

MINUTES

833rd MEETING

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY-TAMIL NADU**

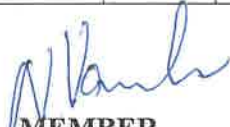
Date:03.06.2025

**MINUTES OF THE 833rd MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 03.06.2025.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 832nd meeting of the Authority held on 02.06.2025.		The minutes of the 832nd meeting of the Authority held on 02.06.2025 was confirmed.
1.	The subject of alleged illegal quarrying activities in Tiruchuli Village, Virudhunagar District - Writ Petition (MD) No. 5481 of 2018 pending before the Madurai Bench of the Madras High Court.		<p>Earlier, the subject was placed in the 801st Authority Meeting held on 24.03.2025. The Authority noted the following:</p> <ol style="list-style-type: none"> 1. Thiru P. Mookiah Naicker, Kaathanpatty, Tiruchuli Taluk, Virudhunagar District, has filed a writ petition (WP(MD) No. 5481 of 2018) before the Hon'ble Madurai Bench of the Madras High Court, Madurai, against the District Collector of Virudhunagar District and five others regarding the illegal quarrying of soil at Survey Nos. 13/2, 13/3-A, 29/38, 29/4-A, 29/4-B, admeasuring 2.39.5 hectares in Chokkampatty village, and from Survey Nos. 413/2, 414/1, 414/3, admeasuring 3.15.0 hectares, as well as from the Gundaru River adjacent to the aforesaid lands situated at



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Tiruchuli Village, Virudhunagar District, in violation of the license granted to quarry "SAVADU SOIL".

2. The Hon'ble Madurai Bench has passed judgement vide order dated.11.03.2025 directing as follows:

"4.We also call upon Mr.Dilip Kumar,learned Standing consel to obtain written response from the State Environment Impact Assesment Authority on the following aspects:-

a) How the Environmental authority are monitoring compliance of conditions imposed by them while granting permission for conducting quarry operations?

b) In the event, whether any mechanism is available with the environmental authority to find out the breach of conditions if any?

5.We also expect the environmental authority who granted permission for the fifth respondent, to visit the place and identify the distance between survey


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		<p>Nos.413/2,414/1,414/3 and river Gundaru and find out whether any quarry operations have been conducted in river Gundaru taking advantage of the grant of quarry in survey Nos.413/2,414/1,414/3.</p> <p>6.The State Environmental Impact Assessment Authority (SEIAA),3rd Floor, Panagal Maaligai,No.1,Jeenis Road, Saidapet, Chennai- 600 015 is suo motu impleaded as ninth respondent.”</p> <p>3. In light of the above circumstances, SEIAA vide 801st meeting, has forwarded it to the State Level Expert Appraisal Committee -2 to form a Sub-Committee to comply with the order dated 11.03.2025 of Hon’ble Madras High Court Madurai Bench as regards to visit the place and identify the distance between Survey Nos.413/2,414/1,414/3 and river Gundaru and find out whether any quarry operations have been conducted in river Gundaru taking advantage of the grant of quarry in survey Nos.413/2,414/1 and 414/3. This visit will be carried out</p>
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within two weeks and report will be submitted to the Hon'ble court accordingly.

4. Further it was noted that in regard to the queries raised by the Hon'ble Madurai Bench of Madras High Court in W.P. (MD) No. 5481 of 2018, as per the order dated 11.03.2025, queries raised under points 4(a) and 4(b) have been duly addressed in the counter affidavit dated.24.03.2025, filed by the Member Secretary, SEIAA-TN, in this regard.
5. Subsequently, the Sub-Committee of SEAC-II has inspected the project site on 11.04.2025 and submitted an inspection report vide 552nd SEAC-II meeting.
6. The report of the Sub-Committee is placed in this 833rd Authority meeting for consideration.
7. The Authority, after detailed deliberations on the Sub-Committee report, decided to furnish the following additional reply to the Hon'ble High Court through additional counter affidavit, regarding the following directions of Hon'ble


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High Court of Madurai Bench,

"We also expect the environmental authority who granted permission for the fifth respondent, to visit the place and identify the distance between survey Nos.413/2,414/1,414/3 and river Gundaru and find out whether any quarry operations have been conducted in river Gundaru taking advantage of the grant of quarry in survey Nos.413/2,414/1,414/3"

During the Sub-Committee inspections of the site on 11.04.2025, the following findings are established:

- i) The quarry lease granted lands located in Survey Nos. 413/2 & 414/1 are adjacent to the Gundaru River with zero distance from the Gundaru river and the land located in Survey Nos. 414/3 is about 103 meters from the Gundaru River.
- ii) Illegal quarrying has been done in Gundaru river, taking advantage of grant of quarrying permission in Survey Nos.413/2, 414/1 & 414/3 in the Tiruchuli village


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			<p>of Virudhunagar District.</p> <p>Further, the Authority decided to immediately communicate the details of this illegal quarrying to Chairperson, TNPCB, Deputy Director General, IRO of MoEF&CC, Chennai, District Collector, Virudhunagar & AD of Mines Department, Virudhunagar for suitable penal action against the violator.</p>
2.	<p>Proposed Construction of Shop cum Hotel Building at S. No. 2/14 in Kottapattu Village, Trichy Taluk, Trichy District, Tamil Nadu by M/s. Sathy Silks (P) Ltd – For Environmental Clearance. (SIA/TN/INFRA2/529373/2025)</p>	11959	<p>The authority noted that the subject was placed in the 565th SEAC-II meeting held on 15.05.2025 and the SEAC-II decided to defer the proposal for the want of following additional particulars:</p> <ol style="list-style-type: none"> i. The PP shall furnish the water procurement letter from the Trichy Corporation. ii. The PP shall furnish the wastewater discharge letter getting from the Trichy Corporation for treated sewage into the sewer line. iii. The PP shall furnish the revised water balance details incorporating the water requirement for the swimming pool facility, including its quantity of one-time consumption, daily top-up, evaporation losses, sewage generation, treatment involved,


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		<p>and disposal method opted for the same.</p> <p>iv. The details of the green belt area as proposed 11% inside and outside the project site shall be furnished 16% as well as letter getting from authority concerned along with the geotagged photographs and video.</p> <p>v. The PP shall furnish the detailed traffic congestion study addressing the existing and future population after the project implementation with the appropriate/suitable mitigation measures for the effective management of traffic flow inside and outside the project site, i.e., along the National Highway (NH 83) located near the project location.</p> <p>vi. The PP shall furnish the details of the existing pit in the proposed location, along with its size and dimensions, and geo-tagged site photographs/video.</p> <p>Furthermore, the PP shall furnish an explanation for initiating the excavation/earthwork without</p>
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			<p>obtaining the Environmental Clearance.</p> <p>vii. The details of the parking area requirement bye-laws and proposed at the basement/silt and surface parking inside and outside the proposed site.</p> <p>The Authority noted the minutes of SEAC-II.</p>
3.	Proposed Rough stone & Gravel Quarry lease over an extent of 2.05.0 Ha at S.F. No. 277 Iduvai Village, Tiruppur South Taluk, Tiruppur District, Tamil Nadu by Thiru. B. Karthik - For Terms of Reference. (SIA/TN/MIN/529488/2025)	11960	<p>The Authority noted that the subject was placed in the 565th Meeting of SEAC-II held on 15.05.2025. After detailed discussions, the Authority accepts the recommendation of SEAC-II and decided to grant Terms of Reference (ToR) along with Public Hearing for the quantity of 1,72,820 m³ of rough stone and 22,546 m³ of gravel upto the depth of 32m BGL as per the approved mining plan, under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC-II & normal conditions & the conditions mentioned in 'Annexure B' of this minutes.</p>
4.	Proposed Rough Stone and Gravel Quarry lease over an extent 4.51.0Ha at S.F.Nos. 536, 537/1, 537/2 & 537/3 of Peruntholuvu Village, Tiruppur South Taluk, Tiruppur	11961	<p>The authority noted that the subject was placed in the 565th SEAC-II meeting held on 15.05.2025. SEAC-II has furnished its recommendations for</p>


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<p>District, Tamil Nadu by Tvl. VKP Engineering Ind Pvt. Ltd - For Terms of Reference. (SIA/TN/MIN/529538/2025)</p>		<p>granting Terms of Reference subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC-II and decided to grant Terms of Reference (ToR) along with Public Hearing for the production quantity of 8,33,355m³ of Rough Stone, & 75,408m³ of Gravel for an ultimate depth of 72m (12m AGL + 60m BGL) as per the approved mining plan, under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC-II & normal conditions & the conditions mentioned in 'Annexure B' of this minutes.</p>
<p>5. Proposed Rough stone and Gravel quarry over an Extent 1.73.50 Hect at Survey No. 785/2, over an area of 1.73.50 hectares In Kosukundu Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by Thiru.S.Ramesh - For Environmental Clearance. (SIA/TN/MIN/529643/2025)</p>	<p>11962</p>	<p>The authority noted that the subject was appraised in the 565th Meeting of SEAC-II held on 15.05.2025. SEAC-II has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC-II and also the safety aspects and to ensure sustainable, scientific and systematic</p>


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mining, decided to grant Environmental Clearance for the quantity of 1,81,725 m³ of rough stone & 41,562 m³ of gravel up to the depth of 28m and the annual peak production should not exceed 35,825 m³ of rough stone & 26,496 m³ of gravel. This is also subject to the conditions imposed by SEAC-II, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall


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		<p>submit a Certified Compliance Report obtained from RO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.</p> <p>4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & RO of MoEF&CC once in every 6 months.</p> <p>5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & RO of MoEF&CC.</p> <p>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & RO of MoEF&CC.</p>
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| | | <p>7. The progressive and final mine closure plan including the green belt implementation and Environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & RO of MoEF&CC.</p> <p>8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiaatn@gmail.com.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital</p> |
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			<p>and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>10. The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign "<i>Ek Ped Ma Ke Naam</i>" and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).</p>
6.	Proposed for Rough Stone and Gravel Quarry lease area over an extent 1.28.0Ha at S.F.Nos.6(P) in Kalyanasundarapuram Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. P.Arunachalam - For Environmental Clearance. (SIA/TN/MIN/529595/2025)	11965	<p>The authority noted that the subject was placed in the 565th SEAC-II meeting held on 15.05.2025 and the SEAC-II decided to defer the proposal for the want of following additional particulars:</p> <p>1. It is seen from KML that the proposed site abuts the nearby water body. Hence, the PP shall furnish the modified mining plan incorporating the safety distance of 50m from the nearest water body.</p>


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			<p>2. The PP shall furnish the Certified Compliance Report (CCR) for the project from the concerned Regional Office of the Ministry and action report for all the non-compliances in the CCR, if any.</p> <p>The Authority noted the minutes of SEAC-II.</p>
7.	<p>Proposed Rough stone & Gravel Quarry lease over an extent of 2.15.83 Ha at S.F. No. 180/1 and 181/3 Idayarpalayam Village, Sulur Taluk, Coimbatore District, Tamil Nadu by Thiru. S. Nandhagopal - For Terms of Reference. (SIA/TN/MIN/529996/2025)</p>	11968	<p>The Authority noted that the subject was placed in the 565th Meeting of SEAC-II held on 15.05.2025. After detailed discussions, the Authority accepts the recommendation of SEAC-II and decided to grant Terms of Reference (ToR) along with Public Hearing for the quantity of 2,31,510 m³ of rough stone and 30,964 m³ of gravel upto the depth of 42m BGL as per the approved mining plan, under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC-II & normal conditions & the conditions mentioned in 'Annexure B' of this minutes.</p> <p>1.The PP shall furnish the consent lease deed from all the joint pattadhar of the proposed quarry site.</p>


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8.	Proposed Rough stone & Gravel Quarry lease over an extent of 3.68.50 Ha at S.F. Nos. 976 (Part), 977 (Part) & 978 (Part), Chezhanallur Village, Manur Taluk, Tirunelveli District Tamil Nadu by Thiru. H. Amjad Pakkir Mohideen - For Terms of Reference. (SIA/TN/MIN/531523/2025)	12001	The Authority noted that the subject was placed in the 565 th Meeting of SEAC-II held on 15.05.2025. After detailed discussions, the Authority accepts the recommendation of SEAC-II and decided to grant Terms of Reference (ToR) along with Public Hearing for the quantity of 7,61,175 m³ of rough stone and 90,546 m³ of gravel upto the depth of 68m BGL as per the approved mining plan, under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC-II & normal conditions & the conditions mentioned in 'Annexure B' of this minutes.
9.	Existing Construction of IT Building in ELCO-SEZ at S.F.Nos. 439/1pt of Vilankurichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by M/s. Electronics Corporation of Tamil Nadu Limited - Request for Bank Guarantee Validity Extension.	8140	Earlier, the subject was placed in the 805 th authority meeting held on 03.04.2025. The Authority noted that M/s. Electronics Corporation of Tamil Nadu Limited has obtained Environmental Clearance under the violation category for the proposed construction of the IT Building in ELCO-SEZ vide Letter No. SEIAA-TN/F.No.8140/2020/EC/8(a)/1041/2024 dated 23.09.2024. Since it comes under the violation category, The proponent vide letter dated.20.09.2024


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		<p>has furnished the copy of Bank Guarantee obtained in favour of TNPCB (BG No.070242BG0B00196) as recommended by SEAC.</p> <p>Now, the PP has made a request vide letter ELCOT-ITPD/EC/ELCOSEZ-SHN, CHN VIL, CMBT/09-2024, dated 11.03.2025, stating the following:</p> <p><i>“Environmental Clearance was issued on 24.09.2024 to ELCOT IT Building at Vilankurichi, Coimbatore. Based on EC requirements, an estimated amount of Rs.2.00 Crore was submitted as Bank Guarantee to Tamil Nadu Pollution Control Board.</i></p> <p><i>It is kindly submitted that the tender works is in progress for the aforementioned works. Due to change in management, an extension of six months is kindly requested to complete the BG works by February 2026.”</i></p> <p>In the view of the above, Authority after detailed deliberation decided to forward the proponent’s request to SEAC-II to obtain its remarks regarding an extension of Bank Guarantee.</p> <p>The subject was then placed before the 833rd Authority meeting held on 03.06.2025. The Authority noted that the matter had been appraised during the 565th SEAC-II meeting held on</p>
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			<p>15.05.2025, wherein SEAC-II recommended granting a six-month extension for the validity of the Bank Guarantee.</p> <p>After detailed discussions, the Authority decided to recommend a six-month extension, extending the validity of the Bank Guarantee up to 23.03.2026.</p>
10.	Existing Rough stone and Gravel Quarry lease over an Extent of 0.78.0 Ha in S.F.Nos. 11/1A1(P) & 244/3B(P) at Naranapuram and Iduvai Village of Palladam & Tiruppur Taluk, Tiruppur District, Tamil Nadu by Thiru.R.Palanisamy – For Environmental Clearance. (SIA/TN/MIN/263282/2022)	9187	<p>The Authority noted that the subject was placed in the 565th Meeting of SEAC-II held on 15.05.2025. SEAC-II has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The authority, during deliberations called for the following details,</p> <ol style="list-style-type: none"> 1. The Project Proponent shall furnish the details of the existing quarry and submit the Certified Compliance Report (CCR) obtained from the Regional Office (RO) of MoEF&CC, Chennai, accordingly. <p>On receipt of the same, further deliberations will be done.</p>
11.	Proposed for Rough Stone and Gravel Quarry lease area over an extent 1.54.61 Ha at S.F. Nos.: 721/2, 721/3A & 725/3B (P) in Mecode Village, Thiruvattar Taluk, Kanniyakumari District, Tamil Nadu by	10681	<p>Earlier, the subject was placed in the 808th authority meeting held on 16.04.2025. The authority noted that the Earlier, the subject was placed in the 455th meeting of SEAC held on</p>


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<p>Thiru.M. George Rajan - For Environmental Clearance. (SIA/TN/MIN/537984/2025)</p>	<p>27.03.2024. The SEAC did not recommend the proposal for the grant of Environmental Clearance for the reasons stated therein.</p> <p>Subsequently, the subject was placed in the 714th meeting of SEIAA held on 24.04.2024. After detailed discussions, the Authority agreed with the recommendations of SEAC and rejected the proposal for the same.</p> <p>In continuation, rejection letter has been communicated to the PP vide EC24C0108TN5501484N dated 10.05.2024</p> <p>Meanwhile, the PP has filed an appeal before Hon'ble NGT(SZ) vide Appeal No. 48 of 2024 (SZ). The final judgement of the appeal was delivered on 26.03.2025.</p> <p>The order of the Hon'ble NGT(SZ), dated 26.03.2025, stated the following: "...In light of the above facts, the appeal [Appeal No.48 of 2024 (SZ)] is allowed, setting aside the impugned order of rejection passed by the SEIAA – Tamil Nadu dated 10.05.2024 and remanded the matter back to the SEIAA – Tamil Nadu for re-evaluation of the proposal for grant of Environmental Clearance and pass appropriate orders within a period of 4 (Four) weeks from the date of this order, after affording an opportunity of a personal hearing to the</p>
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		<p>appellant.”</p> <p>In view of the above, the order of the Hon’ble NGT(SZ) dated 26.03.2025 was placed in the 806th meeting of SEIAA held on 04.04.2025.</p> <p>The Authority, after detailed discussions, decided to conduct a Personal Hearing for the PP on 16.04.2025 at 11.30 AM.</p> <p>Accordingly, the PP appeared before the Authority on 16.04.2025 at 11.30 AM. The applicant and the appellant himself came and attended the Personal Hearing and also submitted a written letter to the Authority.</p> <p>Hence, the Authority, decided to forward the letter dated 16.04.2025 of the applicant and the appellant and the copy of Hon’ble NGT(SZ) judgement order dated 26.03.2025 to SEAC-II for re-evaluation of the proposal for the grant of Environmental Clearance as ordered by the Hon’ble NGT(SZ) dated 26.03.2025. The time limit prescribed by the Hon’ble NGT(SZ) may also be considered for expeditious disposal of this subject.</p> <p>Then the proposal was placed in the 565th meeting of SEAC-II held on 15.05.2025. Furthermore, the PP has submitted a fresh online application vide SIA/TN/MIN/537984/2025 dated 16.05.2025 for the reconsideration of</p>
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the proposal. The committee has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.

After detailed discussions, the Authority taking into account the recommendations of SEAC-II and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance as per the approved mining plan for the quantity of 1,50,048.595m³ of Rough stone & 16261.76m³ of gravel up to the depth of 50m (15m AGL & 35m BGL) and the annual peak production should not exceed 30,009.875m³ of Rough stone & 4,018m³ of gravel. This is also subject to the conditions imposed by SEAC-II, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine



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		<p>plan period.</p> <ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC Conditions and to ensure that they have all been adhered to and implemented 3. The project proponent shall submit a Certified Compliance Report obtained from RO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life. 4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & RO of MoEF&CC once in every 6 months. 5. The proponent shall strictly adhere to the mining plan and
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half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & RO of MoEF&CC

6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & RO of MoEF&CC.
7. The progressive and final mine closure plan including the green belt implementation and Environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & RO of MoEF&CC
8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-


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monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiatn@gmail.com.

9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections

10. The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign "Ek Ped Ma Ke Naam" and the details of the same shall be uploaded in the MeriLiFE


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			Portal (https://merilife.nic.in).
12.	Proposed Rough Stone & Gravel quarry over an extent of 3.16.5 Ha in S.F. Nos. 26/1A, 26/1B, 26/2, 27/1A, 27/1B, 27/1C, 27/2A, 27/2B, 27/2C and 28/1 Meerankulam-I Village, Sathankulam Taluk, Thoothukudi District Tamil Nadu by M/s. Sun Ram Blue Metals (P) Ltd., Thiru.G.Karuppasamy (Director) - For Environmental Clearance. (SIA/TN/MIN/495050/2024)	11297	<p>The authority noted that the proposal was placed in the 565th SEAC-II Meeting held on 15.05.2025. SEAC-II has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC-II and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance as per the approved mining plan for the quantity of 3,96,080m³ of Rough stone up to the depth of 48m BGL as per the approved mining plan and the annual peak production should not exceed 81,190m³ of Rough stone from the date of issue of Environmental Clearance. This is also subject to the conditions imposed by SEAC-II, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is</p>


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		<p>valid as per the approved mine plan period.</p> <ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC Conditions and to ensure that they have all been adhered to and implemented 3. The project proponent shall submit a Certified Compliance Report obtained from RO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life. 4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & RO of MoEF&CC once in every 6 months. 5. The proponent shall strictly
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adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & RO of MoEF&CC

6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & RO of MoEF&CC.

7. The progressive and final mine closure plan including the green belt implementation and Environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & RO of MoEF&CC

8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are



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		<p>directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiatn@gmail.com.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections</p> <p>10. The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign “<i>Ek Ped Ma Ke Naam</i>” and the details of the same shall be</p>
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			uploaded in the MeriLiFE Portal (https://merilife.nic.in).
13.	Proposed Expansion of IT Park Building located at S.F.No.307/2, 308/1,2,309/1,2,3,4,5,6,7,310/2,3,4,311/1,2,3 of Keeranatham Village, Annur Taluk, Coimbatore District, Tamil Nadu by M/s. India Land Tech Park Private Limited - For Environmental Clearance. (SIA/TN/INFRA2/522615/2025)	11805	<p>The authority noted that the subject was placed in the 565th SEAC-II meeting held on 15.05.2025. SEAC-II has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority accepts the recommendation of SEAC-II and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC-II & normal/standard conditions stipulated by MoEF&CC and the following conditions and the conditions in Annexure 'C' of this minutes.</p> <ul style="list-style-type: none"> i) The building plan & design should strictly adhere to LCA norms. ii) The building geometry, design & engineering should ensure congestion free atmosphere within and outside. iii) The wind direction & the aerodynamics should not be disturbed because of the proposed building. iv) The building design should


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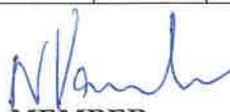

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		<p>not impair the visibility of structures & features around</p> <p>v) There should be enough green space within and outside the building.</p> <p>vi) The building design and engineering should not lead to oxygen starvation</p> <p>vii) Cool roofs should be provided to curtail heat absorption</p> <p>viii) As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiaatn@gmail.com.</p> <p>ix) The plantation of saplings</p>
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			shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign “Ek Ped Ma Ke Naam” and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).
14.	Proposed Rough Stone Quarry lease over an extent 2.00.0Ha in S.F.No. 12 (Part) of Manickampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.M.Sabarieswar - For Environmental Clearance. (SIA/TN/MIN/509049/2024)	11518	The Authority noted that the subject was placed in the 565 th Meeting of SEAC-II held on 15.05.2025. The SEAC-II has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC-II and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 2,28,910 m ³ of rough stone up to the depth of 60m (40m AGL & 20m BGL) and the annual peak production should not exceed 46,430 m ³ of Rough Stone. This is also subject to the conditions imposed by SEAC-II, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure ‘A’ of this minutes.


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		<ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented. 3. The project proponent shall submit a Certified Compliance Report obtained from RO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life. 4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same
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		<p>should be submitted to TNPCB, SEIAA & RO of MoEF&CC once in every 6 months.</p> <p>5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & RO of MoEF&CC.</p> <p>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & RO of MoEF&CC.</p> <p>7. The progressive and final mine closure plan including the green belt implementation and Environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & RO of MoEF&CC.</p>
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		<p>8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiaatn@gmail.com.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>10. The plantation of saplings shall be carried out in the earmarked greenbelt area as a</p>
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			part of the tree plantation campaign “Ek Ped Ma Ke Naam” and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).
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15.	<p>File No:11766</p> <p>Proposed Ordinary Earth Quarry lease over an extent of 0.43.0Ha at S.F.No. 194/7, Vairavankulam Village, Kadayanallur Taluk, Tirunelveli District, Tamil Nadu by B. Sathish – For Environmental Clearance. (SIA/TN/MIN/519812/2025)</p> <p>The authority noted that the subject was placed in the 565th SEAC-II meeting held on 15.05.2025 and the committee decided to request SEIAA to re-examine the possibility of allowing the proposed activity for the consideration of PP’s request.</p> <p>The Authority, during deliberations, noted that: MOEF&CC issued a Notification vide S.O. 2794 (E) dated 02.08.2019 on “Nellai Wildlife Sanctuary” wherein it is stated that,</p> <p>List of activities prohibited or to be regulated within Eco-sensitive Zone:- All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment Act and the rules made thereunder including the Coastal Regulation Zone, 2011 and the Environmental Impact Assessment Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">S. No. (1)</th> <th style="text-align: center;">Activity (2)</th> <th style="text-align: center;">Description (3)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Commercial mining, stone quarrying and crushing units.</td> <td>(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for personal</td> </tr> </tbody> </table>	S. No. (1)	Activity (2)	Description (3)	1.	Commercial mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for personal
S. No. (1)	Activity (2)	Description (3)					
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		<p>consumption;</p> <p>(b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme Court dated the 4th August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated the 21st April, 2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.</p>	
<p>Further, it is stated in Para 6 (3) that</p> <p><i>"The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification"</i>.</p> <p>In view of the above, the Authority decided to refer back the proposal to SEAC-II stating that the proposal for ordinary earth quarrying for the domestic needs should be submitted by the applicant to the District level Monitoring Committee formed to monitor the provisions of ESZ Notification. SEIAA/SEAC may consider only such proposals if they are meant for commercial purposes alone.</p>			
16.	<p>Proposed Rough stone & Gravel Quarry lease over an extent of 4.40.0 Ha at S.F. Nos. 775/1E (P), 776/3, 777/1, 778/1A (P), 807/2B & 807/2C2 of Anjur Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru.P. Ravi - For Terms of Reference. (SIA/TN/MIN/431873/2023)</p>	10139	<p>The authority noted that the proponent had submitted a letter dated 21.05.2025 requesting the authority to accept the withdrawal request of the Online Proposal No.SIA/TN/MIN/431873/2023, dated: 20.07.2023 in accordance with the law.</p> <p>In view of the above, the Authority after detailed deliberations, decided to accept the request of the proponent to</p>


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			withdraw the ToR application. Hence, the file may be closed & recorded.
17.	Proposed Rough stone and Gravel Quarry of over an extent of 12.56.5 Ha at Survey Nos. 760/1, 760/2, 762/1, 762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District, Tamil Nadu by Thiru. D. Mohanraj - For Environmental Clearance. (SIA/TN/MIN/401969/2022)	9665	<p>Earlier, the subject was placed in the 787th authority meeting held on 08.01.2025. After detailed discussions, the Authority decided to call for the additional particulars stated therein.</p> <p>On receipt of PP's reply, the proposal was placed in the 833rd Authority meeting held on 03.06.2025.</p> <p>The authority noted the reply furnished by the PP and after detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance as per the approved mining plan for the quantity of 20,18,520m³ of Rough stone & 2,73,738m³ of gravel up to the depth of 28m BGL and the annual peak production should not exceed 4,12,440m³ of Rough stone & 1,24,371m³ of gravel. This is also subject to the conditions imposed by SEAC-II, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this</p>



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		<p>minutes.</p> <ol style="list-style-type: none"> 1. As committed, the PP shall strictly adhere to all the additional conditions imposed by PCCF vide Ref. No. WL5/26321/2024 dated 12.12.2024. 2. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 3. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC Conditions and to ensure that they have all been adhered to and implemented 4. The project proponent shall submit a Certified Compliance Report obtained from RO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the
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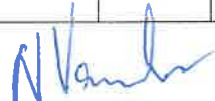

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		<p>mining plan to cover the project life.</p> <p>5. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & RO of MoEF&CC once in every 6 months.</p> <p>6. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & RO of MoEF&CC</p> <p>7. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & RO of MoEF&CC.</p> <p>8. The progressive and final mine closure plan including the green belt implementation and Environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in</p>
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		<p>EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & RO of MoEF&CC</p> <p>9. As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiaatn@gmail.com.</p> <p>10. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report</p>
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			<p>submitted and also should be brought to the notice of concerned authorities during inspections</p> <p>11. The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign “<i>Ek Ped Ma Ke Naam</i>” and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).</p>
18.	Proposed Expansion of Industrial Shed Plot No: B46, B47, B48 & B49, SPICOT Industrial Growth centre, S.NO. 1851 (Pt), Gangaikondan Village, Tirunelveli District, Tamilnadu by M/s. Nova Carbons India Private Limited – For Environmental Clearance (SIA/TN/INFRA2/522385/2025)	11947	<p>Earlier, the subject was placed in the 830th authority meeting held on 28.05.2025. The Authority decided to defer the proposal for obtaining additional particulars from the proponent stated therein.</p> <p>On receipt of PP’s reply dated 02.06.2025, the proposal was placed in the 833rd Authority meeting held on 03.06.2025.</p> <p>The authority noted the reply furnished by the PP and after detailed discussions, the Authority accepts the recommendation of SEAC-II and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC-II & normal/standard conditions stipulated by MoEF&CC and the following</p>



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		<p>conditions and the conditions in Annexure 'C' of this minutes.</p> <ul style="list-style-type: none"> i) The building plan & design should strictly adhere to LCA norms. ii) The building geometry, design & engineering should ensure congestion free atmosphere within and outside. iii) The wind direction & the aerodynamics should not be disturbed because of the proposed building. iv) The building design should not impair the visibility of structures & features around. v) There should be enough green space within and outside the building. vi) The building design and engineering should not lead to oxygen starvation. vii) Cool roofs should be provided to curtail heat absorption. viii) As per the OM vide F. No. IA3-22/1/2022-IA-III [E-172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions
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		<p>prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiatn@gmail.com.</p> <p>ix) The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign “Ek Ped Ma Ke Naam” and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).</p>
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ANNEXURE ‘A’ – FOR MINING EC

a) EC Compliance:

1. The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2. All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full.
3. The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).


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4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

b) Applicable Regulatory Frameworks:

5. The project proponent shall strictly adhere to the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment(Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, Minor Mineral Conservation &Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006, Wildlife Protection Act, 1972, Forest Conservation Act, 1980, Biodiversity Conservation Act, 2016, the Biological Diversity Act, 2002, Biological diversity Rules, 2004 & TN Forest Act, 1882 and Rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.

c) Safe mining Practices:

6. The AD/DD, Dept. of Geology & Mining shall ensure operation of the proposed quarry after the submission of slope stability study conducted through the reputed research & Academic Institutions such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories, etc., and ensure strict compliance and implementation of bench wise recommendations/action plans as recommended in the scientific slope stability study.
7. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

d) Water Environment– Protection and mitigation measures:

8. The proponent shall ensure that the activity does not disturb the water bodies, neighboring open wells, bore wells and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area nor effect the water quality and water quantity in the water sources.
9. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report.


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10. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.
11. Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
12. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
13. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.

e) Air Environment– Protection and mitigation measures:

14. The activity should not result in CO2 release and temperature rise and add to micro climate alternations.
15. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

f) Soil Environment– Protection and mitigation measures:

16. The proponent shall ensure that the operations neither result in loss of soil biological properties and nutrients nor deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community and result in eutrophication of soil and water. Further, the activities should not disturb the soil properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health.
17. Bio remediation using microorganisms should be carried out to restore the soil Environment to enable carbon sequestration.
18. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin composting, Biofertilizers and the topsoil is protected and used in planting activities, site restoration and establishment of green belt in the area to ensure soil health and biodiversity


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conservation.

19. The top soil shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geotextile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.
20. Activities should not result in invasion of site by exotic and alien plant and animal species and disturb the native biodiversity and soil micro flora and fauna.

g) Noise Environment– Protection and mitigation measures:

21. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines. The activity of the proponent should not effect the biological clock of the villages resulting in stress, sleeping disorders affecting health.

h) Biodiversity - Protection and mitigation measures:

22. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological Environment and other natural resources due to the mining activities.
23. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around. Also, the activities should not disturb the agro biodiversity, agro farms, green lands and grazing fields of all types. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.
24. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to


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protect the biodiversity and natural resources in the area.

i) Climate Change:

25. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.
26. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
27. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.
28. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
29. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

j) Reserve Forests & Protected Areas:

30. The activities should provide nature-based support and solutions for forest protection and wildlife conservation.
31. The project activities should neither result in forest fires, encroachments nor create forest fragmentation and disruption of forest corridors and alter the geodiversity and geological heritage of the area.
32. There should be no disturbance to the freshwater flow from the forest impacting the water table and wetlands.
33. The project proponent should support all activities of the forest department in creating awareness to local communities on forest conservation.
34. The activities should not result in temperature rise due to increased fossil fuels usage disrupting the behaviour of wildlife and flora.
35. The activities should support and recognise the rights and roles of indigenous people and local communities and also support sustainable development.
36. The project activities should support the use of renewables for carbon capture and carbon storage in the project site and forest surrounds.
37. The project activities should not result in changes in forest structure, habitats and genetic diversity within forests.

k) Green Belt Development:

38. The proponent shall ensure that in the green belt development more indigenous trees species as suggested in Appendix of SEAC Minutes are planted and that the area is restored and


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rehabilitated with native trees .

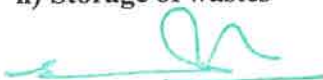
l) Workers and their protection:

39. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.
40. The proponent has to provide insurance protection to the workers and the working hours and wages shall be implemented/enforced as per the Mines Act, 1952 in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.

m) Transportation:

41. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the Environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centres.
42. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt- conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

n) Storage of wastes



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43. The project proponent shall store/dump the waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.

o) CER/EMP:

44. The CER should be fully Implemented and fact reflected in the Half-yearly compliance report.

45. The EMP shall also be implemented in consultation with local self-government institutions & Govt. departments as indicated in SEAC meeting.

p) Directions for Reclamation of mine sites:

46. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.

47. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.

48. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and


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plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.

49. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc., of pioneering spices should be collected, preserved and used in restoring the site. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self- sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses.
50. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoil should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of over burden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. Efforts should to taken to aesthetically improve the mine site. Action taken for restoration of the site should be specifically mentioned in the EC compliances.

ANNEXURE 'B' – MINING TOR

Cluster Management Committee

1. Cluster Management Committee shall be framed which must include all the proponents in the cluster as members including the existing as well as proposed quarry.
2. The members must coordinate among themselves for the effective implementation of EMP as committed including Green Belt Development, Water sprinkling, tree plantation, blasting etc.,
3. The List of members of the committee formed shall be submitted to AD/Mines before the execution of mining lease and the same shall be updated every year to the AD/Mines.
4. Detailed Operational Plan must be submitted which must include the blasting frequency with respect to the nearby quarry situated in the cluster, the usage of haul roads by the individual



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- quarry in the form of route map and network.
5. The committee shall deliberate on risk & emergency management plan, fire safety & evacuation plan and sustainable development goals pertaining to the cluster in a holistic manner especially during natural calamities like intense rain and the mitigation measures considering the inundation of the cluster and evacuation plan.
 6. The Cluster Management Committee shall form Environmental Policy to practice sustainable mining in a scientific and systematic manner in accordance with the law. The role played by the committee in implementing the Environmental policy devised shall be given in detail in the EIA Report.
 7. The committee shall furnish action plan regarding the restoration strategy with respect to the individual quarry falling under the cluster in a holistic manner.
 8. The committee shall deliberate on the health of the workers/staff involved in the mining as well as the health of the public in the vicinity.


Agriculture & Agro-Biodiversity

9. Impact on surrounding agricultural fields around the proposed mining Area.
10. Impact on soil flora & vegetation around the project site.
11. Details of type of vegetation including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetation all along the boundary of the proposed mining area shall committed mentioned in EMP.
12. The Environmental Impact Assessment should study the agro-biodiversity, agro- forestry, horti-cultural plantations, the natural ecosystem, the soil micro flora, fauna and soil seed banks and suggest measures to maintain the natural Ecosystem.
13. Action should specifically suggest for sustainable management of the area and restoration of ecosystem for flow of goods and services.
14. The project proponent shall study and furnish the impact of project on plantations in adjoining patta lands, Horticulture, Agriculture and livestock.

Forests

15. The project proponent shall detailed study on impact of mining on Reserve forests and free ranging wildlife.
16. The Environmental Impact Assessment should study impact on forest, vegetation, endemic, vulnerable and endangered indigenous flora and fauna.
17. The Environmental Impact Assessment should study impact on standing trees and the


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existing trees should be numbered and action suggested for protection.

18. The Environmental Impact Assessment should study impact on protected areas, Reserve Forests, National Parks, Corridors and Wildlife pathways, near project site.

Water Environment

19. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies 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, covering the entire mine lease period.
20. Erosion Control measures.
21. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the nearby Villages, Water-bodies/ Rivers, & any ecological fragile areas.
22. The project proponent shall study impact on fish habitats and the food WEB/ food chain in the water body and Reservoir.
23. The project proponent shall study and furnish the details on potential fragmentation impact on natural Environment, by the activities.
24. The project proponent shall study and furnish the impact on aquatic plants and animals in water bodies and possible scars on the landscape, damages to nearby caves, heritage site, and archaeological sites possible land form changes visual and aesthetic impacts.
25. The Terms of Reference should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components.
26. The Environmental Impact Assessment should study on wetlands, water bodies, rivers streams, lakes and farmer sites.
27. The EIA shall include the impact of mining activity on the following:
- a) Hydrothermal/Geothermal effect due to destruction in the Environment.
 - b) Bio-geochemical processes and its foot prints including Environmental stress.
 - c) Sediment geochemistry in the surface streams.

Energy

28. The measures taken to control Noise, Air, Water, Dust Control and steps adopted to efficiently utilise the Energy shall be furnished.

Climate Change

29. The Environmental Impact Assessment shall study in detail the carbon emission and also



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suggest the measures to mitigate carbon emission including development of carbon sinks and temperature reduction including control of other emission and climate mitigation activities.

30. The Environmental Impact Assessment should study impact on climate change, temperature rise, pollution and above soil & below soil carbon stock, soil health and physical, chemical & biological soil features.

31. Impact of mining on pollution leading to GHGs emissions and the impact of the same on the local livelihood.

Mine Closure Plan

32. Detailed Mine Closure Plan covering the entire mine lease period as per precise area communication order issued.

EMP

33. Detailed Environment Management Plan along with adaptation, mitigation & remedial strategies covering the entire mine lease period as per precise area communication order issued and the scope for achieving SDGs.

34. The Environmental Impact Assessment should hold detailed study on EMP with budget for Green belt development and mine closure plan including disaster management plan.

Risk Assessment

35. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.

Disaster Management Plan

36. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities covering the entire mine lease period as per precise area communication order issued.

Others

37. The project proponent shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological sites, Structures, railway lines, roads, water bodies such as streams, odai, vaari, canal, channel, river, lake pond, tank etc.

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 address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

39. The project proponent shall study and furnish the possible pollution due to plastic and



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microplastic on the Environment. The ecological risks and impacts of plastic & microplastics on aquatic Environment and fresh water systems due to activities, contemplated during mining may be investigated and reported.

ANNEXURE 'C' – CONSTRUCTION EC

Climate Change

1. The proponent shall adopt strategies to decarbonize the building, reduce carbon footprints and develop strategies for climate proofing and mitigation.
2. The proponent shall adopt strategies to reduce carbon & GHG emissions during operation (operational phase and building materials).
3. The proponent shall adopt methodology to control thermal Environment and other shocks in the building.
4. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
5. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
6. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.
7. The proponent shall ensure that the buildings does not cause any damage to water Environment, air quality and should be carbon neutral building.

Health

8. The proponent shall adopt strategies to maintain the health of the inhabitants within and in the vicinity.

Energy

9. The proponent shall adopt strategies to reduce electricity demand and consumption.
10. The proponent shall provide provisions for automated energy efficiency.
11. The proponent shall provide provisions for controlled ventilation and lighting systems.
12. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.

Regulatory Frameworks

13. The proponent shall effectively implement and strictly adhere to the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended,



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Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.

14. The proponent shall provide elevator as per rules CMDA/DTCP.

Database maintenance & audits

15. The database record of Environmental conditions of all the events from pre- construction, construction and post-construction should be maintained in digitized format.

16. The proponent should maintain Environmental audits to measure and mitigate Environmental concerns.

Biodiversity

17. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.

18. The proponent shall adopt sustainability criteria to protect the micro-Environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.

19. The proponent shall ensure utmost safety for the existing biodiversity, trees, flora & fauna and the critically endangered species & endangered species shall not disturb under any circumstances.

20. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.

21. The proponent shall adopt strategies to prevent birds getting hit by the high buildings.

Safety measures

22. The proponent should develop an emergency response plan & safety evacuation plan (including disabled people) in addition to the disaster management plan.

23. All bio-safety standards, hygienic standards and safety norms of working staff to be strictly followed as stipulated in EIA/EMP.

24. The disaster management/disaster mitigation standards& fire safety standards as prescribed by competent authorities.

25. The proponent shall provide the emergency exit in the buildings.

Water/Sewage

26. The proponent shall ensure that no untreated sewage is let outside the project site under any circumstances. Further, the treated water shall not be disposed off through any other means other than the permitted mode of disposal.


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27. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
28. The proponent shall periodically test the treated sewage through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB & RO of MoEF&CC.
29. The proponent shall ensure that provision should be given for proper utilization of recycled water.
30. The project proponent shall adhere to storm water management plan as committed.

Parking

31. The project proponent shall provide sufficient parking space for the visitors and sufficient space shall be made inside the project area for free turn of vehicles, so as to avoid traffic congestion inside the premises. Separate In-gate and out gate shall be provided for the vehicular movement.

Solid waste Management

32. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
33. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.

EMP

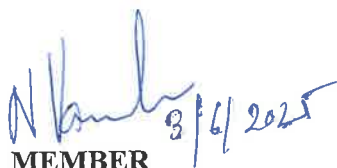
34. The proponent shall strictly adhere to the EIA/EMP report.
35. The proponent shall ensure that the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.

Others

36. As per the 'Polluter Pay Principle', the proponent will be held responsible for any Environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.
37. The project proponent shall adhere to height of the buildings as committed.



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