest objection and he is directed to submit the Approved Mining Plan, Approved by The Deputy Director of Geology and Mining, Krishnagiri, Environment Clearance and consent of the Tamil Nādu Pollution Control Board within the prescribed time limit.

9. A small portion of the area is worked in the southern portion of the lease (117m x 41 m x 11 m) for a total volume of 52767Cu.m which includes usable rock, weathered waste rock, top soil etc.,
10. The mining plan was approved by the Deputy Director of Geology and mining Krishnagiri vide ROC.No. 407/2009/Mines-2 dated:02.05.2023 stating that *"...It is informed that by considering the above facts, the mining plan approved on 06.04.2018 by the Deputy Director of Geology and mining, Krishnagiri for a period of 05 years will come into effect from the date of execution of lease deed which will be carried out only after the issuance of Environmental Clearance"*.
11. As per the mining plan the lease period is 8 years 10 Months 23 Days. The mining plan is for the period of first five years & production should not exceed 629886 m³ of Rough Stone with ultimate depth of mining 53.1m (21.1m above ground level and 32m below ground level).

Based on the presentation and documents furnished by the project proponent, SEAC decided to obtain following details from the PP.

1. The PP shall furnish a copy of the proceedings through which the land classification was changed from "Kadu Poramboke to kallankuthu" in accordance with the existing law.

On receipt of the above details, the SEAC would further deliberate on this project and decide the further course of action.

Hence, the Proponent is advised to submit the additional documents/information as sought above within the period of 30 days failing which your proposal will automatically get delisted from the PARIVRESH portal


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Agenda No: 395-05

(File No. 4755 /2017)

Existing Quartz and Feldspar Quarry over an extent of 24.09.0 Ha at S.F.No. 689 of Kumaravadi Village, Manaparai Taluk, Tiruchirapalli District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited - Environmental Clearance. (SIA/TN/MIN/35499/2015 Dt: 22.12.2015).

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. Tamil Nadu Minerals Limited has applied for Environmental Clearance for the Existing Quartz and Feldspar Quarry over an extent of 24.09.0 Ha at S.F.No. 689 of Kumaravadi Village, Manaparai Taluk, Tiruchirapalli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Mining lease was granted in G.O.(Ms) No.152, Industries (MMAI) Department, dated:08.08.2012 for 30 years.
4. Earlier, the SEIAA vide its Lr. No. SEIAA-TN/F.4755/2016/NGT Dt. 17.05.2017 has informed the PP to apply for EC under violation category to MOEF&CC as per the MoEF&CC Notification S.O.804 (E) dated 14.03.2017 regarding cases of violations.
5. Meanwhile the Hon'ble NGT(SZ) in its order dated 30.06.2020 in O.A.No.136 of 2017, in the case of Tamil Nadu Small Mine Owners Federation Vs the Secretary, MoEF&CC, Gol & others has pronounced as follows.
"...The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law".
6. Further, the SEIAA vide its Lr.No. SEIAA-TN/F.4755/2016 Dt.28.10.2020, has informed the PP to furnish certain additional details,

- The details of validity of Mining plan as approved by the competent


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Authority.

- Copy of approved scheme of mining in case of renewal.
- Letter stating that the quarry lease deed has not been cancelled or terminated and is subsisting as on date.
- Present status of operation of quarry.
- Details of abandoned/expired, existing and proposed quarries located within 500m radius of the quarry lease area in the prescribed format obtained from AD/DD of the Department of Geology and Mining.
- The latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.

7. So far, no reply has been received.

8. Hence, this proposal was placed in the 568th Authority meeting held on 09.11.2022. The Authority noted that the proponent has filed an application seeking EC through online PARIVESH. Hence the Authority, after detailed deliberations, decided to refer back the subject to SEAC.


Hence, the proposal was placed in this 395th Meeting of SEAC held on 27.07.2023. During the Committee meeting, the PP has requested the committee to not to process their application seeking EC vide proposal no. SIA/TN/MIN/35499/2015 Dt: 22.12.2015 and submitted the following,

- The applied area has been classified as RL by the Dist. Gazattee and hence it is not feasible for quarrying.
- The Project is not considered to be economically viable & technically feasible due to implication of FC Act,1980.
- Hence, the PP has requested the State Govt not to take any further action issue of any G.O. on the lease part.

Based on the presentation & documents furnished by the PP, the Committee decided to recommend to SEIAA to accept the request of the Project Proponent & not to process the application seeking EC vide proposal no. SIA/TN/MIN/35499/2015 Dt: 22.12.2015.

Agenda No: 395-06

(File No. 4405 /2017)


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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.

Agenda No: 395-07

(File No: 7100/2023)

Existing Multi Coloured Granite quarry over an extent of 2.02.5ha at S.F.No. 914/B1, 914/B2, 914/B3 & 916/B1 of Paganatham Village, Karur Taluk, Karur District, Tamil Nadu by Thiru. P. Velmani- For Environmental Clearance Extension. (SIA/TN/MIN/300864/2023, Dt.03.06.2023).

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 Thiru. P. Velmani has applied for Environmental Clearance Extension for Existing Multi Coloured Granite quarry over an extent of 2.02.5ha at S.F.No. 914/B1, 914/B2, 914/B3 & 916/B1 of Paganatham Village, Karur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral


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Projects" of the Schedule to the EIA Notification, 2006.

3. Earlier, EC was accorded to the proponent vide Lr.no.SEIAA-TN/F.No.7100/EC/1(a)/4109/2019 dated.11.12.2019 for the quantity of 10,800 cu.m of Multi Coloured Granite upto a depth of 8m for the period of 5 years from the date of execution of Mining lease period.

Based on the presentation made by the proponent, SEAC noted the following significant points:

- Letter No G.O.(3D) No. 1, Industries (MMB.2) Department, Dated: 09.01.2020 For the period of 20 years (09.01.2020 to 08.01.2040).
- The mining plan is for the period of first five years & the production should not exceed 27000m³ RoM (Recovery @ 40% - 10800m³ of Multi Coloured Granite and Granite waste @ 60% - 16200m³ with an ultimate depth of mining 8m Below ground level. The annual peak production 5400m³ (RoM) of Multi Coloured Granite.
- The MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*
- Hence, the validity of the EC issued earlier in 2019 is deemed to be valid upto 08.01.2026.
- OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (ii) states that...

"The Environment Clearances for which the project proponents have submitted the application for extension of validity as per the provisions of the EIA Notification 2006 as on the date of publication of Notification No. 12.04.2022



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shall stand automatically extended to respective increased validity as mentioned at Para no. 1 column (C) above."

SALIENT FEATURES OF THE PROJECT

Name of the Lessee: Thiru. P. Velmani		
Details of project site	S.F.Nos. 914/B1, 914/B2, 914/B3 and 916/B1 of Paganatham Village, Karur Taluk and District, Tamil Nadu, Extent 2.02.5 Ha	
Lease granted vide G.O. No	Letter No G.O.(3D) No. 1, Industries (MMB.2) Department, Dated: 09.01.2020 For the period of 20 years (09.01.2020 to 08.01.2040)	
Scheme of Mining plan (1st Scheme 2020-21 to 2024-25)	Approved by Commissioner, Department of Geology and Mining, Guindy, Chennai – 32, Letter No: Rc. No. 2652/MM2/2018, dated: 20.11.2018	
EC Validity Details	EC Obtained –11.12.2019 Valid up to – 08.01.2025 With COVID Extension – 08.01.2026(Attracts Clause – I As per 1807 Notification) Extension applied on – 03.06.2023	
EC Details (Total Excavation Volume of ROM, m³)	EC Granted quantity	Required quantity
	27,000m ³ (10,800m ³ of Granite @ 40% Recovery)	1,10,550m ³ of ROM (44,220m ³ of Granite @ 40% Recovery)
Geological resources – 1st SOM	1,62,000m ³ of ROM @ 40% Recovery 64,800 m ³	
Mineable Reserves – 1st SOM	1,10,550m ³ of ROM @ 40% Recovery 44,220m ³	
Estimated proposal given for the 1st Scheme of Mining plan	27,000m ³ of ROM 10,800m ³ of Granite @ 40% Recovery	
Peak Production	5,400m ³ of ROM	
Existing Depth	Pit: 253m (L) X 57m (W) X 23m (D)	
Depth of Estimation – 1st SOM	8m bgl	


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Ultimate Depth	23m bgl		
Estimated life of the mine	21 Years		
EMP Prepared for the peak production Capacity and life of the mine up to lease period 2040 for 5,400m ³ of ROM			
Date of Application made in PARIVESH	03.06.2023		
Applicability of OM F.No.IA3-22/28/2022-1A.III [E 181584] Dt.13.12.2022	Attracts Clause I EC Valid Upto: 08.01.2026		

EC EXTENSION COMPARATIVE TABLE

S.No	Details	Existing EC	Extension Sought
1	Validity of EC	Up to 08.01.2026 (Including COVID Extn)	For the lease period up to 08.01.2040
2	Total production ROM in m ³	27,000m ³ (EC Granted for the recovery of 10,800m ³)	83,550m ³ of ROM (33,420m ³ of Granite @ 40%Recovery)
3	Annual Peak Production in m ³	5,400m ³ of ROM	5,400m ³ ROM
4	Depth	8m bgl	23m bgl
5	Life of Project	21 years	21 years
6	Validity of Lease	09.01.2020 to 08.01.2040	Up to 08.01.2040
7	Validity of Approved Mining Plan	2020-21 to 2024-25	-
8	EMP for Life of Project	7.56 Lakhs	41.44 Lakhs
9	CCR from MOEF&CC IRO	-	-
10	Any other relevant details/information	Extension of EC Required for the peak production till the life of the mine	

During the meeting, the proponent stated that he had requested for an automatic extension as per the MoEF&CC notification dated 12.04.2022 and O.M dated 13.12.2022 and hence requested for the same.

SEAC noted that as per OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (ii) states that...


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“The Environment Clearances for which the project proponents have submitted the application for extension of validity as per the provisions of the EIA Notification 2006 as on the date of publication of Notification i.e., 12.04.2022 shall stand automatically extended to respective increased validity as mentioned at Para no. 1 column (C) above.”

Based on the presentation made by the proponent, the SEAC decided to recommend the request for obtaining the EC Extension with Annual Peak Production Capacity of 5,400m³ of ROM in accordance with the aforementioned OM issued by the MoEF& CC and also recommendations earlier made by the SEIAA dated: 11.12.2019.

Agenda No: 395-08


(File No: 9804/2023)

Proposed Construction of Non-High-Rise Building (Affordable Housing) comprising of 3 Blocks consists of 172 dwelling units, Playroom, SPA, Library & Gym at S.F Nos: 410/1 Part, Perumbakkam Panchayat, St. Thomas Mount Panchayat Union, Tambaram Taluk, Chengalpattu District, Tamil Nadu by M/s. Kamlesh Builders - Amendment in Environmental Clearance. (SIA/TN/MIS/301185/2022 Dt: 13.06.2023).

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


The SEAC noted the following:

1. The project proponent, M/s Kamlesh Builders, has applied for Amendment in earlier issued Environmental Clearance for Proposed Construction of Non-High-Rise Building (Affordable Housing) comprising of 3 Blocks consists of 172 dwelling units, Playroom, SPA, Library & Gym at S.F Nos: 410/1 Part, Perumbakkam Panchayat, St. Thomas Mount Panchayat Union, Tambaram Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 8(a) “building and Construction” of the Schedule to the EIA Notification, 2006, as amended.
3. Earlier EC obtained – Letter No. SEIAA-TN/F.No.9804/EC/8(a)/933/2023 dated:21.04.2023.
4. Now, the PP has applied for amendment for the following in the existing EC issued.


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Description	Earlier EC	Amendment sought for	Remarks
Company Name	Kamlesh Builders	Kamlesh Dagubbati	-
Project Name	Proposed Construction of Non-High-Rise Building (Affordable Housing) comprising of 3 Blocks consists of 172 dwelling units, playroom, SPA, Library & Gym – with total built up area – 20877.24sq.m	Proposed Construction of Non-Highrise Building (Affordable Housing) comprising of 3 Blocks consists of 172 dwelling units, playroom, SPA, Library & Gym – with total built up area – 21995sq.m	-
Built up area	20,877.24 sq.m	21,995 sq.m	These components viz sumps, OHT, LMR & Compound walls were already included in the earlier proposal. There is no change in the project cost, components & other parameters. As these components area added to built up area as per CMDA regulation, hence amendment sought.


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Based on the presentation & documents furnished by the PP, SEAC decided to recommend the above amendments in the Environmental Clearance. The remaining conditions stipulated vide EC Letter No. SEIAA-TN/F.No.9804/EC/8(a)/933/2023 dated:21.04.2023 will remain unaltered.

Agenda No: 395- 09

(File No: 10175 /2023)

Proposed Rough Stone Quarry over an extent of 11.77.0 Ha at S.F.Nos. 121/1A, 121/1B, 128/1, 128/2A, 128/2B, 128/2C & 128/2D, of Puliuram Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru A.C.Thangam , Director , M/s. Vishnusurya Project and Infra Private Limited - For Terms of Reference.


(SIA/TN/MIN/435200/2023, 30.06.2023)

The proposal was placed in this 395th meeting of SEAC held on 27.07.2023. The Project Proponent made a detailed presentation on the proposed project. 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, M/s. Vishnusurya Project and Infra private limited has applied for Terms of Reference for the Proposed Rough Stone Quarry over an extent of 11.77.0 Ha at S.F.Nos. 121/1A, 121/1B, 128/1, 128/2A, 128/2B, 128/2C & 128/2D, of Puliuram Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006 as amended.
3. Mine plan period is approved for 10 years. The approved production for 1st five -year period is 16,09,920 m³ of Rough stone & 2,07,998 m³ of Gravel and 2nd five-year period is 15,85,104 m³ of Rough stone for the ultimate depth of 54m (2m Gravel +4m weathered rock+ 48m Rough stone).

Based on the presentation and details furnished by the project proponent, SEAC decided to grant Terms of Reference (ToR) with Public Hearing, restricting the ultimate depth to 50m BGL and subject to the following ToRs, in addition to (i) the standard terms of reference for EIA study shown in Annexure-I and (ii) the Standard ToR for non-coal


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mining projects and details issued by the MoEF&CC to be included in EIA/EMP Report:


1. The Proponent shall justify the selection of the site for carrying out the stone quarrying with the total volume arrived for the excavation & production adequate details such as lithology of the deposit, reserve estimation, place for waste dump/mined mineral storage, end-use of mined materials, identified potential customers/end-users and travel path.
2. 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 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.
3. The PP shall submit a detailed hydrological report indicating the impact of proposed quarrying operations on the waterbodies like lake, water tanks, etc located within 1 km of the proposed quarry.
4. The Proponent shall carry out Bio diversity study through Department of Ecology and Environmental Sciences, Pondicherry University and the same shall be included in EIA Report.
5. 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.

Agenda No: 395- 10

(File No: 10175 /2023)

Proposed Rough Stone quarry over an extent of 5.00.0 Ha of Government land in S.F.Nos. 679/2 (Part-3), of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. Thirveni Earthmovers Private Limited - For Terms of Reference. (SIA/TN/MIN/435200/2023, 30.06.2023)

The proposal was placed in this 395th meeting of SEAC held on 27.07.2023. The Project Proponent made a detailed presentation on the proposed project. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in).


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The SEAC noted the following:

1. The Project Proponent, M/s. Thirveni Earthmovers Pvt. Ltd., has applied for Terms of Reference for the proposed Rough Stone quarry over an extent of 5.00.0 Ha of Government land in S.F.Nos. 679/2 (Part-3) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006 as amended.
3. Mine plan period is approved for 5 years. The approved production for is 9,65,055 m³ of Rough stone for the ultimate depth of 70.2m.

Based on the presentation and details furnished by the project proponent, SEAC decided to call for the following additional details from the PP:

- The PP shall furnish the copy of change in land use classification from Kadu Porampoke to Kallankuthu Porampok in accordance with the existing law.

On receipt of the details sought above, the SEAC will deliberate further and decide on future course of action.

Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.

Agenda No: 395- 11

(File No: 3888 /2023)

Existing Black Granite over an extent of 20.28.0 Ha S.F.No. 170/1, Siruvalai Village, Villuppuram Taluk, Villuppuram District, Tamil Nadu by M/s.Tamil Nadu Minerals Limited - For Terms of Reference under violation category.

(SIA/TN/MIN/435461/2023, 30.06.2023)

The proposal was placed in this 395th meeting of SEAC held on 27.07.2023. The Project Proponent made a detailed presentation on the proposed project. 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, M/s. Tamil Nadu Minerals Limited has applied seeking Terms of Reference under violation category for EIA study for the Existing Black


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Granite over an extent of 20.28.0 Ha S.F.No. 170/1, Siruvalai Village, Villuppuram Taluk, Villuppuram District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006 as amended.

Based on the presentation and details furnished by the project proponent, SEAC decided to grant Terms of Reference (ToR) with Public Hearing, restricting the ultimate working depth to 50m BGL and subject to the following ToRs, in addition to (i) the standard terms of reference for EIA study shown in Annexure-I and (ii) the Standard ToR for non-coal mining projects and details issued by the MoEF&CC to be included in EIA/EMP Report:

1. The PP shall furnish a comprehensive report based on the scientific studies carried out to assess the hydrogeological condition of the proposed quarry site and implication due to the quarrying activities, by involving any one of the reputed Research and Academic Institutions –
 - (i) CSIR-Central Institute of Mining & Fuel Research (CIMFR), Dhanbad,
 - (ii) National Institute of Rock Mechanics (NIRM), Bangalore,
 - (iii) Division of Geotechnical Engineering-IIT-Madras,
 - (iv) Dept of Mining Engg, National Institute of Technology (NITK), Surathkal,
 - (v) University of Madras – Centre for Environmental Sciences, Guindy Campus and
 - (vi) Anna University Chennai-Dept of Geology, CEG Campus.
2. The PP shall provide the detailed information on implications due to the existence of Poultry farms and structures located within a radial distance of 1 km.
3. The PP shall provide the implications due to this unsymmetrical nature of this project, highly fragmented & non-contiguous in nature, on the existing two villages & Patta land located nearby and prepare a conceptual plan on systematic & scientific way of quarrying along with the required mitigation measures through adopting a 'Quarry Management System' for this project by involving any one of these reputed Research and Academic Institutions –


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- (i) CSIR-Central Institute of Mining & Fuel Research (CIMFR), Dhanbad,
- (ii) National Institute of Rock Mechanics (NIRM), Bangalore,
- (iii) Division of Geotechnical Engineering-IIT-Madras,
- (iv) Dept of Mining Engg, National Institute of Technology (NITK), Surathkal, and
- (v) Dept of Mining Engineering, CEG Campus, Anna University, Chennai.

4. The PP shall prepare a plan for installing a garland drainage around the periphery of the lease of proposed quarry.

Agenda No: 367-12

(File No: 4049/2022)

Existing Colour Granite quarry lease over an extent of 10.12.0 Ha S.F.Nos.120(P) Naganur Village, Kulithalai Taluk, Karur District, Tamil Nadu by M/s Tamil Nadu Minerals Ltd., - For amendment to Environmental Clearance.

(SIA/TN/MIN/ 276355/2022 Dt: 3.6.2022)

The proposal was earlier placed in the 291st meeting of SEAC held on 02.07.2022. 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. In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area;'
2. The project proponent has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 4049/1(a)/EC. No.3886/2016 Dt. 14.11.2016 for the production of 1211 m³/annum of Multi Coloured Granite & 10901 m³/annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.
3. Now, the project proponent has applied for amendment in the existing EC issued


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for the following.

Production quantity as per EC	Amendment Sought
1211 m ³ /annum of Multi Coloured Granite & 10901 m ³ /annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.	121913m ³ of RoM per Annum

The PP also furnished the following

1. The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
2. The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
3. The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
4. In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
5. Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
6. It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
7. Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.


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8. In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMILNADU (or) the State Government and also it is also not helping to protect the environment.
9. Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
10. It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.


SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the project proponent. SEAC noted the following.

1. Project proponent has requested the following amendment.

Production qty as per EC	Amendment Sought
1211 m ³ /annum of Multi Coloured Granite & 10901 m ³ /annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.	121913m ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the project proponent has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the SEAC recommends the following amendment to the EC


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subject to the certain conditions.

Production qty as per EC	Amendment Recommended
1211 m ³ /annum of Multi Coloured Granite & 10901 m ³ /annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.	121913m ³ of peak RoM per Annum.

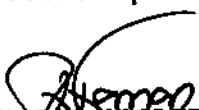
Subsequently the subject was placed before SEIAA in its 536th meeting held on 26.07.2022. The Authority noted that as per the approved mining plan/progressive closure plan submitted & as per the Point no. 31 (Storage of overburden, waste rock etc) of Chapter-VI of Granite Conservation & Development Rules, 1999,

- I. The overburden, waste rock and non-saleable granite generated during prospecting or mining operations for granite shall be stored separately in properly formed dumps on grounds earmarked.
- II. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
- III. Wherever possible, such waste rock or overburden or other rejects, shall be backfilled into the worked-out granite quarry, where granite has been recovered upto the optimum depth, with a view to restore the land to its original use or desired alternate use, as far as possible and where the backfilling is not feasible, the waste dumps shall be suitable terraced and stabilised by planting vegetation or otherwise.

As per the Point no. 32 (Reclamation and Rehabilitation of lands) of Chapter-VI of Granite Conservation & Development Rules, 1999,

“Every lease holder shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by prospecting or mining operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry”.

The Authority after detailed discussions, decided to refer back the proposal to SEAC for specific recommendation with justification for grant of Environmental clearance on the quantity of mineable mineral in terms of ROM quantity instead of Production quantity after the receipt of following details from the project proponent.


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- I. The proponent shall submit the details of utilization of total quantity of granite Waste till the life of the quarry period for beneficial purpose.
- II. The proponent shall submit revised progressive mine closure & rehabilitation plan.
- III. To furnish approval obtained from the competent authority details of utilization of quantity of granite Waste for beneficial purpose as per market trend and revised progressive mine closure & rehabilitation plan proposed quarry pits till the life of the quarry period.
- IV. Long term and short term ecological and environmental impacts due to storage, handling, and transportation of granite waste for beneficial purpose (or) otherwise.
- V. AD/Competent authority of Geology & Mining Dept. justification for according permission in terms of ROM quantity instead of production quantity.
- VI. Can waste and such tailings be used for land back fills?
- VII. Mine closure plans and EMP in detail. How can the granite mine site be reclaimed to near natural and pre-mining condition?
- VIII. Action plan for protection of open and abandoned open spots as they are Hotspot for toxic water accumulation, contamination and accidents.
- IX. On impact due to transportation of the granite waste on the access road and the equipment, and social impacts.

Further the Proponent shall furnish the following additional particulars:

1. Certified compliance report for the existing quarry.
2. Valid scheme of mining stating the required product.

Hence the proposal was placed for reappraisal in this 304th meeting of SEAC held on 21.08.2022. The Project proponent furnished the clarifications for the points raised by SEIAA as given below:

1. As per the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016, the term 'run-of-mine' (RoM) is defined as "*the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area*", this includes the saleable ore mined after the processing.


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intercalated waste and mineral rejects/subgrade mineral.

2. The quantity of 'recovered saleable ore' depends on many factors such as the geology of the site, physical & geomechanical properties of the rock, quarrying technology, market demand etc. Further, the 'Recovery' is difficult to be estimated always precisely due to poor density & thickness of the granite, poor porosity, Visual appearance where it is being observed with dings, dents, scratches or uneven surfaces and however the RoM can easily be quantified at the time of preparation of mining plan.
3. The PP have informed that the 'Total Excavation' including ROM ore from which saleable fraction is produced are taken into consideration from the view point of economic viability of project during the approval of Mining Plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM which includes the Recovery (Ore), and mineral waste, and the overburden/side burden waste were mentioned.
5. The EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'meagre quantity of saleable ore'.
6. Further it is pragmatic to consider total rock excavation from the point of view of Environmental Clearance, rather than production of saleable fraction of ore (or) the RoM (the extracted material from ore zone inclusive of mineral reject, intercalated waste or gangue minerals, if any).
7. During the approval of Mining Plan, the total excavation including RoM ore from which saleable fraction is produced are taken into consideration.
8. It is also clarified that total rock excavation may differ to generate same amount of RoM on year-to-year basis.
9. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.
10. By allowing the mineral rejects to be moved out from the leasehold area, the pollution caused due to excessive storage of mineral rejects (Granite rejects obtained from ROM) is reduced considerably. Besides, as per Rule

64B (2), if the Run-of-Mine is removed from the leased area, then royalty shall be payable on the unprocessed Run-of-Mine (ROM) mineral depending on its grade.

11. The PP has informed the entire quarrying operation will be carried out in accordance with the provisions of the Granite Conservation & Development Rules, 1999,

However, based on the additional particulars furnished by the Project proponent, SEAC have noted that the PP has not furnished certified compliance report issued by MoEF&CC (or) TNPCB for its existing EC issued. Hence it is decided to call for the following details from the PP.

The PP shall furnish the certified compliance report issued by MoEF&CC (or) TNPCB for its existing EC issued.

Simultaneously, the subject was placed in the 536th meeting of Authority held on 26.07.2022. The Authority noted that as per the approved mining plan/progressive closure plan submitted & as per the Point no. 31 (Storage of overburden, waste rock etc) of Chapter-VI of Granite Conservation & Development Rules, 1999,

- i) The overburden, waste rock and non-saleable granite generated during prospecting or mining operations for granite shall be stored separately in properly formed dumps on grounds earmarked.
- ii) Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
- iii) Wherever possible, such waste rock or overburden or other rejects, shall be backfilled into the worked out granite quarry, where granite has been recovered upto the optimum depth, with a view to restore the land to its original use or desired alternate use, as far as possible and where the backfilling is not feasible, the waste dumps shall be suitable terraced and stabilised by planting vegetation or otherwise.

As per the Point no. 32 (Reclamation and Rehabilitation of lands) of Chapter-VI of Granite Conservation & Development Rules, 1999,

"Every lease holder shall undertake in a phased manner restoration, reclamation

and rehabilitation of lands affected by prospecting or mining operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry”.

The Authority after detailed discussions, decided to refer back the proposal to SEAC for specific recommendation with justification for grant of Environmental clearance on the quantity of mineable mineral in terms of ROM quantity instead of Production quantity after the receipt of following details from the project proponent.

- i) The proponent shall submit the details of utilization of total quantity of granite Waste till the life of the quarry period for beneficial purpose.
- ii) The proponent shall submit revised progressive mine closure & rehabilitation plan.
- iii) To furnish approval obtained from the competent authority details of utilization of quantity of granite Waste for beneficial purpose as per market trend and revised progressive mine closure & rehabilitation plan proposed quarry pits till the life of the quarry period.
- iv) Long term and short term ecological and environmental impacts due to storage, handling, and transportation of granite waste for beneficial purpose (or) otherwise.
- v) AD/Competent authority of Geology & Mining Dept. justification for according permission interms of ROM quantity instead of production quantity.
- vi) Can waste and such tailings be used for land back fills?
- vii) Mine closure plans and EMP in detail. How can the granite mine site be reclaimed to near natural and pre-mining condition?
- viii) Action plan for protection of open and abandoned open spots as they are Hotspot for toxic water accumulation, contamination and accidents.
- ix) On impact due to transportation of the granite waste on the access road and the equipment, and social impacts.

Further the Proponent shall furnish the following additional particulars:

1. Certified compliance report for the existing quarry.


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2. Valid scheme of mining stating the required product.

Subsequently the proposal was placed in this 367th meeting of SEAC held on 31.03.2023. The proponent requested the Committee to grant additional time to submit the certified compliance report. The SEAC accepted the request and decided to defer the subject to a later date.

The PP submitted the details sought vide letter dated 22.05.2023 and hence the subject was taken up for discussion in this 395th meeting of SEAC held on 27.07.2023.


The PP made a detailed presentation of the amendment sought. The SEAC noted that,

Details of approved Mining plan:

Sl No	Year	Proposed Production quantity in m ³ as per EC [EC valid up to 26.01.2025]		
		RoM	Production [10%]	Granite rejects
1.	2015-2016	12,191	1219	10,972
2.	2016-2017	12,034	1203	10,831
3.	2017-2018	12,100	1210	10,890
4.	2018-2019	10,106	1011	9,095
5.	2019-2020	12,113	1211	10,902
Total		58,544	5854	52,690
Scheme of Mining –II Deemed approval.				

EC Amendment sought in EC:

Proposed Production quantity in m ³ Amendment sought in EC
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Sl. No	Year	RoM	Production [25%]	Granite rejects
1.	2020-2021	Nil	Nil	Nil
2.	2021-2022	500.340 (Actual)	125.085	375.255 (Actual)
3.	2022-2023	12,100	3,025	9,075
4.	2023-2024	10,106	2,527	7,579
5.	2024 -2025 26.01.2025 (Up to Lease period)	12,112	3,028	9,084
Total		34,818.340	8705.085	26113.255
Approved Modified Scheme of Mining –III Rc.No.4326/MM2/2023, dt.10.07.2023.				

Based on the presentation & documents furnished by the PP, SEAC decided to recommend for the grant of aforesaid amendment to the Environmental Clearance. All the other conditions stipulated in the EC Lr. No. SEIAA-TN/F.No. 4049/1(a)/EC. No.3886/2016 Dt. 14.11.2016 remain unaltered.

Agenda No: 395-13

(File No: 6723/2018)

Recommendations for releasing the Bank guarantee for the value of Rs 114.62 Lacs (0.5% of the Project cost) remitted towards Ecological remediation, Natural resources Augmentation and Community resources Augmentation under EIA Notifications dated 14.3.2017 & 08.03.2018 (violation category) for the existing commercial complex at S.F.Nos.31, 32, 34/1, 35 & 37 of Padi Village, Ambattur Taluk, Tiruvallur District Tamil Nadu by Mr. Y. Pondurai without obtaining prior Environmental Clearance.


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(SIA/TN/MIN/175754/2018, dated: 28.03.2018)

The Project proponent's letter dated 20.06.2023 was placed in this 395th meeting of SEAC held on 27.07.2023. 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. Environmental Clearance under violation category was issued for the existing commercial complex at S.F.Nos.31, 32, 34/1, 35 & 37 of Padi Village, Ambattur Taluk, Tiruvallur District Tamil Nadu by Mr.Y.Pondurai vide T.O. Lr. No. SEIAA-TN/F.No.6723/EC/8(a)/879/2022 dated 01.11.2022 subject to the conditions stated therein inter alia the following:

- The amount prescribed for Ecological remediation (Rs.74.13 Lakh), natural resource augmentation (Rs.29.65 Lakh) & community resource augmentation (Rs.44.48 Lakh), totaling Rs. 148.25 Lakh shall be remitted in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
- The project Proponent shall carry out the works assigned under ecological damage, Natural resource augmentation and community resource augmentation within a period of one year as committed. If not, the bank guarantee will be forfeited to TNPCB without further notice.

Now the Proponent vide letter dated 20.06.2023 has reported the following:

As part of violation EC requirements, I have submitted Bank Guarantee to TNPCB for Rs.1.48.25.000 vide Bank Guarantee No. 0350NDDG00003222 dated 05.10.2021 (Amended on 22.11.2022) towards Ecological Remediation Plan (ERP), Natural Resource Augmentation Plan (NRAP) & Community Resource Augmentation Plan (CRAP). Now I would like to inform you that I have successfully implemented ERP, NRAP & CRAP as recommended by SEIAA and in this regard I have also obtained certified compliance report (CCR) from


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MoEF&CC. Now I would like to release my submitted Bank guarantee from TNPCB. Hence, I request you to issue recommendation letter for the release of above said Bank Guarantee from TNPCB.

2. CCR Ref.No. E.P. /12.1/2023-24/SEIAA/12/TN/733 dated 15.06.2023

In the CCR, it is reported that the expenditure statement and bills of the funds spent towards Ecological Remediation Plan (ERP), Natural Resource Augmentation Plan (NRAP) & Community Resource Augmentation Plan (CRAP) were produced by the Project Proponent during the inspection of the project site on 17.05.2023 and the works carried out were verified during the site inspection.

The Committee after detailed discussions, decided to recommend to SEIAA to accept the request of the Proponent to release the Bank Guarantee submitted to TNPCB, as the PP has fulfilled all conditions.

Agenda No: 395- 14


(File No: 976 /2023)


Extension of validity of Environmental Clearance issued for the construction of residential buildings in the name and style of M/s. Smart Value Homes Limited at S.F.Nos. 76B/1,77/1, 77/2A,78/1A,78/2,78/5,78/8A,79,80/1,80/2A,81A/9,81A/10 of Keezhakottaiyur Village and S.F.Nos. 131/1A, 131/1B of Mambakkam Village, Tiruporur Taluk, Kancheepuram District, Tamil Nadu by M/s. Tata Value Homes Limited.

(SIA/TN/MIS/299841/2023, 04.05.2023)

The proposal was placed in this 395th meeting of SEAC held on 27.07.2023. The Project Proponent made a detailed presentation on the proposed project. 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, M/s. Tata Value Homes Limited has applied seeking extension of Environmental Clearance issued for the construction of residential buildings in the name and style of M/s. Smart Value Homes Limited at S.F.Nos. 76B/1,77/1, 77/2A, 78/1A, 78/2, 78/5, 78/8A, 79, 80/1, 80/2A, 81A/9, 81A/10 of Keezhakottaiyur Village and S.F.Nos. 131/1A, 131/1B of Mambakkam Village, Tiruporur Taluk, Kancheepuram District, Tamil Nadu.
2. The project activity is covered under Schedule B Category 8(b) Building and


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Construction projects” of the Schedule to the EIA Notification, 2006 as amended.

3. EC Letter No. SEIAA/TN/F.976/EC/8(b)/220/2013 dated: 28.09.2013
4. Amendment & Extension Lr No. SEIAA-TN/T.976/EC/8(b)/220/EC-Ext/Amend/2013 dated 23.11.2020, extended for a further period of 2 years i.e 27.09.2022
5. Now the proponent has applied online through PARIVESH web portal vide Proposal No. SIA/TN/MIS/299841/2023, Dated. 04.05.2023 for the extension of validity of EC for 2 years till September 2025.
6. The proponent had cited the reasons of the outbreak of the Coronavirus (covid-19) and subsequent lockdowns which had put the construction activity on hold and they were unable to proceed further to complete the construction activity in time.

In the MoEF&CC Notification S.O. 221(E), dated the 18th January, 2021, it is stated that *“.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearance granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental granted shall be treated as valid....”*.

7. As per MoEF&CC Notification S.O. 1141(E), dated the 29th April 2015, the validity period of EC for 8(b) shall be limited only to such activities as may be the responsibility of the applicant as a developer and may be extended by the regulatory authority concerned by a maximum period of seven years if an application is made to the regulatory authority by the applicant within the validity period, together with an updated Form I, and Supplementary Form IA, for Construction projects or activities (item 8 of the Schedule).

It is further stated that,


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“(ii) In the case of Area Development projects and Townships [item 8 (b), the validity period shall be limited only to such activities as may be the responsibility of the applicant as a developer:

Provided that this period of validity may be extended by the regulatory authority concerned by a maximum period of seven years if an application is made to the regulatory authority by the applicant within the validity period, together with an updated Form I, and Supplementary Form IA, for Construction projects or activities (item 8 of the Schedule):

Provided further that the regulatory authority may also consult the Expert Appraisal Committee or State Level Expert Appraisal Committee, as the case may be, for grant of such extension.

(iii) Where the application for extension under sub-paragraph (ii) has been filed-

a) within one month after the validity period of EC, such cases shall be referred to concerned Expert Appraisal Committee (EAC) or State Level Expert Appraisal committee (SEAC) and based on their recommendations, the delay shall be condoned at the level of the Joint Secretary in the Ministry of Environment, Forest and Climate Change or Member Secretary, SEIAA, as the case may be;

b) more than one month after the validity period of EC but less than three months after such validity period, then, based on the recommendations of the EAC or the SEAC, the delay shall be condoned with the approval of the Minister in charge of Environment Forest and Climate Change or Chairman, as the case may be:

Provided that no condonation for delay shall be granted for any application for extension filed 90 days after the validity period of EC.”

8. As per MoEF&CC Notification S.O. 1807(E), dated the 22nd April 2022, the validity period of EC for projects other than River Valley, Nuclear and Mining Projects, the increased validity is 10 years and further extendable for one year.

9. As per MoEF&CC O. M dated 13th December 2022.

- i. The validity of the Environmental Clearances, which had not expired as on the date of publication of Notification i.e. 12/04/2022, shall stand automatically extended to respective increased validity as mentioned at para no. 1 column (C) above:

*Provided that the period of validity of Environmental Clearance with respect to the type of Projects and Activities listed at Para 1 above may be extended in respect of valid Environmental Clearance, by the regulatory authority concerned, by a maximum period of years as indicated at Para No. 1 Column (D) above, if an application is made in the laid down proforma to the regulatory authority by the applicant as per the provisions of EIA Notification 2006:
Provided further that the regulatory authority may also consult the concerned Expert Appraisal Committee before grant of such extension.*

Hence, the SEAC, after detailed discussions, decided to confirm that the Environmental Clearance issued is valid up to 27.09.2025 as per the aforesaid MoEF Notifications dated 18.01.2021 and 22.04.2022 subject to the following conditions. All the other conditions stipulated in the EC Letter No. SEIAA/TN/F.976/EC/8(b)/220/2013 dated: 28.09.2013 and Amendment & Extension Lr No. SEIAA-TN/T.976/EC/8(b)/220/EC-Ext/Amend/2013 dated 23.11.2020 remain unaltered.

- 1) As accepted by the Project Proponent the CER cost is Rs. 182.92 lakh and the amount shall be spent for the committed activities at Village Government Schools tabulated below before obtaining CTO from TNPCB.

S. No	CER Activities	Amount (in Lakhs) 2024-25
1.	Mambakkam Government Higher School <ul style="list-style-type: none">• Painting of entire school• Sanitation facility & drinking water plant• Library & Solar lighting• Sanitary napkin incinerator	60

	<ul style="list-style-type: none"> • Construction of hand washing system • Avenue Plantation along the school boundary 	
2.	<p>Government Adi Dravidar Secondary School, Melakottiyur</p> <ul style="list-style-type: none"> • Painting of entire school • Sanitation facility & drinking water plant • Library & Solar lighting • Sanitary napkin incinerator • Construction of hand washing system • Avenue Plantation along the school boundary 	60
3	<p>Government Hr.Sec.School, Kandigai</p> <ul style="list-style-type: none"> • Painting of entire school • Sanitation facility & drinking water plant • Library & Solar lighting • Sanitary napkin incinerator • Construction of hand washing system • Avenue Plantation along the school boundary 	62.92
Total		Rs.182.92 Lakh

Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.

3. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
10. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.

11. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
12. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

Agenda No: 395- 15


(File No: 8837/2023)


Proposed Construction of IT/ITES Office Buildings at S.No.14 Part, 24 Part, T.S.No.14, Block No.18, Ward-G, Athipet Village, Ambattur Taluk, Chennai District, Tamil Nadu by M/s. ICMC Property Management (India) Private Limited - Amendment to Environmental Clearance. (SIA/TN/MIS/301483/2023 Dt. 23.06.2023)

The proposal was placed in this 395th meeting of SEAC held on 27.07.2023. The Project Proponent made a detailed presentation on the proposed project. 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, M/s. ICMC Property Management (India) Private Limited has obtained Environmental Clearance vide EC Letter No. T.O. EC. Lr. No. SEIAA-TN/F.No. 8837/EC/8(a)/820/2021 dated 13.04.2022 for the Proposed Construction of Construction of IT/ITES Office Buildings at S.No.14 Part, 24 Part, T.S.No.14, Block No.18, Ward-G, Athipet Village, Ambattur Taluk, Chennai District, Tamil Nadu, comprising of lower & upper basement floors + ground part IT/ITES office and parking + first floor part IT/ITES office and parking + 2 to 12 floors IT/ITES office building 4 Blocks covered with Stilt +5 floors with total Built up area of 31959.87 Sq.m and total land area of 6046 Sq.m.
2. Now the PP has applied seeking amendment to EC for change in beneficiary.
As per existing EC.

S. No	CER Activity	Capital cost Allocation (in Lakhs)


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1	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government School, Mannurpet – 1.50 km, NE	35
2	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water. Hygienic Toilets facilities, furniture & napkin incinerators for Govt Higher Secondary School, Ayanambakkam – 1.52 km. SW	35
3	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water. Hygienic Toilets facilities, furniture & napkin incinerators for Government Higher Secondary School, Mogaapair West – 1.58 km, SE	35
4	Provision of infrastructure and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government primary school -Ayanambakkam – 1.81 km, SW	35
5	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Villivakkam Panchayat Union Primary School, Sector 8, 5 th Block, Mogappair West.	5
6	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government middle school, Sector 5, Mogappair West.	5

7	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government middle school, Sector 6, Mogappair West.	5
8	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government middle school, Sector 7, Mogappair West.	5
9	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government middle school, Sector 8, Mogappair West.	5
10	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government middle school, Sector 9, Mogappair West.	5
11	Provision of infrastructure and greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin incinerators for Government Higher Secondary School, Mogappair West.	30
Total Cost Allocation		200

The Amendment sought is,

Description	Amendment sought & recommended
Details of CER	Rs 200 Lakh to Greater Chennai Corporation to install one set of Dialysis Equipment each to any two Government Urban Health Centres.


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Based on the presentation & documents furnished by the PP, SEAC decided to recommend for the grant of the aforesaid amendment to the Environmental Clearance. All the other conditions stipulated in the EC Letter No. T.O. EC. Lr. No. SEIAA-TN/F.No. 8837/EC/8(a)/820/2021 dated 13.04.2022 remain unaltered.

Agenda No: 395 - 16

(File No: 10188/2023)

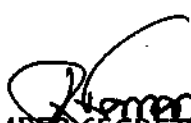
Proposed Rough Stone quarry lease area over an extent of Extent 5.00.0 Ha at S.F. No. 679/2 (Part-4) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. Thriveni Earth Movers Private Limited - For Terms of Reference.

(SIA/TN/MIN/435645/2023, Dated: 05.07.2023)

The proposal was placed in 395th SEAC meeting held on 27.07.2023. 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. Thriveni Earth Movers Private Limited has applied for Terms of Reference for the Proposed Rough Stone quarry lease area over an extent of Extent 5.00.0 Ha at S.F. No. 679/2 (Part-4) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri 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. M/s Thriveni Earth Movers Pvt. Ltd, had been granted a quarry lease for rough stone over an extent of 5.00.0 hectares in Government land S.F.No679/2 (Part-4) of Thorapalli Agraharam village of Hosur Taluk, Krishnagiri District under Tender Cum Auction System vide in the District Collector Krishnagiri Proceedings Roc. No.78/2008/Mines-2 dated 29.03.2008 for period of 10 years.
4. The lease deed had been executed on 29.05.2008 and the lease period is 10 years from 29.05.2008 to 28.05.2018.
5. Subsequently, due to the objection of the forest department, after issuing show cause notice and after conducting personal hearing and taken into consideration of the statement and records with the provisions of the rules the quarry lease granted in favour M/s Thriveni Earth Movers Pvt. Ltd, was cancelled and it is ordered that the various fees remitted by the lessee to Government for obtaining


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the lease shall be proportionately returned to the applicant after obtaining suitable orders from the Government vide District Collector. Krishnagiri Proceedings in Roc.NO.403/2009/Mines-2 dated 13.09.2010.

6. Aggrieved by the order, the company has preferred first appeal before the Director of Geology and Mining, Chennai-32 and the same has been dismissed vide Proceedings Roc. No.10737/MM9/2010 dated 27.04.2012. The company has again filed second appeal before the Government.
7. Subsequently, the classification of the lands in S.F.No.679/2 over an extent of 115 acre and 680/2 over an extent of 205 acres of Thorapalli Agraharam village of Hosur Taluk Krishnagiri district had been changed from "Kadu" poramboke to "Kallankuthu".
8. In the G.O.(D) No.223 Ind. (MMCI) Department dated: 28.12.2017 filed the appeal petition filed by M/s Thriveni Earth Movers Pvt. Ltd., Salem, has been due to the reclassification of the land and the District Collector Krishnagiri has been directed to restore the lease granted to the appellant for quarrying rough stone over an extent of 5.00.0 hec. In Government land "Kadu" poramboke presently classified as "Kallankuthu" poramboke in S.F.No. 679/2 (Part-4) of Thorapalli Agraharam village of Hosur Taluk Krishnagiri District.
9. In view of the above precise area over an extent of 5.00.0 ha in Government land SF.No.679/2 (Part-4) of Thorapalli Agraharam Village of Hosur Taluk of Krishnagiri District is communicated to M/s Thriveni Earth Movers Pvt. Ltd for the proposed permission for Rough Stone Quarrying for a period of 8 years 10 Months 23 Days to compensate the loss of lease period due to forest objection and he is directed to submit the Approved Mining Plan, Approved by The Deputy Director of Geology and Mining, Krishnagiri. Environment Clearance and consent of the Tamil Nādu Pollution Control Board within the prescribed time limit.
10. A small portion of the area is worked in the southern portion of the lease (110m x 77 mx 7 m) for a total volume of 59290Cu.m which includes usable rock, weathered waste rock, top soil etc.,
11. The mining plan was approved by the Deputy Director of Geology and mining

Krishnagiri vide ROC.No. 403/2009/Mines-1 dated:020.05.2023 stating that "...It is informed that by considering the above facts, the mining plan approved on 06.04.2018 by the Deputy Director of Geology and mining, Krishnagiri for a period of 05 years will come into effect from the date of execution of lease deed which will be carried out only after the issuance of Environmental Clearance".

12. As per mining plan, the lease period is for 10 years. The mining plan is for 10 years & production should not exceed 9,63,404m³ of Rough Stone. The annual peak production 2,03,771m³ of Rough Stone. The ultimate depth of mining is 64.4m (34.4m AGL + 30m BGL).

Now, the proposal was placed in the 395th Meeting of SEAC held on 27.07.2023.

Based on the presentation and details furnished by the project proponent, SEAC decided to call for the following additional details from the PP:

- The PP shall furnish the copy of change in land use classification from Kadu Porampoke to Kallankuthu Porampok in accordance with the existing law.

On receipt of the details sought above, the SEAC will deliberate further and decide on future course of action.

Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal

Agenda No: 395 - 17

(File No: 3126/2023)


Proposed Amendment for the Construction of Multistoried residential housing project by M/s. Central Government Employees Welfare Housing Organization at S.F. No. 472, 474/1B, etc of Paruthipattu Village, Poonamallee Taluk, Thiruvallur District, Tamil Nadu - For Amendment for the earlier issued Environmental Clearance.

(SIA/TN/MIN/300543/2023, Dated: 24.05.2023)

The proposal was placed in 395th SEAC meeting held on 27.07.2023. 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. Central Government Employees Welfare Housing Organization has applied for Amendment for the earlier issued


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Environmental Clearance for the earlier issued EC for the Construction of Multi storied residential housing project by M/s. Central Government Employees Welfare Housing Organization at S.F. No. 472, 474/1B, etc of Paruthipattu Village, Poonamallee Taluk, Thiruvallur District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Constructions Project" of the Schedule to the EIA Notification, 2006.

Now, the proposal was placed in the 395th Meeting of SEAC held on 27.07.2023. Neither the PP nor the EIA coordinator was present for the meeting. Hence, the committee decided to defer the proposal.

Agenda No: 395-18

(File No.10177/2023)

Proposed Rough Stone and Gravel Quarry lease over an extent of 1.19.50 Ha (Patta Land) in S.F.Nos. 302/1A, 303/2A1, 303/2A2B (P) & 302/1B at Poomalur Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru, P. Senniyappan, – For Terms of Reference. (SIA/TN/MIN/434911/2023, dated:28.06.2023)

The proposal was placed in the 395th meeting of SEAC held on 27.07.2023. 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, P. Senniyappan, has applied for Terms of Reference for the Proposed Rough Stone and Gravel Quarry lease over an extent of 1.19.50 Ha (Patta Land) in S.F.Nos. 302/1A, 303/2A1, 303/2A2B (P) & 302/1B at Poomalur Village, Palladam Taluk, Tiruppur 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. Earlier, the project proponent has obtained EC from DEIAA vide Lr.No.DEIAA-TPR/F.No.601/2(VIII)/2017 Dated.08.03.2018. The EC was accorded for a quantity of 21,689m³ of rough stone upto the depth of 28m below ground level.
4. Now, based on MoEF&CC O.M dated.24.04.2023, the proponent has submitted the application at SEIAA-TN for re-appraisal of EC granted by DEIAA.


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Based on the presentation made by the proponent, SEAC decided to recommend the proposal for Terms of Reference (TOR) with Public Hearing subject to the following additional TORs & ToRs in Annexure of this minutes, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The proponent shall give an Affidavit before the issuance of ToR from SEIAA-TN stating that the mining operations will remain suspended till they obtain the EC granted by the SEIAA after the reappraisal process as per MoEF & CC OM F.No. IA3-22/11/2023-IA.III (E-208230), dated. 28.04.2023.
2. For the existing quarry, the PP shall obtain a letter from the concerned AD (Mines) which include the following information:
 - i. Original pit dimension of the existing quarry
 - 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 carried out, if any
 - vi. Non-compliance/Violation in the quarry during the past working.
 - vii. Quantity of material mined out outside the mine lease area (or) in the adjacent quarry/land.
 - viii. Existing condition of Safety zone/benches
 - ix. Details of any penalties levied on the PP for any violation in the quarry operation
3. The project proponent shall submit a Certified Compliance Report as per the MoEF&CC O.M dated.08.06.2022 for the previous EC obtained from DEIAA.
4. The Project Proponent shall furnish the revised EMP based on the study carried out on impact of the dust & other environmental impacts due to proposed quarrying operations on the nearby agricultural lands for remaining life of the mine in the format prescribed by the SEAC considering the cluster situation.
5. The PP shall carry out the scientific studies to assess the slope stability of the working benches to be constructed and existing quarry wall for the preparation slope stability action plan, by involving any one of the reputed Research and


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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.

Agenda No: 395-19

(File No.4401/2018)

Proposed Black Granite Quarry lease over an extent of 2.02.0 Ha in S.F.No. 24/1A, Semangalam Village, Vanur Taluk, Villupuram District, Tamil Nadu by M/s. Enterprising Enterprises – For Terms of Reference Under Violation category.

(SIA/TN/MIN/23778/2018, dated:07.04.2018)

The proposal was placed in the 395th meeting of SEAC held on 27.07.2023. 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, M/s. Enterprising Enterprises, has applied for Terms of Reference under violation category for the Proposed Black Granite Quarry lease over an extent of 2.02.0ha in S.F.No. 24/1A, Semangalam Village, Vanur Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

During the meeting, the Committee noted that the project proponent is absent and is not available for attending the meeting. Hence the subject was not taken up for discussion.

Agenda No: 395-20

(File No.5661/2023)

Existing rough stone quarry lease over an extent of 0.98.5 Ha in S.F.No. 2/5F, 4/2B & 4/3 of Ganapathipatti Village, Harur Taluk, Dharmapuri District, Tamilnadu by Tvl.Sri Amman Blue Metals – For Extension of validity in Environmental Clearance issued.

(SIA/TN/MIN/298039/2021 dated: 24.02.2023)


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The proposal is placed for appraisal in this 395th meeting of SEAC held on 27.07.2023. The details of the project are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl.Sri Amman Blue Metals has applied for Extension of validity in Environmental Clearance issued for the Existing rough stone quarry lease over an extent of 0.98.5 Ha in S.F.No. 2/5F, 4/2B & 4/3 of Ganapathipatti Village, Harur Taluk, Dharmapuri District, Tamilnadu.
2. Environmental Clearance was issued to the proponent vide Lr.No. SEIAA-TN/F.No.5661/1(a)/EC.No.3931/2016 dated. 07.06.2017 with a validity period of 5 years from the date of execution of the lease deed, for quarrying in an extent of 1.38.5 Ha in S.F.Nos. 2/5F, 3/3B, 4/2B &4/3 of Ganapathipatti Village, harur Taluk. The lease deed was executed on 12.02.2018. Hence, EC issued earlier was valid up to 11.02.2024 including COVID extension.
3. However, the proponent has submitted an application seeking an extension of validity for the above-mentioned EC on 24.02.2023 for the revised area of 0.98.5 Ha for quarrying in the S.F.Nos.2/5F, 4/2B & 4/3 of Ganapathipatti Village, Harur Taluk, along with a scheme of mining for a period of 5 years from 2023-2028 for the quantity of 25,115m³ of rough stone & 3420m³ of topsoil upto a depth of 27m below ground level when the subsisting EC is available. The lease was deemed to be extended for a period of 10 years, i.e., upto 11.02.2028.
4. MoEF&CC Notification, S.O.1807(E) dated.12.04.2022 regarding extension of validity of Environmental Clearance.
5. MoEF&CC O.M dated 13.12.2022 regarding clarification on S.O.1807(E) dated 12.04.2022.
6. Earlier, the proposal was placed in 381st SEAC meeting. During the meeting, the proponent stated that he is eligible for an automatic extension as per the MoEF&CC notification dated 12.04.2022 and O.M dated 13.12.2022 and hence requested for the same.


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Based on the presentation and details furnished by the project proponent, the Committee decided to call for the following details from the project proponent to consider the proposal for appraisal:

- i) The project proponent shall submit a certified compliance report obtained from IRO of MoEF&CC for the EC obtained earlier.
7. The proponent vide letter dated.14.07.2023 submitted the Certified Compliance Report dated.16.06.2023 furnished by IRO of MoEF&CC for the EC obtained earlier dated.07.06.2017.
8. In view of the above, the proposal was placed in this 395th SEAC meeting held on 27.07.2023.

During the meeting, the SEAC noted that as per OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (i) states that...

"The validity of Environment Clearances, which had not expired as on date of publication of Notification i.e.12/04/2022, shall stand automatically extended to respective increased validity in as mentioned at para no.1 column (C) above: ..."

Based on the presentation made by the proponent, the SEAC confirmed that the Environmental Clearance issued earlier qualifies for 'automatic extension' as per the above OM issued by the MoEF& CC. However, the PP shall take necessary mitigation measures for the Reserve Forest situated close to the proposed site, as stipulated in the Annexure.

Agenda No: 395 - 21

(File No: 10178/2023)

Proposed Rough stone Quarry over an extent of 2.00.0Ha at S F. No. 328 (Part-V) of Melur Duraisampuram Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu by Tmt. K. Selvi - For Terms of Reference. (SI/TN/MIN/432653/2023, Dt. 12.06.2023)

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

The SEAC noted the following:

1. The Project Proponent, Tmt.K. Selvi has applied for Terms of Reference for the


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Proposed Rough stone Quarry over an extent of 2.00.0Ha at SF.No. 328 (Part-V) of Melur duraisampuram Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
3. As per the mining plan the lease period is for 10 years. The mining plan is for the period of ten years & the production should not exceed 3,14,780m³ of Rough stone with an ultimate depth of mining is 40m (20m AGL + 20m BGL). The annual peak production is 33.920m³ of Rough stone (4th Year).

Based on the presentation made by the proponent, SEAC decided to recommend for grant of Terms of Reference (TOR) with Public Hearing, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:


1. The proponent is requested to carry out a survey and enumerate on the structures located within 50m, 100m, 150m, 200m, 250m, 300m and 500m from the boundary of the mine lease area.
2. The PP shall provide the distinct mitigation measures for the quarrying activities proposed in a virgin area.
3. Since Srivilliputhur Grizzled Squirrel Wildlife Sanctuary & SMTR boundary is located at a distance of 8.3km, the PP shall furnish conservation measures, in consultation with the DFO concerned, in the EIA report.
4. The PP shall furnish ownership details of all survey numbers in EIA report.

Agenda No: 395-22

(File No: 10184/2023)

Proposed Construction of High rise residential Group Development Buildings at Survey Nos. 508/4A, 508/4B, 508/6A1, 508/6A2, 508/6B, 508/6C, 508/6D, 508/7A, 500/7B, 508/7C, 508/7D, 500/7E, 508/7F, 508/7G, 508/7H, 508/7I, 508/8A, 508/8B1, 508/8B2, 508/11A, 508/11B, 508/21A, 508/28, 508/36B, 508/36C1, 508/36C2, 508/38A1, 508/45, 508/48, 575/2A2A1, 575/2A2A2, 575/2A2A3, 575/2A2B1, 575/2A2B2, 575/2A2B3, 575/2A3, 575/2B, 575/2C, 575/3B1, 575/4A, 575/4B, 575/4C, 575/5A, 575/5B, 575/6A, 575/6B, 575/6C, 575/7A1, 575/7A2, 575/7B,


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575/7C, 575/7D, 575/8A1, 575/8A2, 575/8A3, 575/8B1, 575/8B2, 575/9A, 575/9B1, 575/9B2, 575/9B3, 575/9C1, 575/10A1, 575/10A2, 575/10B, 575/10C, 575/10D1, 575/10D2, 575/10E, 575/10F, 575/10G, 575/12A, 575/12B, 575/12C, 575/13A, 575/13B, 575/13C, 575/13D, 575/13E1, 575/13E2, 575/13F, 575/14A, 575/14B, 575/14C, 575/15, 575/16, 575/17, 575/18, 575/19, 575/20, 575/21, 575/22, 575/23, 575/24, 575/25, 579/1, 579/2, 580, 581/1, 581/2, 581/3, 581/4, 581/5, 724/3 & 724/5 of Sholinganallur 1 Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by M/s Casa Grand Vivaace Private Limited- For Terms of Reference.

(SIA/TN/INFRA2/434322/2023, dated:22.06.2023)

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

The SEAC noted the following:

1. The project proponent, M/s.Casa Grand Vivaace Private Limited, has applied for Terms of Reference for the proposed Construction of High rise residential Group Development Buildings at Survey Nos. 508/4A, 508/4B, 508/6A1, 508/6A2, 508/6B, 508/6C, 508/6D, 508/7A, 500/7B, 508/7C, 508/7D, 500/7E, 508/7F, 508/7G, 508/7H, 508/7I, 508/8A, 508/8B1, 508/8B2, 508/11A, 508/11B, 508/21A, 508/28, 508/36B, 508/36C1, 508/36C2, 508/38A1, 508/45, 508/48, 575/2A2A1, 575/2A2A2, 575/2A2A3, 575/2A2B1, 575/2A2B2, 575/2A2B3, 575/2A3, 575/2B, 575/2C, 575/3B1, 575/4A, 575/4B, 575/4C, 575/5A, 575/5B, 575/6A, 575/6B, 575/6C, 575/7A1, 575/7A2, 575/7B, 575/7C, 575/7D, 575/8A1, 575/8A2, 575/8A3, 575/8B1, 575/8B2, 575/9A, 575/9B1, 575/9B2, 575/9B3, 575/9C1, 575/10A1, 575/10A2, 575/10B, 575/10C, 575/10D1, 575/10D2, 575/10E, 575/10F, 575/10G, 575/12A, 575/12B, 575/12C, 575/13A, 575/13B, 575/13C, 575/13D, 575/13E1, 575/13E2, 575/13F, 575/14A, 575/14B, 575/14C, 575/15, 575/16, 575/17, 575/18, 575/19, 575/20, 575/21, 575/22, 575/23, 575/24, 575/25, 579/1, 579/2, 580, 581/1, 581/2, 581/3, 581/4, 581/5, 724/3 & 724/5 of Sholinganallur 1 Village, Sholinganallur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Township and Area Development Projects" of the Schedule to the EIA Notification, 2006.


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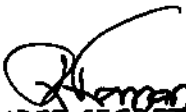
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Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to recommend the proposal for the grant of Terms of Reference (ToR), subject to the following ToRs in addition to the standard terms of reference for EIA study and details issued by the MoEF & CC to be included in EIA/EMP report:

1. The proponent shall furnish the details of sewage treatment technology for this proposal and also furnish the design details of the said STP along with adequacy report from any one of the reputed Educational Institution.
2. The PP shall furnish the proposal for the design of the proposed development to meet green building norms of IGBC Gold.
3. The PP shall furnish the proposal for beautification of the Subramanya lake (0.15km) and Raman thangal lake (0.29 km) located nearby.
4. The PP shall furnish affidavit for operation of STP& OWC on BOT basis for 10 Years.
5. The PP shall furnish NOC from Airport Authority.
6. The PP shall furnish proposal for utilization of at least 50% of roof top area for harnessing Solar Energy for common area lighting and Solar water heater shall be included in the EIA/EMP report.
7. The proposal to construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
8. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.
9. As per G.O. Ms. No. 142 approval from Central Ground Water Authority shall be obtained for withdrawal of water and furnish the copy of the same, if applicable.

10. Commitment letter from competent authority for supply of water shall be furnished.
11. Copy of the village map, FMB sketch and "A" register shall be furnished.
12. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
13. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
14. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
15. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
16. Details of the Rain water harvesting system with cost estimation should be furnished.
17. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the water bodies around the proposed project site & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
18. The proposed OSR area should not be included in the activity area. The OSR area should not be taken in to account for the green belt area.
19. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15% of the total land area of the project.
20. Cumulative impacts of the Project considering with other infrastructure developments and industrial parks in the surrounding environment within 5 km & 10 km radius shall be furnished.


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21. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
22. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.

Agenda No: 395 - 23

(File No: 10190/2023)

Proposed Rough stone Quarry over an extent of 5.00Ha at SF.No. 679/2(P) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. Navaladiyan Engineers - For Terms of Reference.

(SIA/TN/MIN/435824/2023, Dt. 06.07.2023)

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

The SEAC noted the following:

1. The Project Proponent, M/s. Navaladiyan Engineers has applied for Terms of Reference for the Proposed Rough stone Quarry over an extent of 5.00Ha at SF.No. 679/2(P) of Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC decided to seek the following detail from the project proponent.

- (i) The PP shall furnish the Proceedings for change of land classification from Kadu poramboke to Kallankuthu.

On receipt of the reply, the Committee will deliberate further and decide future course of action.

Hence, the Proponent is advised to submit the additional documents/information as sought above within the period of 30 days failing which your proposal will automatically get delisted from the PARIVRESH portal.


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Agenda No: 395 - 24

(File No: 4941/2016)

Proposed Grey granite quarry over an extent of 2.02.5 Ha in SF.No. 416/2A & 417/2B at Veppalampatty Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu by M/s. Sri Balaji Land Promoters Pvt. Ltd - For Environmental Clearance Extension. (SIA/TN/MIN/295179/2022, Dt.12.12.2022)

The proposal was placed in the 379th SEAC Meeting held on 12.05.2023. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Sri Balaji Land Promoters Pvt. Ltd has applied for Environmental Clearance Extension for the Proposed Grey granite quarry over an extent of 2.02.5 Ha in SF.No. 416/2A & 417/2B at Veppalampatty Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
3. EC Issued vide Lr. No. SEIAA-TN/F.No.4941/EC/1(a)/2816/2015, dated: 08.02.2016 valid up to 03.01.22 including COVID Extension.
4. EC extension application applied on 12.12.2022.


During the presentations the PP/EIA consultant requested SEAC defer the proposal and hence SEAC deferred the proposal.

Now the proposal was placed in the 395th SEAC Meeting held on 27.07.2023. The committee noted that the PP/EIA consultant has given "request for withdraw" in online portal. But PP in his letter stated that "We have not applied for withdraw the proposal from the portal and we still processing the proposal for extension of validity of EC". Meanwhile it was noted that the PP has filed a fresh application '10119'. Hence the SEAC decided that EDS may be raised on the fresh application asking explanation to the PP for filing two applications and requesting to process the two files simultaneously.

Agenda No: 395 - 25

(File No: 5354/2016)

Proposed Rough stone quarry over an extent of 4.80.0Ha in SF.No. 755 (Part-2) at Panichakshipuram Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s.MM Blue Metals - For Environmental Clearance Extension.


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(SIA/TN/MIN/301780/2023, Dt.01.07.2023)

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

The SEAC noted the following:

1. The Project Proponent, M/s.MM Blue Metals has applied for Environmental Clearance Extension for the Proposed Rough stone Quarry over an extent of 4.80.0Ha at SF.No. 755 (Part-2) at Panichakshipuram Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
3. EC Issued vide Lr.No. SEIAA-TN/F.No.5354/1(a)/EC. No:3266/2016 dated: 09.07.2016.
4. EC extension application applied on Dated: 11.07.2023.
5. As per the Environmental Clearance, the EC has been issued on 09.07.2016 and is valid till 08.07.2022 (Including covid extension). The PP states that "Due to Covid pandemic situation we are unable to achieve the permitted quantity of 596662m³ rough stone. We have achieved the quantity of 393000m³ only, vide letter no: Roc.No.96/2016/Mines dated: 07.06.2023 from Deputy Director, Dept of Geology and Mining, Krishnagiri".
6. Meanwhile we have submitted for the new file for ToR to SEIAA vide Reference number Lr.No.SEIAA-TN/F.No.9052/SEAC/ToR-1170/2022 and ToR has been issued to us dated 14.06.2022. We commit to SEIAA that we will surrender the ToR issued by SEIAA and we request to Automatic extension as per the MoEF&CC Notification.
7. MoEF&CC Notification S.O. 221(E), Dt:18.01.2021.
8. MoEF&CC Notification S.O. 1807(E), Dt: 12.04.2022.
9. MoEF&CC O.M. Dt: 13.12.2022.

During the meeting, the proponent stated that he had requested for an automatic extension as per the MoEF&CC notification dated 12.04.2022 and O.M dated 13.12.2022 and hence requested for the same.


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SEAC noted that as per OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (ii) states that...

"The Environment Clearances for which the project proponents have submitted the application for extension of validity as per the provisions of the EIA Notification 2006 as on the date of publication of Notification i.e., 12.04.2022 shall stand automatically extended to respective increased validity as mentioned at Para no. 1 column (C) above."

Based on the presentation made by the proponent, the SEAC recommend the proposal for 'automatically extension to the respective increased validity' as per the aforementioned OM issued by the MoEF & CC.

As accepted by the Project proponent the CER cost is Rs.5,41,800 and the amount shall be spent for the Panchayat Union Middle School, Kaaladipatti Village, Veerapatti as committed, before obtaining CTO from TNPCB.

Agenda No: 395 - 26


(File No: 7692/2020)

Construction of 464 TNGRHS flats at T.S.Nos. 3(Part), 6 of Ward No.AD, Block No.13, Old Circuit house colony of Sengulam Village, Trichy East Taluk, Trichy District, Tamil Nadu by M/s. Tamil Nadu Housing Board – For Amendment in Environmental Clearance. (SIA/TN/MIS/301148/2023, dated:12.06.2023)

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

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Housing Board has applied for Amendment in Environmental Clearance for the construction of 464 TNGRHS flats at T.S.Nos. 3(Part), 6 of Ward No.AD, Block No.13, Old Circuit house colony of Sengulam Village, Trichy East Taluk, Trichy 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. EC Issued vide Letter No. SEIAA/TN/F.No.7692/EC/8(a)/734/2020 dated 11.12.2020.


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

Agenda No: 395-27

(File No: 9384/2022)


Construction of Multistoried Residential project at SF. Nos. 34/3, 35/3, 36/1, 36/2, 37, 38, 39/1, 39/2, 39/3, 40, 41, 51/1, 51/2, 52/3, 53/2, 164/1, 164/2, 196, 197, 202/1, 203/1, 203/2, 203/3, 204/1, 204/2, 204/3, 204/4, 204/5, 205, 206/1, 206/2, 206/3, 207/1, 207/2, 221, 223/1 and 223/2 Mahindra World City, Paranur Village, Chengalpattu Taluk, Chengalpattu District, Tamil Nadu by M/s.Ashiana Housing Limited - For Amendment in Environmental Clearance. (SIA/TN/MIS/301208/2023, Dt:14.06.2023).

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

The SEAC noted the following:

1. The Proponent, M/s. Ashiana Housing Limited has applied for Amendment in Environmental Clearance for the Proposed Multistoried Residential project at S.F. Nos. 34/3, 35/3, 36/1, 36/2, 37, 38, 39/1, 39/2, 39/3, 40, 41, 51/1, 51/2, 52/3, 53/2, 164/1, 164/2, 196, 197, 202/1, 203/1, 203/2, 203/3, 204/1, 204/2, 204/3, 204/4, 204/5, 205, 206/1, 206/2, 206/3, 207/1, 207/2, 221, 223/1 and 223/2 Mahindra World City, Paranur Village, Chengalpattu Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. EC Issued vide Letter No. SEIAA/TN/F.No.9384/EC/8(a)/883/2022 dated 08.11.2022.

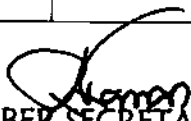
S. No.	Conditions as per obtained Environmental clearance	Submission	Revised Reply Based on 395 th SEAC Meeting	Amendment Sought
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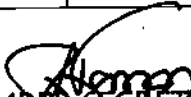
1.	Project Name – Proposed Multistoried Residential project with total built up area of 1,30,998.60 sq.m by M/s. Ashiana Housing Limited	Ashiana Vatsalya	M/s. Ashiana Housing Limited, is the name of our company and Name of the project is “Ashiana Vatsalya”	Ashiana Vatsalya
Part C – Specific Condition, S. No. 13. Green Cover				
2.	(i) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	The Net Plot Area of this project is 72438.73sqm and we have proposed in our EC Application that, 19672.72 sqm area i.e., 27.16% of the Net Plot Area, to be developed as Green/Landscap e Area. This includes development of lawn and greenery inside the project by	We are providing Green Belt area which is 19672.72 sqm area i.e., 27.16% of the Net Plot Area inside the project and also, we are committing that we will be planting one row of trees with 1.5m green cover all along the periphery of the project. (layout of the greenbelt is enclosed as Annexure – 1).	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area inside the project and provide at least one row of trees with 1.5m green cover wide all along the boundary.

		<p>selecting native species.</p> <p>Also, as per the MoEF&CC guidelines there is requirement of 1 tree per 80 sqm of land area accordingly, for this project total 905 trees are required, and we are proposing tree plantation of 995 No. will be done with in and along the periphery of the project.</p> <p>We would also like to add here that the said project is a Residential Group Housing project and not any industrial project where the pollution is</p>		<p>The same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.</p>
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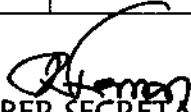

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		<p>on much higher side.</p> <p>Considering the above, it is humbly requested that kindly exempt us from this condition of maintaining 3 meter wide greenbelt all along the boundary and allow us to develop green area as proposed in our EC Application.</p>		
<p>Part C – Specific Condition, S. No. 14.</p> <p>Sewage Treatment Plant</p>				
3.	<p>(i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/reputed Academic institution for its</p>	<p>We wish to clarify here that, the said land is given to Ashiana Housing Limited on lease through a Lease Deed dated</p>	<p>We wish to clarify here that, the said land is given to Ashiana Housing Limited on lease through a Lease Deed dated 30.09.2021 between</p>	<p>The Project proponent will get the entire sewage treated through the Common STP of</p>


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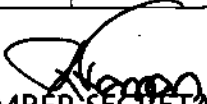

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	<p>adequacy and a report in this regard should be submitted to the SEIAA TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc. for the treatment of sewage.</p> <p>(ii) he Proponent shall install STP as furnished Any alteration to satisfy the bathing quality shall be informed to SEIAA, TN.</p> <p>(iii) The project proponent shall operate and maintain the</p>	<p>30.09.2021 between Mahindra World City Developers Limited (MWCDL) as lessor and Mahindra Integrated Township Limited (MITL) as original Lease holder and Ashiana Housing Limited is the lessee. In this Lease deed, there is a clause as per which MWCDL and AHL has also entered into a Service Agreement dated 25.01.2022. According to this Service</p>	<p>Mahindra World City Developers Limited (MWCDL) as lessor and Mahindra Integrated Township Limited (MITL) as original Lease holder and Ashiana Housing Limited is the lessee. In Clause 6.2 of Lease deed. MWCDL and AHL has also entered into a Service Agreement dated 25.01.2022. According to Clause 9.3 and schedule B of Service Agreement with MWC the entire untreated sewage generated from the project will be disposed through the Trunk Sewage Line of</p>	<p>MWC. The operation and maintenance of common STP is in the scope of MWC only. (Both lease deed and service agreement is enclosed as Annexure – 2).</p>
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	<p>Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.</p> <p>(iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.</p> <p>(v) he project proponent has to ensure the complete recycling of treated sewage & Effluent water</p>	<p>Agreement with MWC, the entire untreated sewage generated from the project will be disposed through the Trunk Sewage Line of MWCDL for treatment in the existing Common STP being operated and maintained by MWCDL itself. Further, they will provide treated water to the said project for consumption in activities like flushing, landscaping etc. The same was mentioned in our EC Application also.</p>	<p>MWCDL for treatment in the existing Common STP being operated and maintained by MWCDL itself. Further, they will provide treated water to the said project for consumption in activities like flushing, landscaping etc. The same was mentioned in our EC Application also.</p> <p>Considering this, we hereby again request you to kindly accept that, the operation and maintenance of common STP is in the scope of MWC only and not in our scope.</p>	
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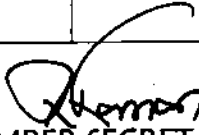

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	<p>after achieving the standards prescribed by the CPCB.</p> <p>(vi) The project proponent has to provide separate standby D.G set for the STP/CWTP for the continuous operation of the STP/GWTP in case of power failure.</p>	<p>Considering this, we hereby again request you to kindly accept that, the operation and maintenance of common STP is in the scope of MWC only and not in our scope.</p>		
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Part C – Specific Condition, S. No. 15. Rain Water Harvesting


4.	<p>(i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by</p>	<p>We wish to submit here that; the capacity of desilting tank and recharge pit is designed to retain runoff for at least 15 minutes of rain fall of the peak intensity which is calculated as approx. 422.49</p>	<p>As per the committee direction, we will provide sump for 60KL of Rain water harvesting collected from the roof top.</p>	<p>The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the</p>
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	<p>constructing adequate sumps so that 100% of the harvested water shall be reused.</p>	<p>cum. Accordingly, considering the combined capacity of one unit of Desilting tank and recharge pit as 26.25 cum there is requirement of 16 No. of Rainwater harvesting pits for ground water recharge and further enhances the water table for usages.</p> <p>Thus, we do consider that, construction of Rainwater Harvesting structures for ground water recharge could be better option as</p>		<p>maximum beneficiation of rain water harvesting by constructing adequate sumps so that 60KL of the harvested water shall be reused. (Layout showing the location of the sump is enclosed as Annexure - 3).</p>
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		compared to Sumps for re-using rainwater.		
Part D – Specific Condition, S. No. 5.				
5.	Solar energy saving shall be increased to at least 10% of total energy utilization.	We would like to submit here that, for utilization of Solar Energy we have proposed installing Solar Panels on the terrace area. Total terrace area is 6557sqm out of which we shall cover 50% area, as per the availability of shadow free area, with Solar Panels for power generation which will be sufficient enough to fulfill the requirement of common area and street	In requirement of the general condition 50% of the Roof Top will be covered with Solar Panels and will be provided Hot Water through the Solar Water Heating system.	Solar energy saving shall be increased to at least 4% of total energy utilization.


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		lighting etc. You are hereby requested to consider this proposal for energy saving and solar energy utilization.		
SEAC - Specific Condition, S. No. 23.				
6.	Generation of the solar/renewable energy should not be less than 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas. Street Lighting etc.	Kindly, consider the same submission as mentioned above at S. no. 4 of this letter against the Specific Conditions -- No. 5 of the EC Letter.	In requirement of the general condition 50% of the Roof Top will be covered with Solar Panels and will be provided Hot Water through the Solar Water Heating system.	Solar energy saving shall be increased to at least 4% of total energy utilization.
Other Modification Required				
7.	Proposal for disposal of excess Rainwater into the Lake instead of disposing it through the common storm	As per the Lease Deed mentioned above, there is an obligation that AHL needs to make	The layout showing the disposal of excess rainwater from Mahindra World City is enclosed as Annexure - 4.	The Excess Rainwater shall be disposed of in the Lake.

	<p>water drain of MWCDL as proposed earlier.</p>	<p>arrangements for draining the Rainwater into common storm water drain of MWCDL.</p> <p>Therefore, we had proposed the same in our earlier application.</p> <p>As of now, we would like to change our proposal and mention here that considering the land gradients and slopes available at site it will be more feasible if we are allowed to drain the excess storm water into the Lake which will ultimately add on in the enrichment of</p>		
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		<p>Lake only.</p> <p>We ensure that we shall provide suitable arrangements like duck well valve along with the silt chamber which shall prevent any impurities like silt, soil, sediments, metals etc. entering the Lake and damaging aquatic bio-diversity.</p>		
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Based on the presentation made by the proponent, the SEAC carefully examined the proposal and decided to recommend the Amendments as requested by the PP.

Agenda No. 395-28

(File No. 1106/2013)

Proposed Black granite quarry over an extent of 1.32.5 Ha in S. F.No. 533/2 of Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited - for Environmental Clearance Extension.

(SIA/TN/MIN/26115/2013 dated 16.05.2018)

Earlier, this proposal was placed in 319th Meeting of SEAC held on 12.10.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent M/s. Tamil Nadu Minerals Limited has applied for Environmental Clearance Extension for the proposed Black granite quarry over an extent of 1.32.5 Ha in S.F.No. 533/2 of Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. EC granted vide SEIAA-TN/F.No.1106/EC/1(a)/350/2013, Dated 20.05.2013 for a period of 5 years and was valid up to 19.05.2018.
4. As per mining plan, the lease period is 30 years. The first scheme of mining given in the approved mining plan is for a period of five years & the production should not exceed 1033.815 m³ of Black granite. The annual peak production 210.75 m³ of Black granite (2nd year).
5. Based on the presentation made by the proponent, SEAC noted that, the quarry operation was carried out until August 2015 and further mining operation was stopped from August 2015 onwards ensuing the MoEF & CC Notification dt.20.08.2014 for obtaining the NBWL clearance as Hosur taluk falls under Cauvery North Wild Life Sanctuary (10 Km radius).
6. Now the PP has requested for Extension of EC for the non-operative period of 3 years to extract the remaining quantity as the lease area does not fall under Cauvery North Wild Life Sanctuary Eco sensitive zone as per MoEF & CC Notification dated 01.01.2022.
7. The PP had submitted the copy of letter obtained from the Dy Director (Geology & Mines) for legalized excavation and permits obtained during the EC period. The proposal was placed before the 319th Meeting of SEAC held on 12.10.2022 and the PP has informed the following.
 - The lease is valid is valid from 28.2.2011 to 27.2.2041 as the letter from DD, Dept of geology and Mining, Krishnagiri, dated. 08.05.2018 clearly indicates that,
".....In the Govt order 3(D) No.17 Ind (MME-I) Dept Dt. 14.2.2011, Tvl TAMIN Ltd., were granted a black granite quarrying lease in SF. No.

533/2 over an extent of 1.32.5 Ha in Karandapalli village, Denkanikottai Taluk, and the period of lease is from 28.2.2011 to 27.2.2041.....”

- Due to lack of marketing trend the PP have not operated the mine continuously after having obtained the EC in the year 2013. The quantity of ‘recovered saleable ore’ depends on many factors such as the geology of the site, physical & geo-mechanical properties of the rock, quarrying technology, market demand etc. Further, the ‘Recovery’ is difficult to be estimated always precisely due to poor density & thickness of the granite, poor porosity, Visual appearance where it is being observed with dings, dents, scratches or uneven surfaces and however the RoM can easily be quantified at the time of preparation of mining plan.
- However, the PP has obtained the ‘Non-Operative Status of the Quarry’ & ‘Legalized Permit’ only to transport the quantity of 4.337m³ on 12.8.2015 as the letter from DD, Dept of geology and Mining, Krishnagiri dated. 08.05.2018 clearly states that.

Sl.No	Details of Amount Remitted	Bulk permit No.	Despatch slip No.	Qty. For permit Issued (in CBM)	Date of issued
1.	Rs. 20,000/- (10.8.2015)	18475	1,2,3	4.337	1.08.2015

- The Cauvery (North) wild life sanctuary is located at a distance of 9.90 km South and Eco-sensitive zone is 2.75km.
- Now, the lease area does not fall under Cauvery North Wild Life Sanctuary Eco sensitive zone as per the recent MoEF & CC Notification dated 01.01.2022.
- The PP has applied for seeking the extension of EC on 16.05.2018 when the validity of the existing EC is scheduled to expire on 19.05.2018 and it means that the PP had applied for seeking the extension of existing EC as a valid and subsisting environment clearance is held by him.


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- Further, the PP has clarified that the extension of validity was applied only to the remaining quantity available for the EC already granted in 2013.
- The PP have also informed that the waste produced from the quarrying including the granite rejects will be stacked temporarily in the mineralized zone within the lease hold area at present by maintaining adequate stability and suitable plantation as indicated in the progressive mine closure plan. However, it will be utilized as per the final mine closure plan as approved by the competent authority one year before the final closure of the mine under the provisions of the Granite Conservation and Development Rules, 1999.

Based on the above application, the SEAC have considered the following conditions in related to this proposal:

1. Legal Provisions


OBSERVATIONS IN CASE OF "M/S. S.N. MOHANTY & ANOTHER Vrs. UNION OF INDIA & OTHERS, IN W.P.(C) 2025/2012"

"....In our view, it does not mean that if a person has a valid and subsisting EC at the point of time he seeks a renewal of the mining lease, he would still be required to obtain another EC prior to the grant of renewal by the respondents. That, in our view, is not the intent and purport of the Supreme Court directions in M.C. Mehta (supra). The clear direction of the Supreme Court was that there ought not to be any mining activity without an EC. If the lease holder already has a valid and subsisting EC, there cannot be a requirement that during the validity and subsistence of the said EC, he would be asked to get another EC at the point he seeks renewal....."

MoEF CC S.O No. 674 (E), Dated. 13.03.2013"

"no fresh environmental clearance is required for a mining project or activity at the time of renewal of mining lease, which has already obtained environmental clearance under EIA Notification, 2006."

MoEF CC OM No. Z-11011/15/2012-IA.II (M) (Pt.), Dated. 02.06.2014:


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"...that the requirement of environmental clearance shall not be applicable at the time of renewal of mining lease for all cases including pending cases if the environmental clearance has already been obtained under the notification of 2006".

MoEF CC OM No. J-11011/15/2012-IA.II (M), Dated. 20.03.2015 -Valid & subsisting EC

"The Ministry has received reference on the applicability of the provision of requirement of Environment Clearance (EC) at the time of renewal of lease, even if a valid and subsisting environment clearance is held by a PP, at the point of time the PP seeks renewal of the mining lease.

After due consideration and examination of relevant judicial pronouncements and the OMs issued in this regard, it is clarified that the PP which has a valid and subsisting EC for their mining project either under EIA Notification 1994 or EIA Notification 2006, will not be required to obtain fresh EC at the time of renewal of the lease. This is subject to the maximum period of validity of the EC being for mining lease for 30 years."

MoEF CC S.O No. 1141 (E), Dated. 29.04.2015"

1. *"The validity may be extended by the regulatory authority concerned by a maximum period if an application is made to the regulatory authority by the applicant within the validity period, together with an updated Form I....*

.....Provided further that the regulatory authority may also consult the Expert Appraisal Committee or State Level Expert Appraisal Committee, as the case may be, for grant of such extension."

2. The SEAC have also observed that the PP have applied for the extension of validity of Environment Clearance (EC) when the lease period is alive and having the validity for 5 years as per the Scheme of Mining approved by the competent authority.

3. Further, it is informed that every mining plan duly approved shall be valid for the entire duration of the lease under the provisions of the Granite Conservation & Development Rules, 1999. Here, the PP, who has already

been granted quarrying lease for Granite for a period of five years, had obtained the extension of lease for a further period of 30 years (Up to 27.2.2041) with the approved scheme of mining obtained under Rule 12 of GCDR, 1999 as the letter from DD, Dept of geology and Mining, Krishnagiri, dated. 08.05.2018 indicates clearly.

4. Under these circumstances, the PP had requested to extend the EC period up to another 19 years (30 years from the date of grant of original EC period) as the First Scheme of Mining has been approved by the competent authority and also there is no modification or increase in production quantity/extent.
5. Further, the EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'meagre quantity of saleable ore'.
6. SEAC also noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Besides, The PP had also submitted the application seeking the extension of EC validity to the regulatory authority when he has a 'valid and subsisting EC' (i.e.) within the validity period of the present EC, which legitimately satisfies the OM/Notifications - MoEF CC OM No. J-11011/15/2012-IA.II (M), Dated. 20.03.2015 & MoEF CC S.O No. 1141 (E), Dated. 29.04.2015 issued by the MoEF & CC. Hence, the SEAC concludes that the PP is qualified to get the extension of the validity of EC as per the Notifications issued by the MoEF & CC from time to time.

Based on the presentation made by the proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the remaining quantity 1,029.478 m³ of Black Granite subject to certain conditions stated therein.

8. Subsequently, the subject was placed in 564th Authority held on 28.10.2022. The authority noted that this proposal was placed for appraisal in 319th meeting of SEAC held on 12.10.2022 and the SEAC decided to recommend the issue of Environmental Clearance subject to certain conditions stated therein.

After detailed discussions, the Authority noted that,


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i. The PP shall furnish the reason for not obtaining NBWL clearance before commencement of work, since EC was issued to the project vide Lr.No.SEIAA-TN /F.No.1106/EC/1(a)/350/2013,dated 20.05.2013 stipulates that,

".....subjected to specific condition that the Environmental clearance is subject to obtaining prior clearance from Forestry and wildlife angle including clearance from the standing committee of the National Board for Wildlife as applicable before issue of permit/Consent to establish by the Competent Authority/before starting any activity at site....."

- ii. The PP shall submit certified compliance report.
- iii. The DD in his letter dated 08.05.2018 had only forwarded the views of proponent and had not given any specific recommendation for the non-operative period. Hence, DD may be requested to give specific recommendation.
- iv. The PP shall furnish CTO copy obtained from TNPCB.
- v. It is observed that, the PP has not devised a scientific EMP covering the mitigation measures during the project period. Hence, the Proponent is requested to submit EMP with mitigation measures related to ecological impacts due to the proposed activity covering the project period.
- vi. The PP shall furnish Detailed EMP, Disaster management plan & Risk assessment for the approved scheme of mining.
- vii. The proponent shall submit a life cycle assessment which must be based on cradle to grave analysis emphasizing on the impacts due to the proposed activity.

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

9. Subsequently, the proposal was placed in this 348th Meeting of SEAC held on 19.01.2023. The Project proponent has made a presentation along with clarification for the above shortcomings observed by the SEIAA.

Sl No	Remarks called for by SEIAA	Response
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1.	Certified Compliance Report	TAMIN has applied and requested the Integrated Regional Office, MoEF&CC to get CCR vide the Divisional Manager, TAMIN Letter Rc .1557/D/2019, dated.13.10.2022
2.	The DD (Mines) in his letter dated 08.05.2018 had only forwarded the views of proponent and had not given any specific recommendation for non-operative period. DD may be requested to give specific recommendation.	As directed specific recommendation for non-operative period has been obtained from DD(Mines) Krishnagiri vide Letter Roc No.962/2020/Mines, dated 18.01.2023.
3.	Copy of Consent to Operate from TNPCB	While approaching DEE, Hosur to get CTO, it was informed that as on date there is no valid EC for this project. If TAMIN produces valid EC, necessary CTO will be issued.

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


(ii) The PP shall furnish certified compliance report.

On receipt of the reply, the Committee will deliberate further and decide future course of action.

10. The proponent vide letter dated.22.05.2023 submitted the Certified Compliance Report dated.17.05.2023 furnished by IRO of MoEF&CC for the EC obtained earlier.

In view of the above, the proposal was again placed in this 395th SEAC meeting held on 27.07.2023.

SEAC noted that the Cauvery North Wildlife Sanctuary is situated in between the Cauvery South Wildlife Sanctuary and the proposed site. Further, the Cauvery North


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Wildlife Sanctuary has been notified and the proposed mine site is beyond the Eco Sensitive Zone of the Cauvery North Wildlife Sanctuary. Hence, SEAC decided that the proposal doesn't warrant prior clearance from National Board for Wildlife (NBWL).




The SEAC carefully reviewed the queries raised by SEIAA and the reply furnished by the proponent and after detailed deliberations, decided to reiterate its recommendations already made in 319th SEAC meeting held on 19.05.2022 subject to the following additional conditions:

1. The proponent shall furnish an affidavit before obtaining extension from SEIAA-TN stating that all the non-compliances of the earlier EC conditions will be complied and all the conditions imposed now will also be strictly adhered to.
2. As accepted by the Project Proponent Rs. 5 lakhs shall be remitted to DFO, Krishnagiri and the amount shall be spent for doing conservation activities in the Cauvery North & South wild life sanctuary before obtaining CTO from TNPCB.

Agenda No: 395-29

(File No: 10202/2023)

Proposed Existing Standalone Steel Rolling Mill located at S.F.No. 53/2A2A, 53/2A2B2, 56/52, 56/53, 56/55, 56/56, 56/57, 56/58, 56/59, 56/60, 56/61, 56/62, 56/63, 56/64, 56/70, 56/71 & 56/74 of Chinnaobulapuram Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu by M/s. MTC Business Private Limited - For Terms of Reference.


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(SIA/TN/IND1/436034/2023, Dt: 10.07.2023)

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

The SEAC noted the following:

1. The Project Proponent, M/s. MTC Business Private Limited has applied for Terms of Reference for the Proposed Existing Standalone Steel Rolling Mill located at S.F.No. 53/2A2A, 53/2A2B2, 56/52, 56/53, 56/55, 56/56, 56/57, 56/58, 56/59, 56/60, 56/61, 56/62, 56/63, 56/64, 56/70, 56/71 & 56/74 of Chinnaobulapuram Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 3(a) "Metallurgical Industries (Ferrous & Non-Ferrous)" of the Schedule to the EIA Notification, 2006.
3. The proponent had obtained CTO from TNPCB vide procds No.F.0138GMP/OM/DEE/TNPCB/GMP/W&A/2020 dated 09/01/2020 for the Manufacturing of MS Structural – Angles, Flats etc., - 4500 T/Month and with the point source emissions of Re-heating Furnace (Settling Chamber, Wet scrubber with stack of 30m height), Coal Pulverisors (2 Nos with Bag filters) and DG set of 140 KVA (5 m stack height) with validity up to 31.03.2023. The unit has obtained renewal vide procds No.F.0138GMP/OL/DEE/TNPCB/GMP/W&A/2020 dated 05/03/2023 valid up to 31.03.2029.

4. As per the MoEF&CC Notification S.O. 3250 (E) Dated: 20.07.2022,

"All the standalone re-rolling units or cold rolling units, which are in existence and in operation as on the date of this notification, with valid Consent to Establish (CTE) and Consent to Operate (CTO) from the concerned state pollution control board or the union territory pollution control committee, as the case may be, shall apply online for grant of Terms of Reference as per item 3(a) of the said notification and shall be exempted from the requirement of public consultation:

Provided that the application for the grant of ToR shall be made within a period of one year from the date of this notification."

Based on the presentation made by the proponent SEAC recommended grant of Terms of Reference (TOR) without Public Hearing, subject to the following TORs. In addition


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to the standard terms of reference for EIA study for Metallurgical Industries (Ferrous & Non-Ferrous) and details issued by the MOEF & CC (Annexure II) to be included in EIA/EMP Report:

1. PP shall furnish letter from the DFO concerned on the distance between the Pulicat Bird Sanctuary and the proposed site. If the Pulicat Birds Sanctuary (Tamilnadu) is located within a distance of 10.0 km, as per MoEF&CC OM FC-11/119/2020-FC Dated: 17.05.2022, the the PP shall obtain NBWL clearance.
2. The PP shall furnish lease agreement for the Melting plant unit located 250m across the road.
3. The PP shall conduct energy audit of the existing unit through an BEE accredited consultant.
4. PP shall explore the possibility of using 50% Green energy.
5. The PP shall explore the possibility of phasing out coal pulverisor unit and shall find alternate green energy source for coal.
6. The proponent shall submit the compliance report obtained from DEE, TNPCB for the conditions imposed in the latest consent order and latest renewal issued by the TNPCB.
7. The PP shall furnish Green Belt plan with minimum 33% Green cover along with EIA Report.
8. The proponent shall submit report of analysis with respect to air emission obtained from TNPCB along with EIA Report.
9. The PP shall not extract Ground water and shall furnish the alternate source made for permanent water supply from Corporation/local panchayat.
10. The PP shall discuss the best available technology available in this field and action plan for implementing the same.
11. The PP shall furnish action plan for harnessing 50% solar energy or shall purchase 75% renewable energy to meet the energy requirement.
12. The PP shall furnish the road map for achieving 100% green energy.
13. The PP shall furnish the action plan for the implementing the CER activities as committed.
14. The PP shall study in detail various operational measures

- to reduce the specific energy consumption in re-heating furnaces.
15. The proponent shall furnish details on the idling period provided.
 16. The proponent shall furnish details on measures adopted for better and efficient operation of melting & charging.
 17. The proponent shall furnish details on the control measures adopted during heat finishing and tapping.
 18. The proponent shall study in detail about operational control measures to Minimize and control the refractory wall wearing.
 19. The proponent shall explore the possibilities of utilizing state of the art technology with best global practice.
 20. The proponent shall explore the possibilities of utilizing the treated wastewater instead of fresh water.
 21. The proponent must increase the Solar and Wind Energy sources and must explore the possibilities of achieving Net Zero energy consumption.
 22. The Environmental pollution control measures taken to deal with Air pollution, effluent generation and slag generation should be discussed in detail.
 23. The project proponent has to strengthen the air pollution control measures of the existing system and furnish an adequacy report on the revamped system from a reputed institution like Anna University or IIT, Madras along with the EIA report. The revamping of the existing air pollution control measures should include the interlinking of the position of the hood system and furnace to ensure that the emission from the furnace shall be treated and routed through wet scrubber and stack.
 24. The proponent shall submit the video and photograph of the operational details with particular reference to points of pollution in the existing plant.
 25. Material balance and Water balance shall be furnished in accordance with MoEF&CC guidelines.
 26. A detailed report on Solid waste & hazardous waste management shall be furnished.
 27. Report on AAQ survey and proposed air pollution prevention and control measures shall be furnished in the EIA report.

28. The project proponent shall do the stoichiometric analysis of all the involved reactions to assess the possible emission of air pollutants in addition to the criteria pollutants, from the proposed project.
29. Adequacy report for ETP & STP for the proposed project obtained from any reputed Government institution such as IIT, Anna University, NIT shall be furnished.
30. Land use classification shall be obtained from the DTCP for the Survey Numbers of this project. Further, the project proponent shall submit the planning permission obtained from the DTCP, if any.
31. The proponent shall conduct the EIA study and submit the EIA report for the entire campus along with layout and necessary documents such as "A" register and village map.
32. The PP shall produce/display the EIA report, executive summary and other related information in Tamil.
33. 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 purposes involved in the project.
34. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
35. The project proponent shall explore the possibilities of treating and utilizing the trade effluent and sewage within the premises to achieve Zero liquid discharge.
36. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should be not less than 15 % of the total land area of the project.
37. As the plant operation involves sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.


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

Agenda No: 395-TA1

(File No: 6259/2018)

Existing Limestone Quarry over an Extent of 3.45.5Ha located at S.F.No.183/1B(P), 183/2, Devannagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu by Thiru. Mohan Kumar – For Environmental Clearance under Violation Category.

(SIA/TN/MIN/23067/2018, Dated. 18.01.2022)

Earlier, this proposal was placed in this 375th SEAC Meeting held on 04.05.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

The SEAC noted the following:

1. The Proponent Thiru. Mohan Kumar has applied for Environmental Clearance under Violation Category for the Existing Limestone Quarry over an Extent of 3.45.5Ha located at S.F.No.183/1B(P), 183/2, Devannagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006, as amended.
3. ToR under violation issued by SEIAA-TN vide Lr.No. SEIAA-TN/F.No.6532/TOR- 402/2018 Dated: 16.05.2018.
4. ToR Amendment was issued vide Lr. No. SEIAA-TN/F.No.6532/SEAC-CXVIII/TOR- 402(A)/2018 Dated: 30.07.2018.
5. ToR Extension under violation issued vide SEIAA, Lr.No. SEIAA-TN/F.No.6532/ToR- 402/A/2018, dated:29.10.2021.
6. ToR Extension under violation Lr. No. SEIAA-TN/F.No.6532/ToR- 402/Extn. /2018 dated:26.09.2022.
7. Public Hearing conducted on 23.09.2021.
8. As per MMDR Amendment Act 2015 lease period is granted 03.09.1999 valid upto 02.09.2049.
9. Review of mining plan approved by IBM TN/SLM/LST/ ROMP -1543 MDS, Dt:01.03.2019 for the period 2019 -2020 to 2023 -2024.


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10. Production 109814 Tonnes of ROM (High Grade Limestone 70% - 76870Tonnes, Low Grade Limestone 25% - 27453 Tonnes & Reject 5% - 5491 Tonnes) and depth of mining 45m.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:


1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

Subsequently, the subject was placed in 622nd authority meeting held on 26.05.2023. The authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 04.05.2023.

The proposal was placed in the 395th SEAC Meeting held on 27.07.2023 and the Sub Committee submitted the site inspection report on 27.07.2023 as detailed below:


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OBSERVATIONS OF THE SEAC SUB-COMMITTEE DURING THE PROJECT SITE INSPECTION

1. The Sub Committee has inspected Limestone Mine belongs to M/s. Sivam Mines covering mining lease vide Rc.No.12386/MM1/98. Dated: 13.08.1999 over an extent of 3.45.5 Ha in Devannagoundanur, Taluk: Sankari, Dindigul District to comprehend the over all mining scenario.
2. As per Amended MMDR Act 2015, validity of the Lease is upto 02.09.2049. Since the validity of lease has been extended under deemed extension as it was informed by the competent authority and it has been noted that
 - i. The District Collector has not granted 'No Mining Dues Certificate' for the above lease.
 - ii. Latest Review of Mining Plan was approved by IBM vide letter no. TN/SLM/LST/ROMP-1543 MDS dated 01.03.2019 which was valid upto 29.02.2024 and hence the lease is fit for extension of validity.
3. There were no mining activities carried out in the Pit.
4. Fencing has been made and security guard was available.
5. There are three habitations within 300-meter radius area from the mining lease boundary.
6. The PP have got Approved Mining Plan from IBM for the Project from time to time without any break with sending the draft copy of the Mining Plan well in advance to the competent authority.
7. Rain water accumulated in the pit bottom is noticed.
8. During Violation Period, mechanised mining activities, wet-drilling and controlled blasting were carried out in the Lease. However, the PP had not maintained the benches adequately at the north side of the quarry for a depth of 25 to 30 m.
9. The waste rocks generated during mining was dumped within the mining lease area. The abandoned part of waste dumps outside mining lease area was found with adequate natural vegetation.
10. The seepage was noticed in the northern part of the existing benches.
11. The transportation of mineral was carried out through village road (even during

the Violation Period). PP informed there were few habitations then along the road since beginning of mine. However, habitations developed near to road in few areas in recent past was observed.

12. Green Belt was developed along the periphery of Mine Pits including in Safety Barriers.
13. Garland Drains are provided along the periphery but its maintenance has to be enhanced after the commencement of mining operations.
14. Additional plantation as per the proposals given in EIA shall be developed.
15. No extensive Mineral exploration activities were subsequently carried out by the proponent to prove the existence of Limestone beyond the current Mining Plan depth.
16. No Hydrogeology study was carried out to determine the environmental effects due to limestone mining.
17. The PP have shown the avenue plantation activities are being currently carried out within the mine lease along the boundary of the R.F. existing nearby.
18. The PP have informed that the pit / mine water is basically an accumulation of seasonal rain water and it is being used exclusively for the mine related activities such dust control, etc and however, he had committed that the mine water will be pumped outside the lease area after proper treatment for surrounding agricultural activities before the commencement of mining operations.
19. The PP have shown the Sub-Committee in surrounding the mine lease on the agricultural activities being carried out in the surrounding villages through well-water irrigation which justifies that the ground water table is not being affected by the mining activities.
20. The PP have also shown the Sub-Committee regarding the greenbelt development activities implemented in the past in inactive areas and exposed the proposed plantation activities in the berm of existing quarry.
21. The Sub-Committee have carefully examined all the replies furnished by the PP during the discussions and satisfied with the responses furnished by the PP.

STATUS OF MINING OPERATION


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The mining activities were stopped from 10.01.2017 and there was no production from this Mine since then.

MINING PLAN APPROVALS

The Regional Controller of Mines, Indian Bureau of Mines (IBM), Chennai has accorded its Approval periodically for Mining Plans/Schemes. For recent Review of Mining Plan (ROMP) for the Period 2019-20 to 2023-24 vide Letter No. TN/SLM/LST/ROMP-1543 MDS dated 01.03.2019.


PENALTY FOR VIOLATION

Thiru. J. Mohankumar has operated Devannagoundanur Limestone Mine under Collector Proc. Rc. No 12386/MM1/98, Dated 13.08.1999 after 15.01.2016 till 10.01.2017 and produced/transported 6,750 Tonnes of Limestone. Operating the Lease after 15.01.2016 without EC is in Violation of EIA Notification 2006 (as amended). The Violation Period was 361 Days. The mining activities were stopped from 10.01.2017 and there was no production from this Mine since then for want of EC. Other than operating the Mine without required EC after 15.01.2016, and it is also observed that the mine was operated without CTO. Thiru. J. Mohankumar Mines received the Demand Notice from the District Collector, Salem for 100% cost of Mineral value of Limestone quantity produced i.e.6,750 Tonnes without EC vide Rc. No. 45/2018/L-9/mines-A, Dated 31.07.2019 for Rs.17,62,395/-. However, Thiru. J. Mohankumar have not remitted the amount to Department of Geology and Mining till now.

While pronouncing the Judgement on 27th May 2021, the NGT Southern Zone, Chennai via Original Application No. 244 of 2017 (SZ) in the matter of Shefy Joseph Vs MoEF & CC states that

"....38. If the mining operation was done after 15.01.2016 without obtaining Environmental Clearance (EC), then the period of operation from 15.01.2016 till they stopped the operation will be treated as an unauthorized operation of the quarry, for which, they will be liable for payment of environmental compensation....."

Vide letter No. Rc. No.45/2018/L-9/Mines-A, dated. 31.07.2019 the District Collector had stated that


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“.....4) In this regard, it is formed that, the Lessee has operated the quarry during the violation period from 15.01.2016 to 10.01.2017 and lifted the mineral by obtaining the transport permits for a quantity of 6750 cbm.....”

“.....Further it is stated that, the lessee has not operated the quarry operation during 2017-18 till date due to want of Environment Clearance.....”

From the above letters, it was curtained that the quarry was operated during the violation period from 15.01.2016 to 10.01.2017 and the number of working days in this case estimated as 300 days excluding Sundays & Public holidays. Hence, with applicable values of PI-80 (Red Category Industry), N-300 days (quarry working days of violation period), R-Rs.150 (based on nature of violation – even though the area of extent is less than 5 Ha, the benches are not provided at one side of the pit but the average production/day is less than 500 t/day), S-0.5 (cumulatively Small-Scale Unit), LF-1.00 (1 for city/town having population less than one million), the Environmental Compensation computed is as follows:

$$EC : 80 \times 300 \times 150 \times 0.5 \times 1.00 = \text{Rs.18,00,000/- (Maximum)}$$


However, applying the point (g) where the Environmental Compensation shall be ₹5000/day, the minimum Environmental Compensation computed for the above violation case is as Rs. 15,00,000/=.

However, the Committee has arrived Rs. 4,14,600/= based on the SEAC Methodology which is inclusive of CER amount. At the same time, the PP has indicated the ecological damage assessment of Rs 2,41,336/- for the above violation.

CER Budget-Committed

The PP had committed to provide the following budget towards the Corporate Environmental Responsibility (CER) during the SEAC appraisal.

Name of the School	Particulars	CER Amount
Govt Panchayat Union Primary School.	Provision of Environment related Drawing Books in School Library	Rs. 4.00 Lakhs
	Laying of Pavement tiles for footpath leading to the Toilets for the benefits of school children and teachers	


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Kozhinjipalayam, Sankagiri Taluk	Purchase of Chairs & Benches for the Primary Class School Children	
Total		Rs. 4.00 Lakhs

The Project Cost is Rs.21.07 Lakhs. CER Budget is Rs 2,00,000/- as accepted by the project proponent during appraisal.

STATUTORY PROCEDURES TO BE FOLLOWED:

1. The Bank Guarantee for Rs. 18,05,000/- has to be given to TNPCB for successful implementation of the Schemes in a period of 3 years. The Bank Guarantee will be released after successful implementation of the Remediation Plan and Natural and Community Resource Augmentation Plan.
2. Credible Action under Section 19 of the E(P) Act shall also be complied for awarding the EC.
3. The PP shall furnish the 'No Objection Certificate' issued by the office of Director, Geology and Mining for the penalty levied by the District Collector to the SEIAA, for carrying out the quarrying operations as per the 'Modified Mining Plan' for the period of 2019-20 to 2023-24 which was approved vide Lr. No. TN/SLM/LST/ROMP-1543 MDS dated 01.03.2019.

RECOMMENDATIONS

The SEAC Sub-Committee observed that the Mining of Limestone in an extent of 3.45.5 Ha SF No. 183/1B(P) & 183/2 for Environmental Clearance under violation comes under the "Low level Ecological damage category" as per the SEAC Violation norms.

SEAC carefully considered the recommendations of the Sub-Committee and accepting the recommendations of the Sub-Committee, SEAC decided to recommend grant of Environmental Clearance for Mining of Limestone in an extent of 3.45.5 Ha SF No. 183/1B(P) & 183/2 of M/s. J. MOHAN KUMAR located in Devannagoundanur village, Sankari Taluk, Salem District as the Environmental Compensation ascertained through (i) the CPCB Methodology is higher than the estimation made by the PP (Rs. 2,41,336/-) and (ii) the SEAC Methodology (Rs. 4,14,600/=). Hence the SEAC recommend the grant of Environmental Clearance for the aforesaid limestone quarry proposal for the Annual Peak Production Capacity of ROM shall not exceed 23410 Ts which includes


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High grade Limestone of 16387 Ts and Total Waste of 23,517 Ts, subject to the following conditions in addition to the normal conditions:

1. The grant of EC is subject to the production of the 'No Dues Certificate' from the State Government (i.e. Department of Geology & Mining) by the PP for the penalty levied by the District Collector to the SEIAA, based on the outcome of the Interim Stay ordered by the Madras High Court.
2. The amount prescribed for Ecological remediation (Rs. 7.90 Lakhs), natural resource augmentation (Rs.4.40 lakhs) & community resource augmentation (Rs.5.70 Lakhs), totaling Rs. 18.00 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 18.00 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated below:

Sl. No.	Activity Proposed	Total, Rs.
1	Cost of Ecological Damage Remediation Plan	7,90,000
2	Natural Resource Augmentation Plan	4,40,000
3	Community Resource Augmentation Plan	5,70,000
Grand Total		18,00,000

REMEDIATION PLAN WITH ACTION PLAN SPECIFIC TO THE REGION ALONG WITH BUDGET

Env.Component	Remediation Measures for Environmental damage	1st Year (in Rs)	2nd Year (in Rs)	3rd Year (in Rs)	Total (Rs.)
Air Environment	water sprinkler in the haul road and mines	70,000		70,000	1,40,000
Water Environment	Renovation of Rain Water Harvesting Pits		50,000		50,000
Land Environment	Renovation of Garland Drains	150000		50000	2,00,000
Ecological	Avenue Plantation	1,00,000	1,00,000		2,00,000


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Environment					
Socio economic environment	Solar Lighting Facilities along the village roads	1,50,000	50,000		2,00,000
Total					7,90,000

NATURAL RESOURCE AUGMENTATION PLAN SPECIFIC TO THE REGION ALONG WITH ACTION PLAN

Environmental components	Natural Resource Augmentation	1 st Year	2 nd Year	3 rd Year	Total (Rs.)
Water Environment	Rain water harvesting structures at prominent place in the Devannagoundanur Village	1,00,000	20,000	20,000	1,40,000
Air Environment	Providing trees in three tier system around project area as air barrier	30,000	10,000	10,000	50,000
Land / Soil Environment	Providing Agricultural needs for 2 families	2,50,000			2,50,000
TOTAL					4,40,000

THE COMMUNITY RESOURCES DEVELOPMENT PLAN SPECIFIC TO THE REGION ALONG WITH ACTION PLAN

Sl.No	Community Resource Development	1 st Year	2 nd Year	3 rd Year	Total (Rs.)
1	Roof Cover Canopy facilities for rainy water in the footpath leading to the toilets of Govt Panchayat Union Primary School, Kozhinjipalayam, Sankagiri Taluk.	70,000	-	-	70,000
	Providing funds to the permanent transportation mode facilities (1.5 km) for the school children studying in Govt Panchayat Union Primary School, Kozhinjipalayam, Sankagiri Taluk.	5,00,000			5,00,000
TOTAL					5,70,000


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3. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of three years from the issue of EC. If not, the bank guarantee will be forfeited to TNPCB without further notice.
4. The amount committed by the Project proponent for CER (Rs. 4.00 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.

Name of the School	Particulars	CER Amount
Govt Panchayat Union Primary School, Kozhinjipalayam, Sankagiri Taluk	Provision of Environment related Drawing Books in School Library	Rs. 4.00 Lakhs
	Laying of Pavement tiles for footpath leading to the Toilets for the benefit of the children and teachers	
	Purchase of Chairs & Benches for the Primary Class School Children	
Total		Rs. 4.00 Lakhs

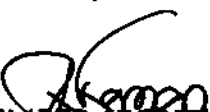
5. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Ac, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
6. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC notification No. S.O. 1807(E) Dt 12.4.2022.
7. The proposed action plan for green belt development shall be maintained in 33 % of the overall project area and accordingly the plantation shall be carried out in the dumps and safety zone areas.
8. The PP shall install the Environmental Management Cell headed by the statutory First/Second Class Mines Manager appointed for the mine under

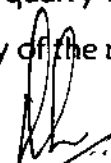

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violation category and the cell shall include a dedicated full-time Environmental Engineer exclusively to look into the effective implementation of Environmental Management Plan besides the reviewing the compliance reports with the regulatory authorities.


9. The PP shall submit the 'Notice of Opening' of the quarry to the Regional Inspector/Director of Mines Safety, Chennai Region under the section 16 of the Mines Act, 1952 and in accordance with the Reg. 3 of MMR 1961 before obtaining the CTO.
10. The Project Proponent shall ensure that the blasting operations shall be carried out during a prescribed time interval with a prior notice to the school/other habitations situated around the proposed quarry after having posted the sentries/guards adequately to confirm the non-exposure of public within the danger zone.
11. The Project Proponent shall ensure that the blasting operations are carried out by the blaster/Mine Mate/Mine Foreman employed by him as per the provisions of MMR 1961.
12. The PP shall carry out the scientific studies to assess the slope stability of the quarry wall and the stability of the waste dumps with prescribing the necessary stabilization measures within a period of six months from the date of lease execution, by involving any one of the reputed Research and Academic Institutions - CSIR-Central Institute of Mining & Fuel Research / Nagpur, NIRM Bangalore, IIT Madras – Division of Geotechnical Engineering, NIT-Dept of Mining Engg, Surathkal, and Anna University Chennai-CEG Campus. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance without any deviation.
13. Within a period of six months from the commencement of mining operations, the PP shall carry out the scientific studies for the limestone quarry located close to the habitations, on 'Design of Controlled Blast Techniques' for reducing the impact of blast-induced ground & air vibrations caused due to quarry blasting operation involving NONEL initiation systems', by involving any of the reputed


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Research and Academic Institution - CSIR-Central Institute of Mining and Fuel Research / Dhanbad, NIRM/Bangalore, IIT-Madras, NIT-Dept of Mining Engg, Surathkal, and Anna University Chennai-CEG Campus, etc shall be carried out before the commencement of mining operations. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, and DMS, Chennai as a part of Environmental Compliance.


14. The PP shall carry out the comprehensive hydrogeological studies within a period of two years from the commencement of the mining operations to assess the quality & quantity of the ground water due to impacts of quarrying operation by involving anyone of the reputed Research and Academic Institution such as CSIR-Central Institute of Mining and Fuel Research / Dhanbad, NIRM-Bangaluru, IIT-Madras, NIT- 36 Dept of Mining Engg, Surathkal, Anna University Chennai-Dept of Geology, CEG Campus, and University of Madras - Centre for Environmental Sciences (CES), Chennai. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, and DMS, Chennai as a part of Environmental Compliance.
15. Further, the PP shall properly maintain the garland drain with proper size, gradient and length along the boundary of the pit leaving behind the mandatory safety zone of 7.5 m as it is designed to take care of run-off water (size, gradient and length) before obtaining the CTO from TNPCB.
16. The Project Proponent shall ensure that the funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to the MoEF& CC Ministry and its Integrated Regional Office (IRO) located in Chennai.
17. The proponent shall create a separate bank account and shall deposit the cost allocated for the committed EMP activities every year and the said expenditure details spent on the committed EMP activities shall be maintained & periodically submitted to TNPCB.


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18. The Project Proponent shall send a copy of the clearance letter marked to concerned Panchayat from whom any suggestion/representation has been received while processing the proposal.
19. 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.
20. 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.


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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.

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.


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 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.
- 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.
- 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 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.
- 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.
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 the 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/I 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.
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.
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.


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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/EEMP 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 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 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.
 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


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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 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 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.

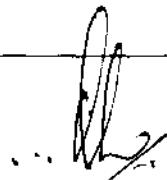
6. Waste Management:

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.
 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.


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5. A wide range of indigenous plant species should be planted as given in the Appendix-I, 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:


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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.
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.
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.
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.

Appendix -I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	வில்வம்
2	<i>Adenaanthera pavonina</i>	Manjadi	மஞ்சளடி, ஆனைக்குன்றிமணி
3	<i>Albizia lebbeck</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aathi	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathu	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலை
12	<i>Calophyllum inophyllum</i>	Punnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon sweetenia</i>	Purasamaram	புரசு மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலை
17	<i>Cordia dichotoma</i>	Naruvuli	நருவூளி
18	<i>Creteva adansoni</i>	Mavalingum	மாலைங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உவா
21	<i>Diospyro sebum</i>	Karungali	கருங்காலை
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகையை
23	<i>Ficus amplissima</i>	Kallichi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆற்றுப்பூங்கா
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயில் மரம், ஆயிலி
27	<i>Lannea coromandelica</i>	Odhiam	ஓதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	வில்வ மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாதை
34	<i>Mimusops elengi</i>	Magizhamaram	மாகிழமரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்

40	<i>Premna mollissima</i>	Munnai	முள்ளை
41	<i>Premna serratifolia</i>	Narumunai	நறு முள்ளை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூங்க
43	<i>Prosopis cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேளாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	பலவு
47	<i>Puthranjiva roxburghii</i>	Karipala	கரிபலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புகள் சோபுகாய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தாள் கோட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாந்தி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேள் மருது
57	<i>Toona ciliate</i>	Sandhana vembu	சந்தா வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூங்க
59	<i>Walsuratrifoliata</i>	valsura	வாலசூரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கோடுகாப்பூளி


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Appendix -III

Display Board

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

-----சுரங்கம்

சுரங்கங்களில் சுவாமி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கிழகம் உட்பட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAW, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி தேதி வரை செல்லத்தக்கதாக உள்ளது.

பணம் பகுதி வளர்ச்சி வெப்பாட்டுக்கான அங்கத்திட்டம்	சுவாமிநீரின் எல்லைவரை சுற்றி வேலி அமைக்க வேண்டும்
நடவடிக்கை	சுரங்கப்பகுதிகளின் ஆழம் தளமாட்டத்தில் இருந்து மீட்டிட்டு மிளமல் இடுக்க வேண்டும். காற்றில் மாசு ஏற்படாதவாறு அங்கம் பணிகளை மேற்கொள்ள வேண்டும்.
நடவடிக்கை	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீர் முறையாக தண்ணீர் லாசிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
புறமழிக்கப்பட்டுள்ள மழைநீர் சேமிப்பை:	இடைக்கால அளவைகள் தூசி மசகப்படாமல் குறைப்பதற்காக சுவாமிநீரின் எல்லைவரை சுற்றி அடத்தியான பணம் பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி எவர்க்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் ஏற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உள்விடமாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இடைக்கால அளவு 85 டி.சி.யம்ஸ் (85A) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1988 கீழ் சுரங்கத்தில் உள்ள பணிகளுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு கைதாழ்முள்ள கழிப்பறை வசதிகளை செய்ய தர வேண்டும்.	
மிளமல் அல்லது பஞ்சுபந்து வழியாக வாகனங்கள் செல்லும் எல்லைவரை தெரிந்து தங்க புறமழிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அடையில் உள்ள விவசாய பணிகள் மற்றும் தீர்மானங்கள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் திறந்த தீர்மான தெரிந்து கைவசிக்க வேண்டும்.	
சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்லும் கிராம மக்களுக்கு எந்த கிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்புகளும் மற்றும் சுற்றுச்சூழல் பாதிக்காத வகையில் வாகனங்களை இயக்க வேண்டும்.	
சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் அங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தின் மூடல் வேண்டும்.	
சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடைபட்ட ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்ய தரவரங்கள் விவங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகைப்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அறிய பாதிவேல் (http://paravels.in) என்கிற இணையதளத்தைப் பார்வையிடவும் மேலும் சுத்தவீடு சுற்றுச்சூழல் சார்ந்த புள்ளிகளுக்கு சென்னைவில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் செயலாளரை அணுகவும்.	


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