

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

**Minutes of the Meeting of 215th State Expert Appraisal Committee (SEAC) held on 29<sup>th</sup> June 2021 (Tuesday) for Synthetic organic chemicals Industry, Townships and Area Development projects & Mining Projects through video conference.**

Agenda No: 215-01 (File No: 795/2013)

Proposed Colour Granite quarry lease over an extent of 5.58.5Ha at S.F.Nos.37/15B2 of Kommedu Village, Gingee Taluk, Viluppuram District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited - For Terms of Reference

(SIA/TN/MIN/62815/2021, dated: 28.04.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. 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. Tamil Nadu Minerals Limited, has applied for Terms of Reference for the proposed Colour Granite quarry lease over an extent of 5.58.5ha at S.F.Nos. 37/15B2 of Kommedu Village, Gingee Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 13251cu.m of Colour Granite should not exceed for ultimate depth of mining, which is 30m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.
5. Earlier EC obtained from SEIAA-TN vide Lr.No.SEIAA-TN/F.No.795/EC/1(a)/1175/2013 dated: 27.03.2014,

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It was noted for this project Auto-ToR has been issued on 23.06.2021. This would have happened under the following conditions as per MoEF notification, OM dated 17th Feb 2020.

- (i) No ToR has been issued by MS SEIAA within 7 days of receipt of application and there are no other environmental issues that have been emphasized.
- (ii) The file has not been transferred to SEAC by the SEIAA office for the appraisal and issue of ToR within 30 days.

The committee felt that SEIAA office should be vigil on this particular aspect so that this kind of lapse will not occur in future.

As per rule Auto ToR was granted, hence the committee has not taken up the file for appraisal in order to issue the ToR.

Agenda No: 215-02 (File No: 5233/2016)

Expansion of residential building complex project at S.F.Nos.1380/1, 1382, 1383, 1401/97, 1401/22B, 1401/22C, 1401/23A1, 1401/23A2, 1401/23A3, 1401/23B, 1401/24A, 1401/24B, 1401/24C, 1401/24D, 1401/25, 1401/26, 1401/27A, 1401/27B1, 1401/27B2, 1401/28A, 1401/28B, 1401/29A, 1401/29B1, 1401/29B2, 1401/30A, 1401/30B1, 1401/30B2, 1401/31A, 1401/31B1, 1401/31B2, 1401/32, 1401/33, 1401/42B1 & 1485 of Thaiyur B Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu by M/s. PBEL Property Development (India) Private Limited - For Terms of Reference under Violation.

(SIA/TN/NCP/35390/2019, dated: 27.04.2019)

The SEAC noted the following:

1. The project proponent, M/s. PBEL Property Development (India) Private Limited has applied for Terms of Reference for the Expansion of residential building complex project at S.F.Nos. 1380/1, 1382, 1383, 1401/97, 1401/22B, 1401/22C, 1401/23A1, 1401/23A2, 1401/23A3, 1401/23B, 1401/24A, 1401/24B, 1401/24C, 1401/24D, 1401/25, 1401/26, 1401/27A, 1401/27B1, 1401/27B2, 1401/28A, 1401/28B, 1401/29A, 1401/29B1, 1401/29B2, 1401/30A, 1401/30B1, 1401/30B2, 1401/31A, 1401/31B1, 1401/31B2, 1401/32, 1401/33, 1401/42B1 & 1485 of Thaiyur

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B Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The Earlier EC obtained SEIAA-TN vide Lr.No.SEIAA-TN/F.2375/EC/8(a)/402/2014 dated: 01.04.2015 for plot area is 167170sq.m, builtup area is 78051.67sq.m project comprises of BlockA1- Stilt(Parking)+14 floors-112 units; BlockA2- Stilt(Parking)+14 floors-112 units; BlockB1- Stilt(Parking)+14 floors-84 units; BlockB2- Stilt(Parking)+14 floors-84 units; BlockC1- (EWS)-Stilt(Parking)+11 floors-132 units; Block D1- (Duplex villa-1)-G+2 floors-8 units; Block E1- (Duplex villa-2)-G+2 floors-8 units; Block F1- (Duplex villa-3)-G+2 floors-8 units; Block G1- G8 (villa-1)-G+2 floors-8 units(1 dwelling unit per block x 8 Blocks); Block H1- H8 (villa-1)-G+2 floors-8 units(1 dwelling unit per block x 8 Blocks); Block J1- J12 (Town house-1)-G+2 floors-12 units(1 dwelling unit per block x 12 Blocks); Block K1- K13 (Town house-2)-G+2 floors-13 units(1 dwelling unit per block x 13 Blocks); club house-basement +GF+ First Floor(FF), (Basement + GF + Restaurant, multipurpose hall, Departmental store& day care center, FF- Indoor games) and expected occupancies-3387.
4. Certificated compliance report from MoEF & CC regional office monitoring projectsite on 05.01.2017 stating that,

*"EC has been applied to construct residential buildings on a 167170sq.m land with both high-rise buildings and low-rise buildings with a total construction area of 78052sq.m. Due to sluggish residential market conditions, the plans to construct the low-rise buildings (villas and row houses) have been shelved. A revised proposal with another 2 high-rise buildings replacing the villas and row houses has been prepared by PBEL and EC for the same has been applied.*

*Construction is being taken up in phases as per market demand.*

*The construction of 4 high-rise buildings total with built-up area of 49117sq.m started in April 2015.*

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Dr. S. SELVAN  
Member Secretary  
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Chennai-15

*At present 2 buildings with 194 flats have been completed and 2 more are nearing completion and expected to be completed by April 2017.*

*The 4 high rise buildings with stilt+14 floors are of 2 types: Type1 has 2 buildings with 112 flats each=224 flats*

*Type2 has 2 buildings with 82 flats each=164 flats Total  
no. of flats on these 4 buildings are=388 flats"*

The proposal was placed in the 149<sup>th</sup> SEAC Meeting held on 14.03.2020. The project proponent gave detailed presentation.

It was noted from the checklist submitted from the SEIAA office that the project falls under the normal category, whereas the project proponent during presentation informed that the project falls under violation category and the application was filed prior to the violation notification issued by the MoEF & CC. Hence, the committee decided to clarify from the SEIAA office whether the proponent has filed the application in the violation as per the MoEF & CC guidelines.

SEAC decided that on receipt of the above details, the proponent would make a presentation for further consideration of the proposal.

The subject was placed in the 406<sup>th</sup> SEIAA meeting held on 21.10.2020 & 22.10.2020. After detailed discussion the Authority decided to request the Member Secretary to give necessary clarification as requested by SEAC in its 149<sup>th</sup> SEAC meeting and refer back the proposal to SEAC for further course of action.

The subject was once again placed in the 188<sup>th</sup> SEAC meeting held on 18.12.2020. SEAC decided that O/o SEIAA shall furnish a detailed note on the history of the project proposal as available in the back files pertaining to the said project such as details of earlier EC etc in this regard and on receipt of the same, the committee will further deliberate on this project and decide the further course of action.

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SEAC - TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

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Further, the proponent has stated that based on the MoEF & CC OM dated 15th & 16th March 2018, wherein the powers have been delegated to the SEIAA/SEAC in the case of 8(a) & 8(b) category projects in the matter of appraisal & accordance of EC and in which the directions were given to SEIAA to accept the proposals with the stipulated window period. As per these aforesaid OM, we submitted the hard copy application to SEIAA on 18.01.2021. It may be noted that our ToR application was submitted during the said window period, as specified in the recent MOEF & CCs, OM vide F. No. 22- 10/2019-IA.III dated 09.09.2019.

In view of the above, the proponent request to consider Terms of Reference (ToR) under violation notification and to consider his proposal for seeking Environmental Clearance.

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

As per SEAC 188<sup>th</sup> minutes dated 18.12.2020, the concerned Engineer should prepare and submit a note to committee. The concerned Engineer has not submitted the note.


Further the SEAC noted that the online application submitted by the project proponent on 27/04/2019.

The Office Memorandum of MoEF & CC dated 09/09/2019 has stated the following.


"..... 4. Further, Ministry vide Notification S.O 1030 (E) dated 08.03.2018 amended the Notification S.O 804 (E) dated 14.03.2017 and delegated the power to the States for appraisal of category "B" proposals which are under violation of EIA Notification.

5. Subsequently, the Ministry Issued an OM dated 15.03.2018 for the implementation of Notification S. O 1030 (E) dated 08.03.2018. All the category B proposals were transferred to the concerned State Level Environment Impact Assessment Authority (SEIAA).

6. The Hon'ble High Court of Madras vide order dated 14.03.2018 was of the view that it will serve the ends of justice if time is extended by 30 (thirty) days from the date of delivery of the order, thereby extending the time till 13th April 2018, providing time for violators to apply as per the provisions of Notification S.O 804 (E). Therefore, again a one-month window was

  
MEMBER SECRETARY  
SEAC- TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

  
CHAIRMAN  
SEAC - TN

Dr. S. MOHAN  
Chairman  
SEAC - TN  
Chennai-15



given from the date of order of Hon'ble High court (14.03.2018-13.04.2018) to submit proposals under violation of EIA Notification. The Ministry has issued OM dated 16.03.2018 for the compliance of the order dated 14.03.2018 of Hon'ble High court of Madras.


7. Proposals involving violation of EIA Notification, which had applied during the window (14.03.2017 to 13.09.2017 & 14.03.2018 to 13.04.2018) under violation category are being considered by the violation committee. However, in addition to such proposals, there were many category A proposals submitted in the respective sectoral committees for regular appraisal during or prior to violation window period. Sectoral committee while deliberating on the proposals, identified these as violation of EIA Notification. These proposals were subsequently forwarded to the violation committee after approval by the Competent Authority and such proposals are termed as "lateral entry proposals".


8. It is possible that there may be certain category B proposals which were submitted at SEIAA during or prior to the violation window period but not under violation category and later during the appraisal by State Level Expert Appraisal committee (SEAC) identified as violation proposals.

9. Now, a decision has been taken in the Ministry that such proposals as mentioned in para (8) above, may be considered in terms of provisions of Ministry's Notification dated 14.03.2017 & 08.03.2018 by the SEIAA. It is clarified that only those proposals may be taken up for consideration under this provision which had been submitted to SEAC during the window or prior to it as detailed above".


With the above, the SEAC decided to obtain clarification from SEIAA office whether this application filed before 13/04/2018 and detailed note as requested by SEAC vide 188<sup>th</sup> SEAC minutes of the meeting dated 19/12/2020 may be furnished by the concerned Engineer.

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

  
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SEAC- TN

  
Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

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SEAC - TN

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Chairman  
SEAC - TN  
Chennai-15

Agenda No: 215-03 (File No: 7755/2020)

Proposed Rough stone quarry lease over an extent of 1.36.0Ha at S.F.Nos. 1/4 (Part-40) of Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s. SRM Blue Metals -For Terms of Reference.

(SIA/TN/MIN/55763/2019, dated:19.08.2020)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- a. The project proponent, M/s. SRM Blue Metals, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 1.36.0Ha at S.F.Nos. 1/4 (Part-40) of Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.
- b. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- c. The production for the five years in total quantity of recoverable as 1184940cu.m of Roughstone & 13254cu.m of Gravel should not exceed for ultimate depth of mining, which is 146m below ground level.
- d. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. There is a water body situated at 230m from the North East boundary, hence the

MEMBER SECRETARY  
SEAC - TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

CHAIRMAN  
SEAC- TN

Dr. S. MOHAN  
Chairman  
SEAC - TN  
Chennai-15





proponent shall leave 100m from the North East boundary.

3. There are many water bodies present within present within 500m and 1km radius and hence a detailed study on the impact of the water bodies on agriculture needs to be carried out.
4. A detailed study of the lithology of the mining lease area shall be furnished.
5. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
6. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
7. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
8. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
9. The Project Proponent shall furnish the details on the number of pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
10. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
11. A tree survey study shall be carried out (number, variety, name of the species, age etc.) in the mining lease applied area and its management during mining activity.
12. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC.

  
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SEAC - TN

  
Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

  
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SEAC- TN

  
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Chairman  
SEAC - TN  
Chennai-15



13. A detailed mine closure plan for the proposed project shall be submitted.
14. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
15. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-04 (File No: 8459/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 3.69.72Ha at S.F.Nos.72/2A, 72/2B, 72/3, 72/4, 72/5, 72/7, 73/5A, 73/5B of Sundakottai Village and S.F.Nos. 4/1 of Kalyanasundarapuram Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. T.Senthivel – For Terms of Reference.

(SIA/TN/MIN/61726/2021, dated:11.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. T.Senthivel, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 3.69.72Ha at S.F.Nos. 72/2A, 72/2B, 72/3, 72/4, 72/5, 72/7, 73/5A, 73/5B of Sundakottai Village and S.F.Nos. 4/1 of Kalyanasundarapuram Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.

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SEAC - TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-16

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Chairman  
SEAC - TN  
Chennai-15

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 417600cu.m of Rough stone & 42216cu.m of Gravel should not exceed for ultimate depth of mining, which is 42m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. There is a tank nearby, hence a safety distance of 70m shall be left from the boundary of the tank.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity,

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SEAC - TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

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SEAC - TN

Dr. S. MOHAN  
Chairman  
SEAC - TN  
Chennai-15



and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.

8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).

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SEAC - TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

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SEAC- TN

Dr. S. MOHAN  
Chairman  
SEAC - TN  
Chennai-15

17. A detailed study of the lithology of the mining lease area shall be furnished.
18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-05 (File No: 8460/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 4.16.23Ha at S.F.Nos. 822(P), 823/A, 823/B & 829/A(P) of Nallroad Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by Thiru. A.D.Elango- For Terms of Reference.

(SIA/TN/MIN/61843/2021, dated:15.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. A.D.Elango, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 4.16.23Ha at S.F.Nos. 822(P), 823/A, 823/B & 829/A(P) of Nallroad Village, Kangayam 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. The production for the five years in total quantity of recoverable as 349105cu.m of Rough stone, 50367cu.m of Weathered Gravel & 36874cu.m of Gravel should not exceed for ultimate depth of mining, which is 55m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF&

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SEAC - TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

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SEAC- TN

Dr. S. MOHAN  
Chairman  
SEAC - TN  
Chennai-15



CC to be included in EIA/EMP report:

1. Restricting the maximum depth of mining to 45m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 261265cu.m of Rough stone, 50367cu.m of Weathered Gravel & 36874cu.m of Gravel are permitted for mining over five years.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural

MEMBER SECRETARY  
SEAC-TN

Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
Chennai-15

CHAIRMAN  
SEAC- TN

Dr. S. MOHAN  
Chairman  
SEAC - TN  
Chennai-15

area due to Mining, Crushers and other activities around the site area.

10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. A detailed study of the lithology of the mining lease area shall be furnished.
18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

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Dr. S. SELVAN  
Member Secretary  
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Chairman  
SEAC - TN  
Chennai-15



Agenda No: 215-06 (File No: 8461/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 2.46.0Ha at S.F.Nos.1265/5(P), 1267/2A, 1267/2B, 1495/4(P), 1495/5(P) & 1495/6(P) of Katchaikatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru. K.Ramesh – For Terms of Reference.

(SIA/TN/MIN/61732/2021, dated: 11.03.2021)

The proposal was placed for appraisal in this 215th meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. K.Ramesh, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 2.46.0Ha at S.F.Nos. 1265/5(P), 1267/2A, 1267/2B, 1495/4(P), 1495/5(P) & 1495/6(P) of Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 349105cu.m of Rough stone, 50367cu.m of Weathered Gravel & 36874cu.m of Gravel should not exceed for ultimate depth of mining, which is 55m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.

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Dr. S. SELVAN  
Member Secretary  
SEAC - TN  
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CHAIRMAN  
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Chairman  
SEAC - TN  
Chennai-16

2. On the canal side the proponent shall leave 15m inside.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.,) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of

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Chairman  
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Chennai-15



MoEF & CC.

14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. A detailed study of the lithology of the mining lease area shall be furnished.
18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-07 (File No: 8463/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 1.52.0Ha at S.F.Nos.423/1(P) of Vadapudur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. S.Ramesh – For Terms of Reference.

(SIA/TN/MIN/61803/2021, dated: 13.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.Ramesh, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 1.52.0Ha at S.F.Nos. 423/1(P) of Vadapudur Village, Kinathukadavu Taluk, Coimbatore

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Chairman  
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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 EC obtained SEIAA-TN vide Lr. No. SEIAA-TN/F.No.3732/EC/1(a)/2818/2015, dated: 08.02.2016.
4. The production for the five years in total quantity of recoverable as 193521cu.m of Rough stone & 3294cu.m of Gravel should not exceed for ultimate depth of mining, which is 47m below ground level.
5. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. Restricting the maximum depth of mining to 37m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 179931cu.m of Rough stone & 3294cu.m of Gravel are permitted for mining over five years.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The project proponent shall establish Miyawaki scheme of forest.
4. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
5. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.

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Chairman  
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6. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
7. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
8. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
9. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
10. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
12. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
13. A tree survey study shall be carried out (number, variety name of the species, age etc.,) in the mining lease applied area and its management during mining activity.
14. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC.
15. A detailed mine closure plan for the proposed project shall be submitted.
16. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.

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Dr. S. SELVAN  
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Chairman  
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17. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
18. A detailed study of the lithology of the mining lease area shall be furnished.
19. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-08 (File No: 8479/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 2.59.0Ha at S.F.Nos. 57/1 of Thambagoundanpalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Naduby Thiru. K.Ravikumar – For Terms of Reference.

(SIA/TN/MIN/61902/2021, dated: 16.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. K.Ravikumar, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 2.59.0Ha at S.F.Nos. 57/1 of Thambagoundanpalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 336781cu.m of Rough stone & 9054cu.m of Gravel should not exceed for ultimate depth of

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mining, which is 42m below ground level.

4. Earlier EC obtained SEIAA-TN vide Lr. No. SEIAA-TN/F.No.2580/EC/1(a)/0420/2014, dated: 24.11.2015.
5. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category. It was noted that the proponent has mined out the site without leaving the benches as required in the mine plan.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. Restricting the maximum depth of mining to 32m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 256796cu.m of Rough stone & 9054cu.m of Gravel are permitted for mining over five years. The restriction of the depth was also due to the fact the proponent did not leave the benches as per approved mine plan.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to

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Dr. S. SEKIAN  
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Chairman  
SEAC - TN  
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mining activity.

7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc, located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc..) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.

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Dr. S. SELVAN  
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758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.

843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).

17. A detailed study of the lithology of the mining lease area shall be furnished.

18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-09 (File No: 8480/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 7.21.44Ha at S.F.Nos.152/6, 151/4, 152/4B, 152/5B, 151/3, 151/1, 150/4A2, 150/4B, 150/3A, 150/3B, 147/1C3 of Menallur Village and S.F.Nos. 121/2, 123/2A4B, 123/1A1, 123/1B, 123/1C, 123/1H, 123/1I, 123/1J, 123/2A1, 123/2A5, 123/2A6, 123/2B1, 123/2B2, 123/2A2, 123/2A3, 123/A4A of Poonaithangal Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by M/s. Shri Lakshmi Narayana Aggregates Private Limited-For Terms of Reference.

(SIA/TN/MIN/61793/2021, dated: 13.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Shri Lakshmi Narayana Aggregates Private Limited, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 7.21.44Ha at S.F.Nos. 152/6, 151/4, 152/4B, 152/5B, 151/3, 151/1, 150/4A2, 150/4B, 150/3A, 150/3B, 147/1C3 of Menallur Village and S.F.Nos. 121/2, 123/2A4B, 123/1A1, 123/1B, 123/1C, 123/1H, 123/1I, 123/1J, 123/2A1, 123/2A5, 123/2A6, 123/2B1, 123/2B2, 123/2A2, 123/2A3, 123/A4A of Poonaithangal Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of

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Dr. S. SELVAN  
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Chairman  
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Chennai-16

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

3. The production for the five years in total quantity of recoverable as 950150cu.m of Rough stone, 46526cu.m of weathered rock formation & 95868cu.m of Gravel should not exceed for ultimate depth of mining, which is 33m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

SEIAA office while communicating this file to SEAC for appraisal mentioned that the consultant is HEC&S, but when found in file it belongs to Ecotech, the committee feels that this type of mistake by SEIAA office should be avoided in future.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. Restricting the maximum depth of mining to 28m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 893800cu.m of Rough stone, 46526cu.m of weathered rock formation & 95868cu.m of Gravel are permitted for mining over five years.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.

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Dr. S. SELVAN  
Member Secretary  
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Chairman  
SEAC - TN  
Chennai-15



5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.

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Dr. S. SELVAN  
Member Secretary  
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Chairman  
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Chennai-16

16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. A detailed study of the lithology of the mining lease area shall be furnished.
18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

**Agenda No: 215-10 (File No: 8493/2021)**

**Proposed Rough stone & Gravel quarry lease over an extent of 1.83.5Ha at S.F.Nos.492/2 of Vagaikulam Village, Manur Taluk, Tirunelveli District, Tamil Nadu by Thiru. A.DensinghBabu-For Terms of Reference.**

**(SIA/TN/MIN/62358/2021, dated: 31.03.2021)**

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. A.DensinghBabu, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 1.83.5Ha at S.F.Nos. 492/2 of Vagaikulam Village, Manur Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 138580cu.m of Rough stone & 75330cu.m of Gravel should not exceed for ultimate depth of

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Chairman  
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Chennai-15



mining, which is 25m below ground level.

4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The project proponent shall study the impact study on 48 wells in detail.
3. The project proponent shall study the impact on water bodies for different depths.
4. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
5. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
6. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
7. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
8. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
9. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both

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Chairman  
SEAC - TN  
Chennai-18

monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.

10. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
12. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
13. A tree survey study shall be carried out (number, variety name of the species, age etc.,) in the mining lease applied area and its management during mining activity.
14. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
15. A detailed mine closure plan for the proposed project shall be submitted.
16. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
18. A detailed study of the lithology of the mining lease area shall be furnished.
19. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

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Dr. S. SELVAN  
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Chairman  
SEAC - TN  
Chennai-15



Agenda No: 215-11 (File No: 8494/2021)

Proposed Rough stone quarry lease over an extent of 4.40.0Ha at S.F.Nos. 665(Part-1) of Kamandoddi Village, Hosur (Now Shoolagiri) Taluk, Krishnagiri District, Tamil Nadu by M/s. Thriveni Earth Movers Private Limited-For Terms of Reference.

(SIA/TN/MIN/62357/2021, dated: 31.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. 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. Thriveni Earth Movers Private Limited, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 4.40.0Ha at S.F.Nos. 665(Part-1) of Kamandoddi Village, Hosur (Now Shoolagiri) 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. The production for the five years in total quantity of recoverable as 729514cu.m of Rough stone should not exceed for ultimate depth of mining, which is 57m (15m above ground level & 42 below ground level).
4. The water table area is 45m below ground level.
5. Earlier EC obtained SEIAA-TN vide Lr.No.SEIAA-TN/F.No.5534/1(a) /EC.No:3366/2016, dated: 19.07.2016.
6. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

On Initial discussions, the committee noted that the proponent did not attend the meeting through online and only deputed an employee of the mine without any authorization letter. The SEAC instructed that the project proponent should attend the meeting or the authorized personnel should attend the meeting. Neither the proponent nor the consultant had made a request to the committee on authorizing a person to

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attend on behalf of proponent. Hence the committee has not taken up the project for appraisal.

Agenda No: 215-12 (File No: 8495/2021)

Proposed Rough stone quarry lease over an extent of 2.40.0Ha at S.F.Nos. 665(Part-2) of Kamandoddi Village, Hosur (Now Shoolagiri) Taluk, Krishnagiri District, Tamil Nadu by M/s. Thriveni Earth Movers Private Limited-For Terms of Reference.

(SIA/TN/MIN/62359/2021, dated: 31.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. 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. Thriveni Earth Movers Private Limited, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 2.40.0Ha at S.F.Nos. 665(Part-2) of Kamandoddi Village, Hosur (Now Shoolagiri) 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. The production for the five years in total quantity of recoverable as 426513cu.m of Rough stone should not exceed or ultimate depth of mining, which is 57m (15m above ground level & 42 below ground level).
4. The water table area is 45m below ground level.
5. Earlier EC obtained SEIAA-TN vide Lr.No.SEIAA-TN/F.No.5533 /1(a)/EC.No:3367/2016, dated: 19.07.2016.
6. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

On Initial discussions, the committee noted that the proponent did not attend the meeting through online and only deputed an employee of the mine without any authorization letter. SEAC instructed that the project proponent should attend the

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SEAC - TN  
Chennai-15



meeting or the authorized personnel should attend the meeting. Neither the proponent nor the consultant had made a request to the committee on authorizing a person to attend on behalf of proponent. Hence the committee has not taken up the project for appraisal.

Agenda No: 215-13 (File No: 8499/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 1.19.0Ha at S.F.Nos.72/4 of Chinna Ulagani Village, Kallikudi Taluk, Madurai District, Tamil Nadu by Thiru. K.Venkatraman-For Terms of Reference.

(SIA/TN/MIN/62368/2021, dated: 31.03.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. K.Venkatraman, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 1.19.0Ha at S.F.Nos. 72/4 of Chinna Ulagani Village, Kallikudi Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 63040cu.m of Rough stone & 10494cu.m of Gravel should not exceed for ultimate depth of mining, which is 27m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF&

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CC to be included in EIA/EMP report:

1. Restricting the maximum depth of mining to 22m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 61690cu.m of Rough stone & 10494cu.m of Gravel are permitted for mining over five years.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural

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area due to Mining, Crushers and other activities around the site area.

10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. A detailed study of the lithology of the mining lease area shall be furnished.
18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.



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Agenda No: 215-14 (File No: 8519/2021)

Proposed Rough stone quarry lease over an extent of 1.20.0Ha at S.F.Nos. 56/1(Part-5) of Kothapetta Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Tmt.SA.Sumithashankr-For Terms of Reference.  
(SIA/TN/MIN/62641/2021, dated: 12.04.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt. SA.Sumithashankr, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 1.20.0Ha at S.F.Nos. 56/1(Part-5) of Kothapetta Village, Krishnagiri 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. The production for the five years in total quantity of recoverable as 179843cu.m of Rough stone should not exceed for ultimate depth of mining, which is 40m.
4. Earlier EC obtained from SEIAA-TN vide Lr.No.SEIAA-TN/F.No.5224/1(a) /Ec.No:3232/2016 dated: 06.07.2016
5. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, and also to make on the spot site inspection to access the field conditions, subject to the following specific ToR 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. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.

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2. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
3. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
4. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
5. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
8. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
9. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
10. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
11. A tree survey study shall be carried out (number, variety name of the species, age etc.,) in the mining lease applied area and its management during mining activity.
12. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of

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Chairman  
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Chennai-15

MoEF& CC.

13. A detailed mine closure plan for the proposed project shall be submitted.
14. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
15. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. A detailed study of the lithology of the mining lease area shall be furnished.
17. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-15 (File No: 8524/2021)

Proposed Expansion in manufacturing unit of various synthetic organic chemicals production capacity of 605000kg/month to 860800kg/month by M/s. Pure Organic Industries located at Plot No.18, SIDCO Pharmaceutical complex, S.F.No. 237/1 Part of Alathur Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu -For Terms of Reference.

(SIA/TN/IND3/62698/2021, dated: 15.04.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. 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. Pure Organic Industries, has applied for Terms of

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Reference for the proposed Expansion in manufacturing unit of various synthetic organic chemicals production capacity of 605000kg/month to 860800kg/month by M/s. Pure Organic Industries located at Plot No.18, SIDCO Pharmaceutical complex, S.F.No. 237/1 Part of Alathur Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 5(f) "Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.

It was noted for this project Auto-ToR has been issued on 28.06.2021. This would have happened under the following conditions as per MoEF notification, OM dated 17<sup>th</sup> Feb 2020.

- (i) No ToR has been issued by MS SEIAA within 7 days of receipt of application and there are no other environmental issues that have been emphasized.
- (ii) The file has not been transferred to SEAC by the SEIAA office for the appraisal and issue of ToR within 30 days.

The committee felt that the initial scrutiny SEIAA office should be more vigil on this particular aspect so that this kind of lapse will not occur in future.

It was noted that as per rule, Auto ToR was granted to the proponent, hence the committee has not taken up the file for appraisal to issue the ToR.

Agenda No: 215-16 (File No: 8529/2021)

Proposed Rough stone quarry lease over an extent of 3.35.0Ha at S.F.Nos. 63/2(Part) of Bargur Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by Thiru. C.Selvan - For Terms of Reference.

(SIA/TN/MIN/62678/2021, dated: 14.04.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished

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Chairman  
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Chennai-15

by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. C.Selvan, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 3.35.0Ha at S.F.Nos. 63/2(Part) of Bargur Village, Bargur 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. The production for the five years in total quantity of recoverable as 994033cu.m of Rough stone should not exceed for ultimate depth of mining, which is 57m.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, and also to make on the spot site inspection to access the field conditions, subject to the following specific ToR 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. Restricting the maximum depth of mining to 43m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 799240cu.m of Rough stone are permitted for mining over five years.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.

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Chairman  
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5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
9. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.,) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.

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16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016

(M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No.

843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).

17. A detailed study of the lithology of the mining lease area shall be furnished.

18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 215-17

(File No: 8541/2021)

Proposed Rough stone quarry lease over an extent of 1.08.5Ha at S.F.Nos.15/1A1B of Palathurai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru. V.Prakash - For Terms of Reference.

(SIA/TN/MIN/62873/2021, dated: 24.04.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. V.Prakash, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 1.08.5Ha at S.F.Nos. 15/1A1B of Palathurai Village, Madukkarai Taluk, Coimbatore 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.

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Chairman  
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3. The production for the five years in total quantity of recoverable as 40570cu.m of Rough stone should not exceed or ultimate depth of mining, which is 47m.
4. Earlier EC obtained SEIAA-TN vide Lr.No.SEIAA-TN/F.No.4491/EC/1(a)/2636/2015, dated: 05.01.2016.
5. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC noticed that the proponent has already mined out 35m. Since 35m was already mined, as per original mine plan there was no bench and road was constructed in between the mines and there is no green belt development. Since they have gone already 35m, hence no mining shall be carried out considering sustainable environment. Hence the committee decided to defer the proposal.

Agenda No: 215-18

(FileNo: 8546/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 0.58.0Ha at S.F.Nos.175/1 & 175/2 of Erumaiyur Village, Kundrathur Taluk, Kancheepuram District, Tamil Nadu by Thiru. S.Ravisundar-For Terms of Reference.

(SIA/TN/MIN/63015/2021, dated: 30.04.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.Ravisundar, has applied for Terms of Reference for the proposed Rough stone& gravel quarry lease over an extent of 0.58.0Ha at S.F.Nos. 175/1 & 175/2 of Erumaiyur Village, Kundrathur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 91800cu.m

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of Rough stone & 18144cu.m of Gravel should not exceed for ultimate depth of mining, which is 23m.

4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC committee noted that, the VAO has issued a letter that no habitation is available within 300m from the boundary of the mining area. However a cursory look at the google map reveals that there are habitations existing at 240m itself. Hence a revised letter from the concerned competent authority due verification of the fact needs to be submitted along with the EIA report.

Agenda No: 215-19

(File No:8553/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 2.57.5Ha at S.F.Nos.869/1 & 869/2 of Chettipalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru. V.Manikandan - For Terms of Reference.

(SIA/TN/MIN/63168/2021, dated: 06.05.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. V.Manikandan, has applied for Terms of Reference for the proposed Rough stone & gravel quarry lease over an extent of 2.57.5Ha at S.F.Nos. 869/1 & 869/2 of Chettipalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 364920cu.m of Rough stone & 34746cu.m of Gravel should not exceed for ultimate depth of mining, which is 42m below ground level.

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4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following specific ToR 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. Restricting the maximum depth of mining from 42m to 37m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 348355cu.m of Rough stone & 34746cu.m of Gravel are permitted for mining over five years.
2. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. There are many water bodies present within present within 500m and 1km and hence impact study shall be conducted considering those water bodies.
4. The cumulative impact analysis due to emission from the source and the fugitive emission due to mining as well as transport of minerals needs to be assessed and the report may be submitted.
5. During EIA presentation the maximum depth in adjacent mines should be given. Considering the data on all cluster mines the impact study shall be conducted.
6. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. The Project Proponent shall furnish the details on the number of groundwater

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Dr. S. SELVAN  
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SEAC - TN  
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pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.

9. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study.
11. The Socio-economic study should be carried out within a 10 km buffer zone from the mines.
12. A tree survey study shall be carried out (number, variety name of the species, age etc.,) in the mining lease applied area and its management during mining activity.
13. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
14. A detailed mine closure plan for the proposed project shall be submitted.
15. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. A detailed study of the lithology of the mining lease area shall be furnished.
18. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of

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photos/documents, and be included in the EIA Report.

Agenda No: 215-20

(FileNo: 8557/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 1.01.0Ha at S.F.Nos. 252/2, 252/4 & 252/5 of K.Pudukottai Village, Dindigul West Taluk, Dindigul District, Tamil Nadu by Tmt. C.Umarani-For Terms of Reference.

(SIA/TN/MIN/63288/2021, dated: 12.05.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. 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. C.Umarani, has applied for Terms of Reference for the proposed Rough stone & gravel quarry lease over an extent of 1.01.0Ha at S.F.Nos. 252/2, 252/4 & 252/5 of K.Pudukottai Village, Dindigul West Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 59730cu.m of Rough stone & 28890cu.m of Gravel should not exceed for ultimate depth of mining, which is 18m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

On initial discussions, the SEAC noted that the applications filed by Geo Technical mining solutions (GTMS) will always be presented by Geo Exploration mining solutions (GEMS). GEMS informed that we both are same. But in today's meeting GTMS requested to present separately.

The committee decided that they both shall submit a request letter stating the reason

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prior to the meeting not during meeting.

Agenda No: 215-21

(FileNo: 8558/2021)

Proposed Rough stone quarry lease over an extent of 3.52.0Ha at S.F.Nos. 314, 317/3 & 317/4 of Kothapulli Village, Dindigul West Taluk, Dindigul District, Tamil Nadu by Thiru.A.Jeyaraman - For Terms of Reference.

(SIA/TN/MIN/63287/2021, dated: 12.05.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. 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, Thiru. A.Jeyaraman, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 3.52.0Ha at S.F.Nos. 314, 317/3 & 317/4 of Kothapulli Village, Dindigul West Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 429526cu.m of Rough stone should not exceed for ultimate depth of mining, which is 35m below ground level.
4. Earlier EC obtained from SEIAA-TN vide Lr.No.SEIAA-TN/F.No.2740/EC/1(a)/2154/2014, dated: 01.04.2015
5. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

On initial discussions, the SEAC noted that the applications filed by Geo Technical mining solutions (GTMS) will always be presented by Geo Exploration mining solutions (GEMS). GEMS informed that we both are same. But in today's meeting

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GTMS requested to present separately.

The committee decided that they both shall submit a request letter stating thereason prior to the meeting not during meeting.

Agenda No: 215-22

(FileNo: 8560/2021)

Proposed Integrated decorative paints manufacturing with a total production capacity of 875000KL/Annum by M/s. Grasim Industries Limited located at S.F.Nos. 285/1, 2, 3, 4, 5, 6, 7, 292/1, 2, 294/1, 2, 3, 4, 295/1, 2A, 2B, 2C, 3, 296/2Bpt, 2C pt, 3 pt, 297/ 1pt, 2A pt, 2Bpt, 2Cpt, 2Dpt, 3Apt, 3Bpt, 296/1A, 1B, 1C, 2A, 2Bpt, 2Cpt, 3pt, 297/ 1pt, 2Apt, 2Bpt, 299, 300pt, 334, 335/ 1, 2A, 2B, 3A, 3B, 4A, 4B, 336, 359/1A, 1B, 2, 3, 353/5B pt, 5Cpt, 5Dpt, 345/2pt, 348/ 2A1pt, 2A2, 2Bpt, 2C1, 2C2, 347/ 1Bpt, 2Bpt, 351/ 1A1, 1A2, 1A3, 1B, 2, 3, 4A, 4B, 4C, 352/ 1, 2Apt, 2B1, 2B2, 3pt, 4, 339/ 4pt, 340/ 1Apt, 2pt, 353/ 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 5Cpt, 5Dpt, 354/ 1, 2, 355, 358, 350/ 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I of Magajanapakkam Village, Cheyyar Taluk, Thiruvannamalai District, Tamil Nadu -For Terms of Reference.

(SIA/TN/IND3/63411/2021, dated: 19.05.2021)

The proposal was placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

It was noted for this project Auto-ToR has been issued on 23.06.2021. This would have happened under the following conditions as per MoEF notification, OM dated 17<sup>th</sup> Feb 2020.

- (iii) No ToR has been issued by MS SEIAA within 7 days of receipt of application and there are no other environmental issues that have been emphasized.
- (iv) The file has not been transferred to SEAC by the SEIAA office for the appraisal and issue of ToR within 30 days.

The committee felt that the initial scrutiny SEIAA office should be more vigil on this particular aspect so that this kind of lapse will not occur in future.

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As per rule, Auto ToR was granted to the proponent, hence the committee has not taken up the file for appraisal to issue the ToR.

Agenda No: 215-TA-01

(File No: 8533/2021)

Proposed Rough stone quarry lease over an extent of 0.98.0Ha at S.F.No. 1(Part-1) of Rajakkalpatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.A.Dhanaraj-For Environmental Clearance.

(SIA/TN/MIN/209877/2021, dated: 20.04.2021)

The proposal was placed for appraisal in this 214<sup>th</sup> meeting of SEAC held on 23.06.2021.

1. The project proponent, Thiru.A.Dhanaraj has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 0.98.0Ha at S.F.No. 1(Part-1) of Rajakkalpatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 195108cu.m of Rough stone should not exceed for ultimate depth of mining, which is 48m.

Based on the initial discussion and documents furnished by the project proponent, SEAC noted that the Ministry of Mines, Govt vide order Dt: 03.06.2020 has issued guidelines for auction of minerals blocks for pre - embedded clearance for mining projects as follows:

- i) Each State should identify at least five mineral blocks for auction with pre-embedded clearance.
- ii) The State Government may set up a Project Monitoring Unit (PMU) to complete the preparatory work for obtaining the requisite clearances / approvals and related work. The PMU will become the applicant for all the clearances required to start the mining operations.
- iii) Since Mining Plan is the basic document to start mining operation on which hinges the EC and FC, the PMU under the State Government should get the

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Mining Plan prepared by engaging a qualified person (QP) as per the revised proforma prescribed by Indian Bureau of Mines which is attached with this document (Annexure 1). The EMU should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining. Indian Bureau of Mines will approve the mining plan/scheme of mining submitted to them by the PMU within a period of fifteen days, allowing successful bidder the flexibility to either enhance or reduce the production limit by 25%.

- iv) FC has two stages. Details are available on the PARIVESH portal of MOEF&CC (<https://parivesh.nic.in>). Up to FC Stage-I, no financial Commitment is required or levy is to be paid, except for bearing the cost of enumeration of trees on forest land sought for diversion and some sundry expenses. High costs are involved at FC stage-II. It is understood that PMU may not be able to deposit huge sums on account of NPV, compensatory afforestation, cost of trees and other related levies and charges as applicable in FC Stage-II. Hence, PMU will obtain FC stage-I only. And, the successful bidder will make payments accordingly and obtain FC Stage-II. Expenditure incurred by PMU towards processes to be completed for obtaining FC Stage-I including demarcation of land and enumeration of trees etc. shall be initially borne by the State Government and subsequently recouped by charging from the successful bidder at the time of execution of mining lease or transfer of clearance, whichever is earlier.
- v) For EC, the PMU will complete the process and obtain the same along with FC Stage-I. Any expenditure involved in the processes including payments to ELA consultant, cost of getting Environment Public Hearing conducted and other related expenses will be initially borne by the State Government and subsequently recouped by charging the same from the successful bidder at the time of signing mining lease or transfer of clearance, whichever is earlier.
- vi) The PMU should simultaneously obtain EC and prior approval for FC Stage-I clearance for diversion of forest and for non-forest purpose for the operation

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of mining as per the guidelines issued by MoEF& CC dated 29.04.2020. While giving EC, there should be flexibility for the successful bidder to either enhance or reduce production limit by 25%, without requiring him to obtain fresh EC approval.

- vii) Since obtaining land rights for mining is another time consuming process, the PMU should get the land rights for mining in case of both governments as well as privately owned land.
- viii) The State government should also apply and obtain all other clearances which are required for the lessee to start the mining operations. The lists of clearances are at Annexure III. The fees for obtaining these clearances shall also be initially borne by State Government and subsequently recouped by charging it from successful bidder at the time of signing mining lease or transfer of clearances, whichever is earlier.
- ix) Appropriate provisions should be made in the bid document for auction for charging from the successful bidder all the expenditure incurred by the State Government on account of the engagement of PMU and also for obtaining clearances/approvals.
- x) The above clearances may be transferred to the successful bidder seamlessly so that mining operations start without any delay.
- xi) These identified mineral blocks with pre-embedded clearances may be auctioned along with the other mineral blocks without pre-embedded clearances. Based on the experience from auction of the identified mineral blocks on pilot basis, further step will be taken towards mainstreaming the concept of auction with pre-embedded clearances of National Mineral Policy, 2019 approved by the Cabinet.

In view of the above order, SEAC has decided to refer the above office memorandum of MoEF & CC to SEIAA for further clarification in detail regarding eligibility of this application for appraisal in regard to the Ministry of Mines, GoI orders Dt: 03.06.2020

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in regard to guidelines for auction of minerals blocks for pre - embedded clearance for mining projects.


The Member Secretary, SEIAA-TN has issued a clarification vide SEIAA Lr. No. SEIAA-TN/SEAC Communications/2020 dated: 24.06.2021 and it stated as follows

*"I invite kind your attention to above subject, where a lot of representations have been brought to the notice of recently from the proponents regarding the Applicability of pre-embedded prior Environmental/Forest Clearance for mining projects - Auctioning of mineral blocks with pre-embedded prior Environmental/Forest Clearance for the identified mineral block with proven reserves (proposed mining lease areas).*

*As per Ministry of Mines, Letter No. 161412020-M.VI Dated: 3rd June, 2020, the Ministry of Mines, Govt has addressed the Chief Secretaries of all States with a direction stating that the State Government to follow the guidelines for pre-embedded clearances annexed with this order and implement the same in letter and spirit and the States should implement this mechanism on pilot basis in respect of identified mineral blocks, which could be auctioned with pre-embedded clearances and issued following guidelines among others:*

*i. The State Government may set up a Project Monitoring Unit (PMU) to complete the preparatory work for obtaining the requisite clearances / approvals and related work. The PMU will become the applicant for all the clearances required to start the mining operations.*

*ii. Since Mining Plan is the basic document to start mining operation on which hinges the EC and FC, the PMU under the State Government should get the Mining plan prepared by engaging a qualified person (QP) as per the revised proforma prescribed by Indian Bureau of Mines, the PMU should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining. Indian Bureau of Mines will approve the mining plan/scheme of mining submitted to them by the PMU within a period of fifteen days, allowing successful bidder the flexibility to either enhance or reduce the production limit by 25%.*

  
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SEAC -TN

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Member Secretary  
SEAC - TN  
Chennai-15

  
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SEAC- TN

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*From the point (ii) above, it clear that the above guidelines for the pre-embedded clearance is applicable only for major minerals, since the Guidelines states that Project Monitoring Unit (PMU) should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining - IBM approves mining plan/scheme of mining of major minerals, whereas the mining plans are approved by Department of Geology and mining/State Government for minor minerals. Hence it is requested that the revaluation applications may be appraised accordingly."*

Based on the above clarification letter from Member Secretary, SEIAA-TN, the subject was once again placed for appraisal in this 215<sup>th</sup> meeting of SEAC held on 29.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).


Based on the report/documents furnished by the Project proponent, and based on the clarification letter provided by SEIAA after detailed discussion and the project is recommended for grant of Environmental Clearance subject to the following conditions in addition to standard conditions stipulated by the MoEF & CC. However, the committee felt the SEIAA may get a clarification from MoEF & CC in this regard about the applicability of the order No.16/4/2020-M.VI, Dt: 03.06.2020 issued by Ministry of Mines, Gol, for minor minerals.

The proponent shall develop green belt following Miyawaki scheme all along the periphery of the proposed site.

1. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The project proponent should install cautionary boards at the entry and at strategic locations of the mining site displaying caution notice to the public about the danger of entering the mining area.
3. The proponent shall form the proper benches as per the approved mine plan during the operation of the quarry.

  
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SEAC - TN

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SEAC - TN  
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6. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map of the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area that at the closure time the trees would have grown well.
9. Ground water quality monitoring should be conducted once every six months and the report shall be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
11. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
14. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
16. The proponent shall develop an adequate green belt with native species on the periphery of the mine lease area before the commencement of the mining activity.

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SEAC - TN

Dr. S. SELVAN  
Member Secretary  
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in consultation with DFO of the concerned district/agriculture.

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 monitored by the concerned District Authorities.
18. 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.
19. 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.
20. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
21. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
22. All the condition imposed by the Assistant Director (i/c), Geology & Mining, Madurai District in the mining plan approval letter and the precise area communication letter should be strictly followed.

Finally, the meeting ended with thanks to the Chairman and members at 08:30 P.M.

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Dr. S. SELVAN  
Member Secretary  
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