

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 237th State Expert Appraisal Committee (SEAC)
held on 08th October 2021 (Friday) at SEIAA Conference Hall, 2nd Floor,
Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and
Construction Projects, Townships and Area Development projects &
Mining projects through video conference.

Agenda No: 237 -01

(File No: 7925/2020)

Proposed Rough stone and Gravel over an extent of 1.14.5Ha of Patta land in S.F.No. 199/1B of Kokkalai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.M.Palanisamy - For Terms of Reference.


SIA/TN/MIN/62933/2021/dated 28.04.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The Project Proponent, Thiru.M.Palanisamy has applied for Environmental Clearance for the proposed Rough stone and Gravel over an extent of 1.14.5Ha of Patta land in S.F.No. 199/1B of Kokkalai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 1,25,491m³ of rough stone & 6,870m³ of Gravel for ultimate depth of mining is 37m below ground level.

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR) with Public Hearing. Subject to the following TORs in addition to the standard terms


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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. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
6. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water


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pollution, & health impacts, accordingly the Environment Management plan should be prepared.

7. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
8. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
9. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
10. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
11. 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).
12. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.


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13. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -02

(File No: 8552/2021)

Proposed Rough Stone and Gravel over an extent of 2.41.0Ha of Patta lands in S.F.Nos. 112/6A & 112/7A of Konganakkurichi Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.K.Bharathiraja - For Terms of Reference. SIA/TN/MIN/66241/2021/dated 02.08.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The Project Proponent, Thiru.K.Bharathiraja has applied for Environmental Clearance for the proposed Rough Stone and Gravel over an extent of 2.41.0Ha of Patta lands in S.F.Nos. 112/6A & 112/7A of Konganakkurichi Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 1,05,480m³ of rough stone & 18,032m³ of Gravel for ultimate depth of mining is 37m below ground level.

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


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1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
6. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.


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7. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
8. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
9. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
10. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
11. 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).
12. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
13. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed


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to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -03

(File No: 8634/2021)


Proposed develop the Anupuram Township (overall land area is 275.21 Acres) by constructing 12 Towers of Multi Storied Residential Buildings defined by Type IIIC, IVD, VE & E+ (Efficiency Plus) in a plot area of 1,52,890.23 Sq.m (37.78 Acres) at S.F. No. 7/11pt, 7/16pt, 7/22 pt of Kunnathur Village and 29/1 pt, 31/12 pt, 31/13A pt, 31/14 pt, 32/13 pt, 23/3pt, 23/4pt, 23/5Apt, 23/5B, 23/5C, 23/5D, 23/6A, 23/6B, 23/7pt, 23/8pt, 23/9pt, 23/10pt, 23/11 pt, 26/1Apt, 26/2pt, 26/3Apt, 26/3B pt, 26/3Cpt, 26/3D pt, 26/4Apt, 29/1, 30/1, 30/2 pt, 30/4 pt, 30/9, 30/10, 30/11, 30/12, 30/13, 30/14, 30/15 pt, 30/17, 30/18 pt 30/21 pt, 30/22 pt, 30/23, 31/14 pt 24/1, 24/4, 24/5, 24/6, 19/1A1, 19/1A4 & 19/5 of Neikuppi Village, Tirukalukundram Taluk, Chengalpattu District (Earlier Kancheepuram District), Tamil Nadu by Department of Atomic Energy Engineering Services Group General Service Organisation Government of India - For Terms of Reference.

SI/ATN/MIN/63747/2021/dated 01.07.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The Project Proponent, Department of Atomic Energy Engineering Services Group General Service Organisation Government of India has applied for Environmental Clearance for the proposed develop the Anupuram Township (overall land area is 275.21 Acres) by constructing 12 Towers of Multi Storied Residential Buildings defined by Type IIIC, IVD, VE & E+ (Efficiency Plus) in a plot area of 1,52,890.23 Sq.m (37.78 Acres) at S.F. No. 7/11pt, 7/16pt, 7/22 pt of Kunnathur Village and 29/1 pt, 31/12 pt, 31/13A pt, 31/14 pt, 32/13 pt, 23/3pt, 23/4pt, 23/5Apt, 23/5B, 23/5C, 23/5D, 23/6A, 23/6B, 23/7pt, 23/8pt, 23/9pt, 23/10pt, 23/11 pt, 26/1Apt, 26/2pt, 26/3Apt, 26/3B pt, 26/3Cpt,


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26/3D pt, 26/4Apt, 29/1, 30/1, 30/2 pt, 30/4 pt, 30/9, 30/10, 30/11, 30/12, 30/13, 30/14, 30/15 pt, 30/17, 30/18 pt 30/21 pt, 30/22 pt, 30/23, 31/14 pt 24/1, 24/4, 24/5, 24/6, 19/1A1, 19/1A4 & 19/5 of Neikuppi Village, Tirukalukundram Taluk, Chengalpattu District (Earlier Kancheepuram District), Tamil Nadu.

Based on the presentation made by the EIA co-ordinator, SEAC noted that the EIA co-ordinator has not presented properly and the committee was unable to hear the EIA co-ordinator's audio clearly. Hence SEAC decided that the EIA co-ordinator shall re-present the project.

Agenda No: 237 -04

(File No: 8640/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 1.29.0Ha in S.F.No. 316/4 at Kodangipalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. R. Shanmugam- For Terms of Reference.

SIA/TN/MIN/65311/2021/dated 14.07.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The Project Proponent, Thiru.R.Shanmugam has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.29.0Ha in S.F.No. 316/4 at Kodangipalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 69.756m³ of rough stone for ultimate depth of mining is 52m below ground level.


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As per mining plan the project proponent has not maintained any benches and not maintained the required slope. The committee also noted through google image there are many houses located within 100m radius and as per the existing rules no houses/habitations should be located within 300m radius and hence the project is not recommended.

Agenda No: 237 -05

(File No: 8650/2021)

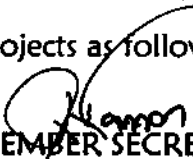
Proposed Black granite (Dolerite) Quarry lease over an extent of 5.00.0Ha in S.F.Nos. 830 (Part) East & 834/1 of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District Tamil Nadu by M/s. PVI Trading Corporation - For Terms of Reference. SIA/TN/MIN/64515/2021/dated 07.07.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


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

1. The Project Proponent, M/s. PVI Trading Corporation has applied for Environmental Clearance for the proposed Black granite (Dolerite) Quarry lease over an extent of 5.00.0Ha in S.F.Nos. 830 (Part) East & 834/1 of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 3,713m³ of Black granite (Dolerite) 100 % for ultimate depth of mining is 25m below ground level.

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,


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"Each State should identify at least five mineral blocks for auction with pre-embedded clearance. 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.


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 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%.

FC has two stages. Details are available on the PARIVESH portal of MOEF&CC (<https://parivesh.nic.in> c.in). Up to FC Stage-1, 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.

For EC, the PMU will complete the process and obtain the same along with FC


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Stage-1. 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.

The PMU should simultaneously obtain EC and prior approval for FC Stage-1 clearance for diversion of forest and for non-forest purpose for the operation 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. 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.

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. 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. The above clearances may be transferred to the successful bidder seamlessly so that mining operations start without any delay.

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”.


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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, Gol orders Dt: 03.06.2020 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 is 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 per-embedded prior Environmental/Forest Clearance for mining projects - Auctioning of mineral blocks with per-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, Gol 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:

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.

Since the 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


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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%.

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 report/documents furnished by the Project proponent, after detailed discussion and clarification letter provided by SEIAA, the committee felt the SEIAA may get a clarification from MoEF&CC or Ministry of mines in this regard about the applicability of Ministry of Mines, GoI vide order Dt: 03.06.2020 for minor minerals.

Agenda No: 237 -06

(File No: 8651/2021)

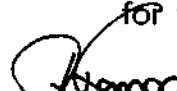
Proposed Red Earth and Pebbles quarry lease over an extent of 2.20.5Ha in S.F.No. 6/1 (P) at Mathiyanur Village, Ulundurpet Taluk, Kallakurichi District, Tamil Nadu by Thiru.R.Arun- For Terms of Reference.

SIA/TN/MIN/64477/2021/dated 06.07.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.R.Arun has applied for Terms of Reference for the proposed Red Earth and Pebbles quarry lease over an extent of


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2.20.5ha in S.F.No. 6/1(P) at Mathiyanur Village, Ulundurpet Taluk, Kallakurichi District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the Two years states that total quantity should not exceed 20,844m³ of Red Earth and 20,844m³ of Pebbles for ultimate depth of mining is 2.5 m below ground level.

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


"Each State should identify at least five mineral blocks for auction with pre-embedded clearance. 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.

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 which is attached with this document (Annexure 1). 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%.

FC has two stages. Details are available on the PARIVESH portal of MOEF&CC (<https://parivesh.nic.in>). Up to FC Stage-1, no financial Commitment is required or levy is to be paid, except for bearing the cost of enumeration of trees on forest land


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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.

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.


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 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. 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.

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.

Appropriate provisions should be made in the bid document for auction for charging


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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. The above clearances may be transferred to the successful bidder seamlessly so that mining operations start without any delay.

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, Gol orders Dt: 03.06.2020 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 is 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 per-embedded prior Environmental/Forest Clearance for mining projects-Auctioning of mineral blocks with per-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, Gol 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


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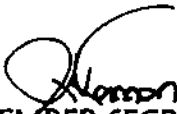
and issued following guidelines among others:

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.

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%,

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 report/documents furnished by the Project proponent, after detailed discussion and clarification letter provided by SEIAA, the committee felt the SEIAA may get a clarification from MoEF&CC in this regard about the applicability of Ministry of Mines, GoI vide order Dt: 03.06.2020 for minor minerals.


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Agenda No: 237 -07

(File No: 8656/2021)

Proposed Rough Stone quarry lease over an extent of 4.50.0ha in S.F. No. 168(Part-1) at VadaAalapirandhan Village, Cheyyar Taluk, Tiruvannamalai District Tamil Nadu by Thiru.N.Venkatesh - For Terms of Reference.

SIA/TN/MIN/62718/2021/dated 17.04.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.N.Venkatesh has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 4.50.0ha in S.F. No. 168(Part-1) at VadaAalapirandhan Village, Cheyyar Taluk, Tiruvannamalai District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed of rough stone 19,19,520m³ for ultimate depth of mining is 60m (40m above ground level + 20m below ground level).

Neither the project proponent nor the consultant has not attended the meeting. Hence the SEAC has not taken up the project for appraisal.


Agenda No: 237 -08


(File No: 8666/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.35.5 ha in S.F.No. 22/1 & 22/2 at Kachhirayanpatti Village, Melur Taluk, Madurai District, Tamil Nadu by Thiru.D.Rajesh- For Terms of Reference.

SIA/TN/MIN/65869/2021/dated 21.07.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by


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

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

1. The Project Proponent, Thiru.D.Rajesh has applied for Terms for Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.35.5 ha in S.F.No. 22/1 & 22/2 at Kachhirayanpatti Village, Melur Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 1,31,201m³ of rough stone & 567m³ Gravel for ultimate depth of mining is 35m below ground level.

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

1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed study of the lithology of the mining lease area shall be furnished.


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3. The proponent shall furnish compliance statements for earlier obtained EC.
4. The proponent shall obtain ground water permission from competent authority.
5. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
6. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
7. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
8. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
9. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
10. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
11. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
12. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
13. The recommendation for the issue of "Terms of Reference" is subjected to the


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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).

14. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
15. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.
16. It was also noted that water level and unconfined aquifer was around 20m and hence to assess site condition and to assess the land use pattern, the committee decided to make a site visit by a sub- committee of SEAC.

Agenda No: 237 -09

(File No: 8671/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.26.0ha in S.F.No. 123/10, 123/11, 123/12, 123/14A, 123/14B, 123/15, 123/16, 123/17, 131/1, 131/2, 131/3, 131/4, 131/5A, 131/5B, 131/6, 131/7, 131/8, 131/9, 131/10A, 131/10B, 131/10C & 132/4B at Menallur Village, Vembakkam Taluk, Tiruvannamalai District Tamil Nadu by M/s.


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Sri Ganesh Blue Metals-II - For Terms of Reference.

SIA/TN/MIN/66099/2021/dated 28.07.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, M/s. Sri Ganesh Blue Metals-II has applied for Terms for Reference for the proposed Rough Stone and Gravel quarry lease over an extent of 3.26.0ha in S.F.No. 123/10, 123/11, 123/12, 123/14A, 123/14B, 123/15, 123/16, 123/17, 131/1, 131/2, 131/3, 131/4, 131/5A, 131/5B, 131/6, 131/7, 131/8, 131/9, 131/10A, 131/10B, 131/10C & 132/4B at Menallur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 314850 cu.m of rough stone & 53432 cu.m of Gravel ultimate for depth of mining is 17 m below ground level.

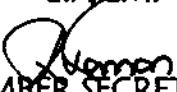
Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR) with Public Hearing, Subject to the following TORs in addition to the standard terms of reference for EIA study for non-coal mining projects and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

1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.

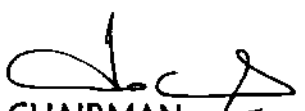

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- d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed study of the lithology of the mining lease area shall be furnished.
 3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
 4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
 5. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
 6. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
 7. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
 8. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
 9. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.


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10. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
11. 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).
12. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
13. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.


Agenda No: 237 -10

(File No: 8685/2021)

Proposed Rough stone quarry lease over an extent of 4.90.5Ha in S.F.Nos. 11/2A, 12/1A & 12/1B(Part) in Thiruvengaivasal Village and 236/1A, 236/1B, 236/1C, 236/1D,


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236/1E, 236/2, 236/3, 236/4, 236/5, 236/6, 236/7, 236/9, 236/10, 236/11, 236/12, 236/13, 236/14, 19/3, 235/9B & 235/11 in Panampatti Village, Illuppur Taluk, Pudukkottai District Tamil Nadu by Tvl. Om ShriVari Stones Pvt., Ltd - For Terms of Reference.

SIA/TN/MIN/65967/2021/dated 24.07.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Tvl. Om Shri Vari Stones Pvt., Ltd has applied for Terms for Reference for the proposed rough stone quarry lease over an extent of 4.90.5Ha in S.F.Nos. 11/2A, 12/1A & 12/1 (Part) in Thiruvengaivasal Village and 236/1A, 236/1B, 236/1C, 236/1D, 236/1E, 236/2, 236/3, 236/4, 236/5, 236/6, 236/7, 236/9, 236/10, 236/11, 236/12, 236/13, 236/14, 19/3, 235/9B & 235/11 in Panampatti Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 4,75,915m³ of rough stone & Weathered rock of 54,824m³ Topsoil of 99,039m³ ultimate depth of mining is 45m (3m Topsoil + 2m Weathered rock + 40m Rough stone) below ground level.

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

1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,



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- a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed Study of the Lithology of the mining lease area shall be furnished.
 3. The project proponent shall consider only the large area of 2.2Ha with S.No.236/1A, 236/1B, 236/1C, 236/1D, 236/1E, 236/2, 236/3, 236/4, 236/5, 236/6, 236/7, 236/9, 236/10, 236/11, 236/12, 236/13, 236/14, 19/3, 235/9B & 235/11 and the proponent shall furnish the revised mining plan from AD mines during the final EIA submission.
 4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
 5. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
 6. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment


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Management plan should be prepared.

7. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
8. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
9. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
10. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
11. 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).
12. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would


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08.04.16

have grown well.

13. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -11

(File No: 8686/2021)

Proposed Rough stone and Gravel quarry lease over an extent of 2.50.0 Ha in S.F.No. 180/4, 180/5, 180/8, 180/9, 180/10 and 180/11 at PeriyaVenmani Village, Maduranthagam Taluk, Kancheepuram District Tamil Nadu by Thiru.S.Raju- For Terms of Reference.

SIA/TN/MIN/66125/2021/dated 29.07.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.S.Raju has applied for Terms for Reference for the proposed Rough stone and Gravel quarry lease over an extent of 2.50.0 Ha in S.F.No. 180/4, 180/5, 180/8, 180/9, 180/10 and 180/11 at PeriyaVenmani Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 3,19,840m³ of rough stone & Gravel of 7338 m³ ultimate depth of mining is 37m (2m Gravel + 35m Rough stone) below ground level.

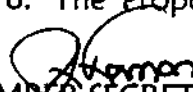
Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR)


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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

1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines.
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
6. The Proponent shall carry out the Cumulative impact study due to mining


MEMBER SECRETARY
SEAC -TN

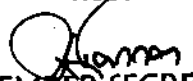
K. S. MOHAN
Secretary
SEAC - TN
Chennai-15


CHAIRMAN

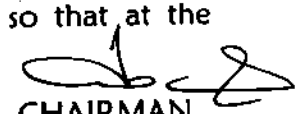
SEAC- TN
S. MOHAN
Chairman
SEAC - TN
Chennai-15

from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.

7. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
8. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
9. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
10. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
11. 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).
12. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the


MEMBER SECRETARY
SEAC -TN

SEAC -TN
Member Secretary
SEAC -TN
Greenbelt


CHAIRMAN
SEAC- TN

SEAC -TN
Chairman
SEAC -TN
Greenbelt

closure time the trees would have grown well.

13. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -12

(File No: 8691/2021)

Proposed Rough Stone quarry lease over an extent of 3.00.0ha in S.F.No. 603/1 (Part-4) at Panchakshipuram Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by Thiru.B.Arunkumar- For Terms of Reference.


SIA/TN/MIN/66233/2021/dated 02.08.2021)

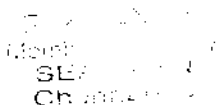
The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

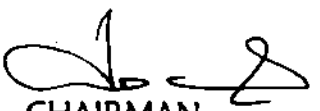
The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Thiru.B.Arunkumar has applied for Terms for Reference for the proposed Rough Stone quarry lease over an extent of 3.00.0ha in S.F.No. 603/1 (Part-4) at Panchakshipuram Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 4,46,527m³ of rough stone ultimate depth of mining is 62m (30m above ground level + 32m below ground level).


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



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SEAC -TN


SEAC - TN
Chairman



CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
08.10.2021

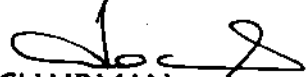
1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. Considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining the committee restricts the depth of mining to 36m ultimate depth and the proponent shall furnish revised mining plan from AD mines during the final EIA submission.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.


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SEAC- TN

7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
12. 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).
13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt


MEMBER SECRETARY
SEAC -TN
 R. KANNA
 Member
 SEAC - TN
 Chennai-15


CHAIRMAN
SEAC- TN
 Chairman
 SEAC - TN
 Chennai-15

needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.

14. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -13

(File No: 8695/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.10.50ha in S.F.No. 718 & 720 at Magaral "B" Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu by Thiru.R.Surya- For Terms of Reference.

SIA/TN/MIN/65370/2021/dated 03.08.2021)

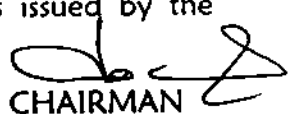
The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.R.Surya has applied for Terms for Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 2.10.50ha in S.F.No. 718 & 720 at Magaral "B" Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 1,72,657m³ of rough stone 46,548m³ of Gravel ultimate depth of mining is 25m (3m Gravel + 22m Rough Stone).

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


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SEAC -TN


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman

MOEF & CC to be included in EIA/EMP Report:

1. Restricting the depth of mining to 20m ultimate depth and quantity of 1,61,587 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air


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SEAC - TN
Chennai-15


CHAIRMAN

SEAC- TN

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

- quality, soil quality & flora/fauna including traffic/vehicular movement study.
7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
 8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
 9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
 10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
 11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
 12. 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).
 13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very


MEMBER SECRETARY

SEAC -TN

R. KANTHA
Member
SEAC
TN


CHAIRMAN

SEAC- TN

CHAIRMAN
SEAC
TN

close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.

14. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -14

(File No: 8696/2021)

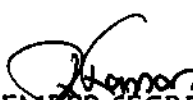
Proposed Rough Stone & Gravel quarry lease over an extent of 4.88.0Ha in S.F.No. 170/2, 170/3, 170/4, 236/1B, 236/1C, 236/1D & 220/1A1(P) at Siruthamur Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu by Thiru.S.Hemprasath- For Terms of Reference.

SIA/TN/MIN/66281/2021/dated 03.08.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.S.Hemprasath has applied for Terms for Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 4.88.0ha in S.F.No. 170/2, 170/3, 170/4, 236/1B, 236/1C, 236/1D & 220/1A1(P) at Siruthamur Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 4,42,582m³ of Rough stone 31,734m³ of Weathered rock and 31,734m³ of Gravel ultimate depth of mining is 25m below ground level.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN
SEAC- TN
S. JAYAKANNAN
Chairman
SEAC - TN
Chennai-15

Since there is a tank and agricultural activities and also it is seen in google map lot of trees planted row wise, but proponent says it is a "Mullumaram". To check all the Environmental settings the committee decided to make a site visit by sub-committee of SEAC.

On receipt of the site visit report, the committee would further deliberate on this project and decide the further course of action.

Agenda No: 237 -15

(File No: 8710/2021)

Proposed Multicolored Granite Quarry Project at over an Extent of 3.44.5ha Patta of Patta land in S.F.Nos. 59/2B, 59/3A(P), 59/3B, 60/2A & 60/3A of Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru.G.Udhayakumar- For Terms of Reference.


SIA/TN/MIN/63132/2021/dated : 05.05.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru. G.Udhayakumar has applied for Terms for Reference for the proposed Multicolored Granitequarry lease over an extent of 4.88.0ha in S.F.No. 170/2, 170/3, 170/4, 236/1B, 236/1C, 236/1D & 220/1A1(P) at Siruthamur Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 9,222m³ of Multicolored Granite ultimate depth of mining is 26m (1m topsoil + 25m Multicolored Granite) 40% recovery.

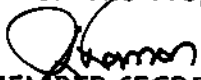
Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR)


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

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

1. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines.
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
6. The Proponent shall carry out the Cumulative impact study due to mining



MEMBER SECRETARY
SEAC -TN

Secretary
SEAC -TN
Chennai-15


CHAIRMAN
SEAC -TN
CHIEF MAN
SEAC -TN
Chennai-15

from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.

7. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
8. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
9. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
10. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
11. 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).
12. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

closure time the trees would have grown well.

13. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -16

(File No: 8711/2021)

Proposed Rough Stone quarry lease over an extent of 2.20.0 Ha in S.F.No. 662 (P) at ThorapalliAgraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. A.V.S. Tech Building Solutions India Pvt Ltd - For Terms of Reference.

SIA/TN/MIN/64324/2021/dated 30.06.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, M/s. A.V.S. Tech Building Solutions India Pvt Ltd has applied for Terms for Reference for the proposed Rough Stone quarry lease over an extent of 2.20.0 Ha in S.F.No. 662 (P) at ThorapalliAgraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 3,04,455m³ of Rough Stone 7,344m³ of Topsoil ultimate depth of mining is 51m (16m above ground level + 35m below ground level).

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


MEMBER SECRETARY

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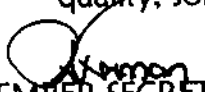
K. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN

SEAC- TN

Dr. S. J. CHANDRAN
Chairman
SEAC - TN
Chennai-15

1. Restricting the depth of mining to 41m ultimate depth and quantity of 277385 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.

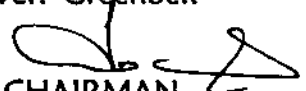

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SEAC -TN


CHAIRMAN
SEAC- TN

7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
12. 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).
13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt


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SEAC - TN

Dr. P. S. Srinivasan
Member Secretary
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Chennai - 600 009


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Dr. C. Mohan
Chairman
SEAC - TN
Chennai - 600 009

needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.

14. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -17

(File No: 8723/2021)

Proposed Rough stone and Gravel quarry lease over an extent of 2.00.0ha in S.F.No's. 406/2B(P), 406/3A, 406/4A, 406/2G, 406/3B and 406/4B at Panapatti Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru.K.N.Venkatachalam- For Terms of Reference.

SIA/TN/MIN/66611/2021/dated 14.08.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.K.N.Venkatachalam has applied for Terms for Reference for the proposed Rough stone and Gravel quarry lease over an extent of 2.00.0ha in S.F.No's. 406/2B(P), 406/3A, 406/4A, 406/2G, 406/3B and 406/4B at Panapatti Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 2,95,680 m³ of Rough Stone & 30,208 m³ of Gravel ultimate depth of mining is 47m below ground level.


Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR)


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with Public Hearing. Subject to the following TORs in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. Restricting the depth of mining to 37m ultimate depth and quantity of 1,46,020 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.


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6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
12. 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).
13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas.


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13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
14. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -18

(File No: 8733/2021)

Proposed Rough stone and Gravel quarry lease over an extent of 2.48.0Ha in S.F.No's. 80/2B(P) & 81/2(P) at Karunchamigoundenpalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru.K.VazhaithottaGounder- For Terms of Reference.

SIA/TN/MIN/66812/2021/dated 21.08.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.K.VazhaithottaGounder has applied for Terms for Reference for the proposed Rough stone and Gravel quarry lease over an extent of 2.48.0Ha in S.F.No's. 80/2B(P) & 81/2(P) at Karunchamigoundenpalayam Village, Madukkarai Taluk, Coimbatore


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R. KANNAN
Member Secretary
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Dr. S. MOHAN
Chairman
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Chennai-15

District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 3,13,815m³ of Rough Stone & 5,596m³ of Gravel ultimate depth of mining is 42m (2m Gravel + 40m Rough Stone) below ground level.

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

1. Restricting the depth of mining to 32m ultimate depth and quantity of 2,58,755 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt along


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SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15



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Chairman
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Chennai-15

within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.

6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
12. 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).
13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species


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R. KANNAK
Member-Secretary
SEAC - TN
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J. S. MOHAN
Chairman
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Chennai-15

should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.

14. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -19

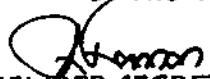
(File No: 8743/2021)


Proposed Rough stone and Gravel quarry lease over an extent of 1.10.5Ha in S.F.No's. 293/1A(P) & 293/2B(P) at Mellur Duraisamipuram Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu by Thiru.K.A.Rajagopal - For Terms of Reference. SIA/TN/MIN/66578/2021/dated 18.08.2021)

The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.K.A.Rajagopal has applied for Terms for Reference for the proposed Rough stone and Gravel quarry lease over an extent of 1.10.5Ha in S.F.No's. 293/1A(P) & 293/2B(P) at Mellur Duraisamipuram Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not



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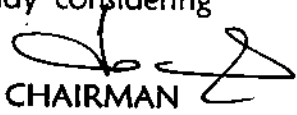
exceed 64,390m³ of Rough Stone & 45,468m³ of Gravel ultimate depth of mining is 26.0m below ground level.

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

1. Restricting the depth of mining to 21m ultimate depth and quantity of 62390 cu.m of Rough stone & 45,468 cu.m of Gravel for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. The Project Proponent shall conduct the hydro-geological study considering


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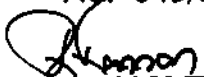
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-16


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SEAC- TN

Dr. S. MOHAN
Chairman
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the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.

6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
12. The project proponent shall submit revised CER activities for governments schools only.
13. 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.


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Chairman
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981/2016, M.A.No.982/2016 & M.A.No.384/2017).

14. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
15. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237 -20

(File No: 8755/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 7.00.0ha in S.F.Nos. 635/1A, 635/2A, 740, 800/2 (P) & 801 (P) at Marudur Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by M/s. Venkateswara Blue Metals - For Terms of Reference.

SIA/TN/MIN/67094/2021/dated 30.08.2021)


The proposal was placed in 237th SEAC meeting held on 08.10.2021. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, M/s. Venkateswara Blue Metals has applied for Terms for Reference for the proposed Rough Stone and Gravel quarry lease over an extent of 7.00.0ha in S.F.Nos. 635/1A, 635/2A, 740, 800/2 (P) & 801 (P) at


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13-10-2021
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Chennai-15


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Marudur Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The Production for the five years states that total quantity should not exceed 24,32,415m³ of Rough Stone & 1,10,220m³ of Gravel ultimate depth of mining is 67m (26m above ground level + 41m below ground level).

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


1. Restricting the depth of mining to 57m ultimate depth and quantity of 21,36,255 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier.
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained, the copy of the same shall be submitted.
 - g) whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
3. A detailed study of the lithology of the mining lease area shall be furnished.
4. The proponent shall furnish photographs of adequate fencing, green belt


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along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.

5. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
7. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
8. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
9. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
10. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
11. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
12. 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


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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).

13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
14. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237-21

(File No: 6805/2019)

Proposed Roughstone and Gravel Quarry of over an extent of 12.56.5 Ha at Survey Nos. 760/1, 760/2, 762/1,762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District, Tamil Nadu by Thiru.D.Mohanraj - For Environmental Clearance.

(SIA/TN/MIN/60859/2019, dated:16.02.2021)


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The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.D.Mohanraj, has applied for Environmental Clearance for the proposed rough stone and Gravel Quarry of over an extent of 12.56.5 Ha at Survey Nos. 760/1, 760/2, 762/1,762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District, Tamil Nadu.
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 states that the total quantity of recoverable as 4,12,440 cu.m of rough stone & 1,24,371 cu.m of Gravel and the ultimate depth of mining is 25m (25m Rough stone and 3m weathered Gravelly formation).
4. ToR issued vide Lr. No. SEIAA-TN/F.No. 6805/SEAC/TOR-646/2019 Dated 05.09.2019.
5. The public hearing was conducted on 17.11.2020.
6. EIA Report Received by the SEIAA office Dt: 03.05.2021.

Based on the presentation made by the proponent and the documents furnished, SEAC decided that mining in large area of around 12.6 Ha would will have devastating effect on the life of black buck which is an endangered animal (schedule 1). Article 51E says environmental protection and protecting animals wild life is the duty of every citizen.

If the proposed mine is being carried out over the entire area there is a heavy danger that these bucks may get trapped into this mining area even with fencing and we are of opinion that the ecoservices being rendered by these endangered needs to be protected. Hence in order to protect the endangered animals which otherwise will extinct from the area, the committee is on the opinion that environmental clearance is not recommended.


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Report by member Mr.B.Sugirtharaj Kovilpillai who is an expert in Forest and Wild life activities.

"Dear Sir / Madam,

The following report is placed before the SEAC for consideration. I furnish the following details with reference to the proposal for quarrying in S.F.Nos. 760/1, 760/2, 762/1, 762/2A, & 763, Padmanabamangalam Village, Srivaikundam Taluk, Thoothukudi District for favour of kind consideration.

Vallanadu Blackbuck Sanctuary is the southernmost abode of blackbucks in India. This sanctuary houses varieties of animals and plants. The fauna of Vallanadu Blackbuck Sanctuary includes blackbuck, spotted deer, sambar, scaly ant eater, monitor lizard, jungle cat, grey mongoose, black naped hare, vipers, peacock, heron, grey francolin, common quail, crested hawk eagle, black winged kite, red wattled lapwing, night jar, sparrows, homed owl etc. This is an isolated hillock with scrub jungle.

This sanctuary is dedicated for the conservation of blackbuck an endangered animal, found in the red data book of IUCN and included in schedule I of Wildlife Protection Act, 1972.

Blackbucks require open grassland with intermittent bushes. They are sensitive to environmental pressures and adequate land is required for their survival. The limited space available in the sanctuary along with scarcity of food and water especially during summer poses a great threat for their survival.

The blackbucks have regular habit of coming out of the sanctuary and graze in the wastelands on the eastern and western sides outside the sanctuary.

Under these circumstances, I request the committee to consider the points mentioned in the research papers,

1. "Conservation of a fragmented population of blackbuck" published in Current


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Science, Vol. III, No. 3, 10th August 2016.

"In VBS blackbucks were seen spending the night in the grass fallow outside and move towards the forests only when disturbance levels increased in the outside areas. It therefore appears that the preferred habitat lies in the eastern fallow outside the VBS." (Pg.547)

"Moreover, the land use further away from the fallow is highly urbanized, and industrialized due to the presence of quarries." (Pg.547)

"There are increasing evidences to this, as blackbucks are frequently seen 5 km away from VBS along main roads and also in private farms and near irrigation tanks." (Pg.548)

2. *"Distribution patterns and habitat requirements of blackbucks in Vallanadu Blackbuck Sanctuary implications for conservation and management." published in Indian Forester, 140 (10) : 1005-1013, 2014.*

"Most of the herds (blackbucks) were seen in the open fallow grasslands on the eastern side of the sanctuary." Pg.1008


"A few perennial sources outside the reserve were mostly visited by domestic livestock, but, also frequented by blackbuck." Pg.1008

"The open fallow (grassland) outside the eastern edge of VBS offers water and forage and good staging sites for the males but not adequate protection. This patch of open fallow land is an island of about 3 sq km surrounded by activities such as mining, real estate and proposed highway construction." Pg.1011

"The open fallow grasslands may serve as important breeding areas of the Buck and needs to be conserved alongside the sanctuary." Pg.1012

"These areas are however, coming in conflict with quarrying activities, which are creating continuous disturbances to the blackbuck." Pg.1012

These research papers clearly mention that blackbucks move upto 5 km outside the sanctuary on the eastern side and mining activities will have a disastrous effect on blackbucks.


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Chennai-60

Based on these above facts, it is suggested that the proponent may get a detailed letter from the DFO (Tirunelveli) about the safety of blackbuck due to mining.

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

Agenda No: 237-22

(File No: 6914/2021)

Proposed Rough stone Quarry of over an extent of 2.82.0 Ha at Survey Nos. S.F. No: 1151, 1155, 1212 to 1219, 1222, 1225 & 1226/A (Part III) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.K.Murugesh- For Environmental Clearance.

(SIA/TN/MIN/204178 /2019, dated:16.02.2021)

The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.K.Murugesh, has applied for Environmental Clearance for the proposed Rough stone Quarry of over an extent of 2.82.0 Ha at Survey Nos. S.F. No: 1151, 1155, 1212 to 1219, 1222, 1225 & 1226/A (Part III) in Kamandoddi Village, 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 states that the total quantity of recoverable as 28,26,467cu.m of rough stone & 18,876 cu.m of Topsoil and the ultimate depth of mining is 127m (1m Top soil + 126m Rough Stone) [Above Ground level 36 m and Below Ground Level 91m].
4. ToR issued vide Lr.No.SEIAA-TN/F.No.6914/SEAC/TOR-708/2020Dated: 27.05.2020.
5. Public Hearing conducted on 22.01.2021.


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6. EIA Report submitted on SEIAA Office at Dt:19.03.2021

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

1. Restricting the depth of mining to 43m ultimate depth and quantity of 781067 cu.m of Rough stone & 18876 cu.m of Topsoil for five years with a bench height of 7m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.


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SEAC - TN
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6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers 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.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.


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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. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Krishnagiri District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
21. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.

Agenda No: 237-23

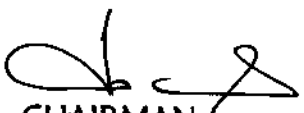
(File No: 6915/2019)

Proposed Roughstone Quarry of over an extent of 3.50.0 Ha at S.F. No: 754 & 760 (Part 4) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.P. Mallikarjuna- For Environmental Clearance.

(SIA/TN/MIN/203889/2019, dated:19.03.2021)


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R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


**CHAIRMAN
SEAC- TN**

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The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

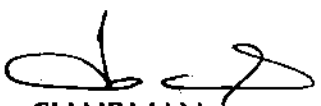
The SEAC noted the following:

1. The project proponent, Thiru. P. Mallikarjuna, has applied for Environmental Clearance for the proposed rough stone Quarry of over an extent of 3.50.0 Ha at Survey Nos. S.F. No: 754 & 760 (Part 4) in Kamandoddi Village, 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 states that the total quantity of recoverable as 31,35,433 cu.m of rough stone & 29,820 cu.m of Topsoil and the ultimate depth of mining is 127m (36m from above ground surface level and 91m from below ground surface level).
4. ToR Issued vide letter No. SEIAA-TN/F.No.6915/SEAC/ToR-665/2019 dated:06.11.2019.
5. Public hearing was conducted on 22.01.2021.
6. Date of EIA report received at SEIAA File: 6915/2019 Dt: 19.03.2021.

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

1. Restricting the depth of mining to 43m ultimate depth and quantity of 684229cu.m of Rough stone& 29820 cu.m of topsoil for five years with a bench height of 7m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.


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Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.

3. 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 showing the same before obtaining the CTO from TNPCB.
4. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers 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.


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9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
13. 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.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
15. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP


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- mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Krishnagiri District in the mining plan approval letter and the Precise area communication letter issued by Concerned District Collector should be strictly followed.
20. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.

Agenda No: 237-24

(File No: 6919/2019)

Proposed Roughstone Quarry of over an extent of 3.66.0 Ha at S.F. No: 754 & 760 (Part III) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.G. Ashoka - For Environmental Clearance.

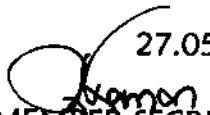
(SIA/TN/MIN/203912/2019, dated:19.03.2021).

The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.G.Ashoka, has applied for Environmental Clearance for the proposed rough stone Quarry of over an extent of 3.66.0 Ha at Survey Nos. S.F. No: 754 & 760 (Part III) in Kamandoddi Village, 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 states that the total quantity of recoverable as 3406690 cu.m of rough stone & 25345 cu.m of Topsoil and the ultimate depth of mining is 113m (2m from above ground surface level and 111m from below ground surface level).
4. ToR issued vide letter No.SEIAA-TN/F.No.6919/SEAC/ToR-705/2020 dated:

27.05.2020.


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5. Public hearing was conducted on 22.01.2021.
6. Date of EIA report received at SEIAA File No.6919/2019 Dated 19.03.2021.

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


1. Restricting the depth of mining to 43m ultimate depth and quantity of 1442840 cu.m of Rough stone & 25345 cu.m of Topsoil for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the


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Chennai-16

trees would have grown well.

6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers 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.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.


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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. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Krishnagiri District in the mining plan approval letter and the Precise area communication letter issued by Concerned District Collector should be strictly followed.
21. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.


Agenda No: 237-25

(File No: 6934/2019)

Proposed Roughstone Quarry of over an extent of 2.23.0 Ha at S.F. No: 1151, 1155, 1212 To 1219, 1222, 1225 & 1226/A (PART-IV) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.S.R.Sambangi - For Environmental Clearance.

(SIA/TN/MIN/204132/2019, dated:19.03.2021).


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19.03.2021
Krishnagiri

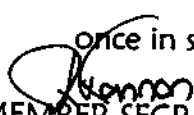
The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:


1. The project proponent, Thiru.S.R.Sambangi, has applied for Environmental Clearance for the proposed Rough stone Quarry of over an extent of 2.23.0 Ha at S.F. No: 1151, 1155, 1212 To 1219, 1222, 1225 & 1226/A (PART-IV) in Kamandoddi Village, 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 states that the total quantity of recoverable as 15,07,373cu.m of rough stone & 16,205cu.m of Topsoil and the ultimate depth of mining is 99m depth (1m Top soil + 98m Rough Stone) [Above Ground level 29m and Below Ground Level 70m].
4. ToR issued vide letter No. SEIAA -TN/ F.No. 6934/SEAC/ToR-719/2020 dated: 23.06.2020
5. The Public hearing was conducted on 22.01.2021.
6. Date of EIA report received at SEIAA File No.6934/2019 Dated 03.03.2021.

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


1. Restricting the depth of mining to 43m ultimate depth and quantity of 542101 cu.m of Rough stone & 16205 cu.m of Topsoil for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.


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3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers 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.


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10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP


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- mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Krishnagiri District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
21. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.

Agenda No: 237-26

(File No: 6935/2019)


Proposed Roughstone Quarry of over an extent of 4.30.0 Ha at S.F. No: 754 & 760 (Part V) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.V.Karunanithi - For Environmental Clearance.

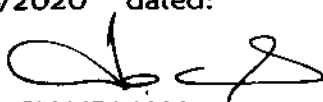
(SIA/TN/MIN/203949/2019, dated:18.03.2021).

The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.V.Karunanithi, has applied for Environmental Clearance for the proposed Rough stone Quarry of over an extent of 4.30.0 Ha at S.F. No: 754 & 760 (Part V) in Kamandoddi Village, 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 states that the total quantity of recoverable as 21,55,293 cu.m of rough stone & 35,210 cu.m of Topsoil and the ultimate depth of mining is 92m depth (1m Top soil + 91m Rough Stone) [Above Ground level 43m and Below Ground Level 49m].
4. ToR Issued: LT.No.SEIAA-TN/F.No. 6935/SEAC/ToR-704/2020 dated:


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27.05.2020.

5. The Public hearing was conducted on 22.01.2021.

6. EIA Received by the SEIAA office: 27.02.2021.

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

1. Restricting the depth of mining to 43m AGL ultimate depth and quantity of 754530 cu.m of Rough stone & 35210 cu.m for five years with a bench height of 7m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very


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Chairman
SEAC - TN
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close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.


6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers 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.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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

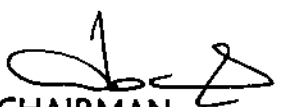

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period and the same shall be monitored by the concerned District Authorities.

15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Krishnagiri District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
21. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.


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Agenda No: 237-27

(File No: 6937/2019)

Proposed Roughstone Quarry of over an extent of 2.10.0Ha at S.F. No: 754 & 760 (Part II) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.K.Govindhappa - For Environmental Clearance.

(SIA/TN/MIN/203971/2019, dated:18.03.2021).

The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

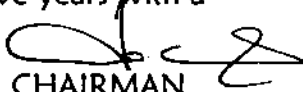
1. The project proponent, Thiru.K.Govindhappa, has applied for Environmental Clearance for the proposed Rough stone Quarry of over an extent of 2.10.0Ha at S.F. No: 754 & 760 (Part II) in Kamandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under 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 states that the total quantity of recoverable as 1021629 cu.m of rough stone & 7252 cu.m of Topsoil and the ultimate depth of mining is 92m depth (1m Top soil + 91m Rough Stone) [Above Ground level 43m and Below Ground Level 49m].
4. ToR issued vide letter No.SEIAA-TN/F.No. 6937/SEAC/ToR-702/2020 dated: 27.05.2020.
5. The Public hearing was conducted on 22.01.2021.
6. Date of EIA report received at SEIAA:File No.5937/2019 Dated 19.03.2021.

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

1. Restricting the depth of mining to 43m AGL ultimate depth and quantity of 754530 cu.m of Rough stone & 35210 cu.m of Topsoil for five years with a


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bench height of 7m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.

2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been


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disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.

9. Proper barriers 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.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be



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- obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.
 18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
 19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
 20. All the conditions imposed by the Assistant Director, Geology & Mining, Krishnagiri District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
 21. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.

Agenda No: 237-28

(File No: 7528/2020)


Proposed Roughstone and Gravel Quarry of over an extent of 0.72.0 Ha at Survey Nos.S.F. No: 44/ 10, 44/11, 44/12 and 44/13 in Vadikottai Village, Sankarakovil Taluk, Tirunelveli District, Tamil Nadu by Thiru.D.Arunachalasamy- For Environmental Clearance.

(SIA/TN/MIN/148456/2020, dated:17.03.2021).

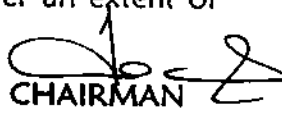
The project proposal was placed in 180th SEAC Meeting held on 08.10.2020. The details furnished by the project Proponent are given in the website of <http://parivesh.nic.in>

SEAC noted the following:

1. The Proponent Thiru.D.Arunachalasamy applied for Environment Clearance for the proposed Rough Stone, Jelly & Gravel quarry lease over an extent of


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0.72.0 ha at 44/10, 44/11, 44/12 & 44/13 Vadikottai Village Sankarakovil Taluk, Tirunelveli District.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the Five years states that the total quantity of recoverable as 58,550 cu.m of rough stone & 9,282 cu.m of Gravel Formation and the ultimate depth of mining is 37m Below Ground Level.

On initial verifications, the concern engineer informed that total extent of the quarries lease periods was not mentioned for the existing quarries in the AD Lr. No. RC.No.M1/5315/2015 Dt. 08.11.2019.

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

The concerned has now revised the check list including the above details and revised check list was submitted to the committee for meeting.

The proposal was again placed for appraisal in this 237th meeting of SEAC held on 08.10.2021.

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

1. Restricting the depth of mining to 27m ultimate depth and quantity of 57500 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.


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2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt


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R. KAUMYAN
Member Secretary
SEAC - TN
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and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.

10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.


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19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Tirunelveli District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.

Agenda No: 237-29

(File No: 7537/2019)


Proposed Rough stone and Gravel quarry lease over an extent of 1.73.5Ha at S.F.Nos. 17914 & 179/5 in Pudupalayam Village, Perundurai Taluk, Erode District, Tamil Nadu by Thiru T.K. Goutham - For Environmental Clearance.

(SIA/TN/MIN/149984/2020, dated: 20.03.2020)

The proposal was placed in this 161th SEAC meeting held on 26.06.2020. The project proponent made detailed presentation. The detail of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following

1. The Proponent, Thiru.T.K.Goutham, applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.73.5 Ha in S.F.No. 179/4 & 179/4 at Pudupalayam Village, Perundurai Taluk, Erode 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 states that the total quantity of recoverable as 125020 cu.m of rough stone & 103820 cu.m of Gravel Formation and the ultimate depth of mining is 45m Below Ground Level.


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SEAC - TN
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Based on the presentation made by the proponent and the documents furnished and after verifying the office file. SEAC noted that essential details, sought (EDS) by SEIAA office and also the SEIAA office informed that the project proponent not Submitted the Essential details sought by SEIAA-TN. Hence, the SEAC decided to refer back the Subject to SEIAA office and place the Subject after obtaining the essential details. Sought by SEIAA office from the project proponent.

The proposal was placed before the 186th SEAC meeting held on 21.11.2020. The SEAC noted that the Essentials Detail sought from the pp by the SEIAA office is as follows,


1. Two excavated pits one on Southern Side and another on NE, Side with 500 m radius are visible on Google Satellite map of the proposed quarry. However only one existing quarry (no abandoned quarry) is reported in the mining approval letter. Also only one excavated pit is shown on Plate No.1B of Topo Sheet.

Hence the project proponent may be requested to obtain clarification/revised mining plan from DD/C&M/Erode in this regard.

The details of habitation within 300m radius of the proposed quarry, should be obtained from the concerned VAO /Tashildhar and submit to SEIAA.

SEAC noted that the project proponent had furnished in his reply dated 06.07.2020, enclosing copy of the letter from the Deputy Director, Department of Geology and Mining, Erode District, vide letter No 181/Mines/2019 dated: 03.07.2020. The details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone and Gravel quarry. As the project proponent has not replied to the Essential Data sought by the SEIAA office, the SEAC directed the proponent to obtain the followings,

1. Revised Mining plan approval for the proposal incorporating the two excavated pits.


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2. To furnish the following details from the Deputy Director, Department of Geology and Mining, Erode District.
 - a. Period of the operation and stoppage of the earlier mines ?
 - b. Quantity of minerals mined out
 - c. Depth of mining
 - d. Names of the persons already mined in that lease area.
 - e. e) If EC already obtained, then the compliance report of the conditions stipulated in earlier EC.
3. Letter from the VAO concerned with details of habitation within 300m radius of the proposed quarry.

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


The Project proponent furnished the above said details to SEIAA-TN on 20.01 2021.

The subject was once again placed in the 214th SEAC meeting held on 23.06.2021. After detailed discussion the SEAC has decided to call the proponent for representation in one of the ensuing meeting.


Now the subject was once again placed in the 237th SEAC meeting held on 23.06.2021.

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

1. Restricting the depth of mining to 35m ultimate depth and quantity of 115050 cu.m of Rough stone & 103820 cu.m of Gravel for five years with a bench height of 5m as per the approved mining plan considering the


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hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.

2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. 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 showing the same before obtaining the CTO from TNPCB.
5. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.

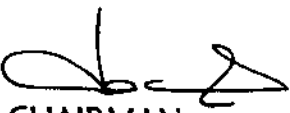

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9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. 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.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
17. 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.


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18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Erode District in the mining plan approval letter and the Precise area communication letter issued by Concerned District Collector should be strictly followed.

Agenda No: 237-30

(File No: 8197/2020)

Proposed Gravel Quarry lease at over an Extent of 0.91.0ha of Government Poramboke land in S.F.No.370/1 (Part) of Senkadu Village, Viluppuram Taluk & District, Tamil Nadu by Thiru.G. Mahadevan - For Environmental Clearance.

(SIA/TN/MIN/190212/2020 dated 28.12.2020)

The proposal was placed for appraisal in this 237th of SEAC held on 08.10.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru. G.Mahadevan has applied for Environmental clearance for the proposed Gravel Quarry lease at over an Extent of 0.91.0ha of Government Poramboke land in S.F.No.370/1 (Part) of Senkadu Village, Viluppuram Taluk & District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification. 2006.
3. The production for the one year states that the total quantity of recoverable as 10,920 cu.m of Gravel should not exceed for the depth of mining 2m.

Based on the initial discussion and documents furnished by the project proponent,


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SEAC noted that the Ministry of Mines, Govt order Dt: 03.06.2020 has issued guidelines for auction of minerals blocks for pre - embedded clearance for mining projects as follows,

"Each State should identify at least five mineral blocks for auction with pre-embedded clearance. 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.

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 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%.

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.

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For EC, the PMU will complete the process and obtain the same along with FC Stage-1. 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.

The PMU should simultaneously obtain EC and prior approval for FC Stage-1 clearance for diversion of forest and for non-forest purpose for the operation 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.

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.

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.

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.

The above clearances may be transferred to the successful bidder seamlessly so that mining operations start without any delay.

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,


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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, Gol orders Dt: 03.06.2020 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 is 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 per-embedded prior Environmental/Forest Clearance for mining projects-Auctioning of mineral blocks with per-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, Gol 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:

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.


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Since the 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%.

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 report/documents furnished by the Project proponent, after detailed discussion and clarification letter provided by SEIAA, the committee felt the SEIAA may get a clarification from MoEF&CC or Ministry of mines in this regard about the applicability of Ministry of Mines, Gol vide order Dt: 03.06.2020 for minor minerals.

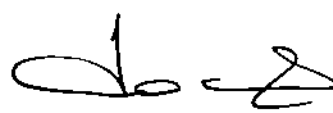
Agenda No: 237-31

(File No: 6977/2019)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.77.0Ha at S.F.Nos. 102/1A, 102/1B2, 102/1BH3 of Eraiyur Village, Vanur Taluk, Viluppuram District, Tamil Nadu by Thiru.A. Aridass - For Environmental Clearance.

(SIA/TN/MIN/62065/2021, dated: 20.03.2021)


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The proposal was placed for appraisal in this 237th of SEAC held on 08.10.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

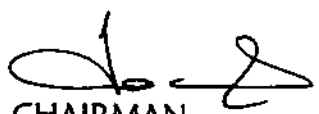
1. The project proponent, Thiru.A.Aridass, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 1.77.0Ha at S.F.Nos. 102/1A, 102/1B2, 102/1BH3 of Eraiyur Village, Vanur Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. Terms of Reference issued by SEIAA vide Lr.No. SEIAA-TN/F.No.6977/SEAC/ToR-671/2019 Dt: 19.11.2019.
4. Minutes of Public hearing conducted on 21.01.2021 at Seethalakshmi Palace, ThirumanaMaligai, Mailam - Vanur Road, Mailam Post, Tindivanam Taluk, Viluppuram District.
5. EIA Received by the SEIAA office: 23.03.2021
6. The production for the five year states that the total quantity of recoverable as 1,60,630 cu.m of Rough Stone and 23,404 cu.m of Gravel and the ultimate depth of mining is 37m.

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

1. The SEAC decided that the project proponent shall leave the adjoining parts, since there are more water bodies nearby and consider only the main block that falls under S.No. 102/1B2 (1.29.5Ha.) & part of 102/1A (0.05 Ha.) for the proposed quarrying operation, which makes a total of ~1.35 Ha. The committee has approved the same.

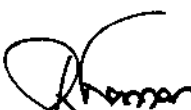

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2. Restricting the depth of mining to 27m ultimate depth and quantity of 1,38,200 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan. The committee has approved the same.
3. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
4. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
5. 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 showing the same before obtaining the CTO from TNPCB.
6. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
7. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
8. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
9. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed


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due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.

10. Proper barriers 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.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
12. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
13. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
14. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
15. 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.
16. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.


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18. 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.
19. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
20. 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 particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
21. All the conditions imposed by the Assistant Director, Geology & Mining, Viluppuram District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
22. All the commitment made by the proponent during the Public Hearing as per the minutes of Public Hearing should be implemented in total.

Agenda No: 237-32

(File No: 8647/2021)

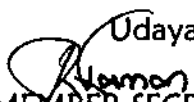
Proposed Fireclay quarry lease over an Extent of 2.52.6Ha in S.F.Nos.9/7B, 7C1, 7C2, 7C3, 7D1, 10/2E6B, 2E7, 2E8, 2E9, 10/2F, 12/2, 3, 13/1, 2, 3, 5, 6, 8, 9 & 10 in Managathi Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu by M/s. Ariyalur Minerals Private Limited - For Environmental Clearance.

(SIA/TN/MIN/219460/2021 dated: 12.07.2021)

The proposal was placed for appraisal in this 237th of SEAC held on 08.10.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Ariyalur Mineral Private Limited, has applied for Environmental Clearance for the proposed Fireclay quarry lease over an Extent of 2.52.6Ha in S.F.Nos.9/7B, 7C1, 7C2, 7C3, 7D1, 10/2E6B, 2E7, 2E8, 2E9, 10/2F, 12/2, 3, 13/1, 2, 3, 5, 6, 8, 9 & 10 in Managathi Village.


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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 states that the total quantity of recoverable as 4,29,849 cu.m of Fireclay and 26,828 cu.m of Topsoil and the ultimate depth of mining is 19m (10m AGL + 9m BGL).

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

1. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
3. 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 showing the same before obtaining the CTO from TNPCB.
4. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.



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5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers 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.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
13. 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.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 &


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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).

15. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Ariyalur District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.

Agenda No: 237-33

(File No: 7031/2019)

Proposed Construction & Expansion of Industrial shed at S. No. 19/2A1 Part, 19/3, 19/4 Part, 22/1, 22/2A1, 22/2C Part, 23,24/1, 24/2 Part, 25, 26, 27/1, 27/2, 27/3A, 27/3B, 27/4, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/2B, 32, 33, 34/1, 34/2, 51/1, 51/2, 52/1A, 52/1B,52/2A, 52/3A, 52/4A, 52/4B, 64/3, 66/1 (Pt), 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B,70/2A, 71/1, 71/2, 71/3A (Pt), 71/3B, 71/3C, 71/3D, 71/3E1, 71/3E2, 71/3E3, 72 (Pt), 73(Pt), 1026 (Pt), 199/3, 199/4, 196, 195/1, 195/2, 195/4, 195/5, 194/1B,194/2, 193/1, 193/2,195/3, 219/1, 219/2, 218,217/1, 217/2A1, 217/2A2, 217/2B, 217/3, 216/1, 216/2, 215/1,215/2, 215/3A, 215/3B, 215/4, 215/5, 214, 213/1, 213/2, 213/3, 212/1A, 212/1B, 212/1C,212/2A1, 212/2A2, 212/2A3, 212/2B, 212/3A, 212/3B, 211/1, 211/2A, 211/2B, 211/3, 211/4,211/5,


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210/1, 210/2, 210/3, 210/4, 209/1, 209/2, 207/1, 207/2, 207/3, 207/4, 207/5, 206/2A1, 206/2A2, 206/2B, 206/3, 220/1, 219/3, 220/2, 221 of Vadakupattu Village, Kundrathur Taluk, Kancheepuram district and S. Nos.14/2 (Pt), 14/3, 14/4, 14/7 (Pt), 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, I 5/5B1 of Padharvadi Village, Sriperumbudur Taluk & Kancheepuram District, Tamil Nadu by M/s.Volumnus Developers Private Limited - For Environmental Clearance.


(SIA/TN/MIS/211597/2021, dated: 08.05.2021).

The proposal was placed for appraisal in this 237th meeting of SEAC held on 08.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Volumnus Developers Private Limited, has applied for Environmental Clearance for the Proposed Construction & Expansion of Industrial shed at S. No. 19/2A1 Part, 19/3, 19/4 Part, 22/1, 22/2A1, 22/2C Part, 23,24/1, 24/2 Part, 25, 26, 27/1, 27/2, 27/3A, 27/3B, 27/4, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/2B, 32, 33, 34/1, 34/2, 51/1, 51/2, 52/1A, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, 64/3, 66/1 (Pt), 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A (Pt), 71/3B, 71/3C, 71/3D, 71/3E1, 71/3E2, 71/3E3, 72 (Pt), 73 (Pt), 1026 (Pt), 199/3, 199/4, 196, 195/1, 195/2, 195/4, 195/5, 194/1B, 194/2, 193/1, 193/2, 195/3, 219/1, 219/2, 218, 217/1, 217/2A1, 217/2A2, 217/2B, 217/3, 216/1, 216/2, 215/1, 215/2, 215/3A, 215/3B, 215/4, 215/5, 214, 213/1, 213/2, 213/3, 212/1A, 212/1B, 212/1C, 212/2A1, 212/2A2, 212/2A3, 212/2B, 212/3A, 212/3B, 211/1, 211/2A, 211/2B, 211/3, 211/4, 211/5, 210/1, 210/2, 210/3, 210/4, 209/1, 209/2, 207/1, 207/2, 207/3, 207/4, 207/5, 206/2A1, 206/2A2, 206/2B, 206/3, 220/1, 219/3, 220/2, 221 of Vadakupattu Village, Kundrathur Taluk, Kancheepuram district and S. Nos.14/2 (Pt), 14/3, 14/4, 14/7 (Pt), 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, I 5/5B1 of Padharvadi Village, Sriperumbudur Taluk & Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.


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Based on the presentation and documents furnished by the project proponent, SEAC decided that the project proponent shall clarify about the overall total water requirement gets reduced but domestic usage gets increased.

Since it an expansion project, SEAC decided to make a site visit by the sub-committee members.

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

Agenda No: 237-34

(File No: 8190/2020)

Proposed Rough Stone quarry lease over an extent of 2.60.0 Ha at S.F.Nos. 166 (p) of Pirattiyur (East) Village, Tiruchirapalli Taluk, Tiruchirapalli District, Tamil Nadu by Thiru.J.Bosco Arokiaraj - For Terms of Reference.

(SIA/TN/MIN/59496/2020 dated 29.12.2020)

The proposal was placed for appraisal in this 206th meeting of SEAC held on 08.03.2021. The details of the project furnished by the proponent are available on the website(parivesh.nic.in).

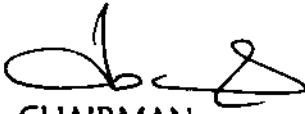
The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Thiru.J.Bosco Arokiaraj has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 2.60.0Ha at S.F.Nos. 156 (p) of Pirattiyur (East) Village, Tiruchirapalli Taluk, Tiruchirapalli District, Tamil Nadu.
2. The project/activity is covered under category "B1" of item 1(a) Mining Projects" of the Schedule to the EIA Notification. 2006.
3. The production for the Five years states that the total quantity of recoverable as 415425 cu.m of rough stone Formation and the ultimate depth of mining is 50 m Below Ground Level.


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Based on the documents furnished and presentation made by the proponent, the SEAC, after detailed deliberations, SEAC directed the proponent to make representation with the following details:


1. During the presentation, the mine lease area was shown having a small pit whereas in the Google image the size of the pit appears to be large and almost 80% seems to be mined out. Hence correct facts and figures especially about the existing situation, actual quantity already been mined out, actual depth of mining shall be furnished.
2. On the Google image, habitations were seen on the north-west and north-east sides of the mine lease area, possibly within 300 m radius. However, the VAO in his letter stated that there is no habitation within 300m radius of the mine lease area. Hence the Member secretary/SEIAA may report this to the District Collector, Tiruchirapalli to find out the actual situation as habitants should not be affected by the mining operation.

The proponent has submitted additional details vide its Lr. Dt: 08.06.2021.

The proposal was again placed for appraisal in this 237th meeting of SEAC held on 08.10.2021.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of issue of Terms of Reference (ToR) with Public Hearing, Subject to the following TORs in addition to the standard terms of reference for EIA study for mining projects and details issued by the MoEF&CC to be included in EIA/EMP report:


1. A detailed study of the lithology of the mining lease area shall be furnished.
2. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
3. The Project Proponent shall conduct the hydro-geological study considering


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the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.

4. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
6. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity.
7. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
8. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report.
9. All the queries raised during public hearing by the local habitants need to be addressed and the protective measures or management plan may be revised accordingly and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
10. 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).
11. The purpose of Green belt around the project is to capture the fugitive


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emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.

12. The project proponent shall furnish the details of the existing/proposed Green belt area earmarked with GPS coordinates and list of trees that are proposed to be planted surrounding the mining area atleast to a width of 3m along with a copy of photos/documents, and the same shall be included in the EIA Report.

Agenda No: 237-35

(File No: 8294/2021)


Proposed Rough Stone quarry & Gravel Quarry lease over an extent of 1.68.0 Ha at S.F.Nos. 80/3, 80/4, 80/5, 80/6 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu by M/s. Sai Hridham infraa (P) Ltd - For Terms of Reference.


(SIA/TN/MIN/60546/2021, dated: 05.02.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The project proponent, M/s. Sai Hridham Infraa (P) Ltd has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 1.68.0Ha at S.F.Nos. 80/3, 80/4, 80/5, 80/6 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.


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3. The production for the five years states that the total quantity of recoverable at 1,17,760 cu.m of Rough stone, 15,680 cu.m of Weathered rock & 41,292 cu.m of Gravel should not exceed for the depth of mining 45m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 41m (35m of Rough stone, 2m of weathered rock & 4 m of Gravel) considering the environmental impacts due to the mining safety of the working personnel and following the principle of the sustainable mining and the Same was accepted by the proponent. Consequently, the maximum minable quantities of 1,17,040 cu.m of Rough stone, 15,680 cu.m of Weathered rock & 41,292cu.m of Gravel are permitted for mining over five year and the EIA may be prepared considering the ultimate depth as 41 m.
2. The TOR is issued only for the rectangular section excluding remaining area on the eastern side bearing SF. No.80/17. Hence, the project proponent, shall revise mining plan, only for the rectangular section excluding remaining area on the eastern side bearing 5F. No.80/17.
3. The project proponent shall furnish revised proposal for green belt area including said area on the eastern side bearing SF. No.80/17.
4. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells & Ground water table at various depth around 1 km radius from the proposed mining site.
5. Impact of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
6. Fugitive emission modeling studies to be carried out and report shall be submitted.


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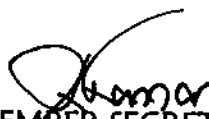
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7. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
8. The Project Proponent shall conduct the hydro-geological study to evaluate the 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. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
10. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non - monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
11. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
12. The details of surrounding wells (both open wells and bore well within a radius of 1 km should be collected and the cumulative impact on the ground water Shall be part of EIA study.
13. The Socio-economic impact assessment of the project need, to be carried out within 10 km buffer zone from the mines.
14. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).


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15. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
16. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
17. A detailed mining closure plan for the proposed project shall be submitted.
18. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
19. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A. No.404/2016 (M.A.No. 758/2016, M.A.No.920/2015. M.A.No.1122/2016, M.A.No.121/2017 & 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).
20. Details of the lithology of the mining lease area shall be furnished.
21. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
22. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority if applicable.
23. The proponent shall submit the waste management plan along with EIA report.
24. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
25. Wind speed data of the project site shall be furnished.


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26. 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.

Further it was decided to make a site-inspection by the sub-committee of SEAC to assess, the present status of the site and the environmental settings.

In this connection, the site was inspected by the sub-committee on 03.10.2021 (Sunday) and submitted the inspection report to the SEAC for further course of action.

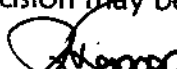
OBSERVATIONS OF THE SUB-COMMITTEE

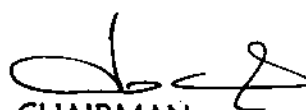
1. The visit site was found to have under taken the cleaning site.
2. There is an adjacent mines as well as a odai (on the southern side).
3. The odai should be restored to its original shape and the water flow area may be restored completely.
4. A gap of 7.5m needs to be maintains between existing mine and proposed mines.

RECOMMENDATIONS OF THE SUB COMMITTEE

1. The proponent shall provide fencing all along the periphery of the site and furnish photographs of the same.
2. The proponent shall earmark mining area leaving a safety distance of 7.5 m all along the periphery of the site considering adjacent Quarry on southern side and the abutting road on the eastern side.
3. The proponent shall develop green belt with miyawaki scheme in the buffer zone of 7.5 m along the periphery of the site.

Hence the subcommittee opines that the proposal for quarrying over an extent of 1.68.0 Ha in S.F.No.80/3, 80/4, 80/5, 80/6 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu may be discussed in detail in the SEAC meeting and decision may be taken.



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In this connection, the proposal was again placed for appraisal in this 237th meeting of SEAC held on 08.10.2021.

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 ToRs in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF& CC to be included in EIA/EMP report:

1. Restricting the maximum depth of mining up to 41m (35m of Rough stone, 2m of weathered rock & 4 m of Gravel) considering the environmental impacts due to the mining safety of the working personnel and following the principle of the sustainable mining and the Same was accepted by the proponent. Consequently, the maximum minable quantities of 1,17,040 cu.m of Rough stone, 15,680 cu.m of Weathered rock & 41,292cu.m of Gravel are permitted for mining over five year and the EIA may be prepared considering the ultimate depth as 41 m.
2. The TOR is issued only for the rectangular section excluding remaining area on the eastern side bearing SF. No.80/17. Hence, the project proponent, shall revise mining plan, only for the rectangular section excluding remaining area on the eastern side bearing SF. No.80/17.
3. The project proponent shall furnish revised proposal for green belt area including said area on the eastern side bearing SF. No.80/17.
4. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells & Ground water table at various depth around 1 km radius from the proposed mining site.
5. Impact of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
6. Fugitive emission modeling studies to be carried out and report shall be submitted.


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7. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and 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. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
10. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non - monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
11. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining. Crushers and other activities around the site area.
12. The details of surrounding wells (both open wells and bore well within a radius of 1 km should be collected and the cumulative impact on the ground water Shall be part of EIA study.
13. The Socio-economic impact assessment of the project need, to be carried out within 10 km buffer zone from the mines.
14. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).


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15. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
16. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
17. A detailed mining closure plan for the proposed project shall be submitted.
18. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
19. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A. No.404/2016 (M.A.No. 758/2016, M.A.No.920/2015. M.A.No.1122/2016, M.A.No.121/2017 & 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).
20. Details of the lithology of the mining lease area shall be furnished.
21. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
22. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority if applicable.
23. The proponent shall submit the waste management plan along with EIA report.
24. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
25. Wind speed data of the project site shall be furnished.
26. 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.


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Agenda No: 237-36

File No: 8300/2021)

Proposed Rough stone & Gravel quarry lease area over an extent of 4.95.0Ha at S.F.Nos. 891(P) of Kumbikulam Village, Radhapuram Taluk, Tirunelveli District ,Tamil Nadu by Thiru.P.M.R.Ajish Raja- For Environmental Clearance.

(SIA/TN/MIN/195809/2021, dated: 01.02.2021).

The proposal was placed for appraisal in this 225th meeting of SEAC held on 13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


The SEAC noted the following:

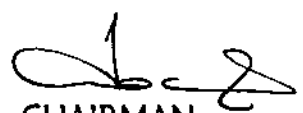
1. The project proponent, Thiru.P.M.R.AjishRaja, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 4.95.0Ha at S.F.Nos. 891(P) of Kumbikulam Village, Radhapuram Taluk, Tirunelveli District,Tamil Nadu.
2. The project/activity is covered under 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 states that the total quantity of recoverable as 945000 cu.m of Rough stone & 76212 cu.m of Gravel and the ultimate depth of mining is 42m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC observed that there are many tanks and canal nearby the site and hence SEAC decided to make an on - the - spot site inspection to assess the present status of the site by the sub-committee constituted by the SEAC and also SEAC decided to restrict the depth to 32m. Based on the inspection report SEAC would further deliberation on this project and decide the further course of action.

In this connection, the site was inspected by the sub-committee on 24.09.2021 (Friday) and submitted the inspection report to the SEAC for further course of action.

OBSERVATIONS OF THE SUB-COMMITTEE


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1. The proponent, Thiru. P.M.R. Ajish Raja proposed to operate a rough stone and gravel quarry over an extent of 4.95 Ha in S.F.No. 891 (P) of Kumbikulam Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. This is a Fresh quarry. There was no quarrying operation during the visit.
4. As per the village records, survey no.888 of kumbikulam village is a small village pond (ooranai) which is located on the western side at a distance of 68m from the quarry site. The land between the pond and the quarry site belongs to Tmt.R.Sumathi and the owner has given consent to raise green belt over the entire width of 68m, there is another stream in S.no.890 on the Northern side of the project and in the precise area communication a condition has been laid to leave 50m safety distance. The proponent has given consent to raise green belt over the entire 50m width.
5. There is no habitation with in a distance of 1 km.


RECOMMENDATIONS OF THE SUB COMMITTEE


The sub committee opines that the said village pond (Oorani) in survey no. 888 of kumbikulam village is a seasonal pond water body where rain water collects during monsoon and there is no ayacut area fed by this oorani.

The quarry site completely surrounded by dry lands and there is no cultivation in the surrounding area.

The owner and the lease have given consent to raise green belt in the land between and the oorani and the project site over a width of 68 m. Also the owner and the lease have given consent to raise green belt in the land between the stream and project site over a width of 50 m.

The sub-committee opines that the proposal for quarrying 4.95Ha in S.F.no.891(P) of


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kumbikulam village, Radhapuram Taluk, Tirunelveli District, Tamil nadu may be considered.

In this connection, the proposal was again placed for appraisal in this 237th meeting of SEAC held on 08.10.2021.

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

1. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
3. 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 showing the same before obtaining the CTO from TNPCB.
4. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.


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5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers 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.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
13. 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.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 &


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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).

15. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Tirunelveli District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.

Agenda No: 237-37

(File No: 8017/2020)


Proposed Rough stone & Gravel quarry lease area over an extent of 1.31.5Ha at S.F.No. 321/1C, 322/1B & 322/2A, Akilandapuram village, Kayathar Taluk Thoothukudi District, Tamil Nadu by Thiru. K. selvaraj - For Environmental Clearance.

(STA/TN/MIN/181001/2020,dated: 04.11.2020)

The proposal was placed for appraisal in this 222th meeting of SEAC held on 27.07.2021. The details of the project furnished by the proponent are given on the website (pariverh.nic.in). The SEAC noted the following:

1. The project proponent, Thiru.K.Selvaraj has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an


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extent of 1.31.5Ha at S.F. Nos. 321/1C, 322/1B & 322/2A, Akilandapuram Village, Kayathar Taluk, Thoothukudi 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 states that the total quantity of recoverable as 1,26,538 cu.m of Rough Stone & 480 cu.m of Gravel should not exceed for the ultimate depth of mining is 42m.

The Proposal was placed in 222th SEAC held on 27.07.2021. Based on the presentation made and document furnished by the Project Proponent, SEAC noted that the proposed mining area is abutting road with no fencing, no safety distance and no green belt developed along the periphery of the proposed mining area. Also, the proponent has not furnished details & compliance of conditions for the existing Pit of 17 m depth. Hence, the SEAC decided to make an onsite inspection to assess the present status of the environmental settings and the water bodies nearby, by the Sub-committee constituted by the SEAC.

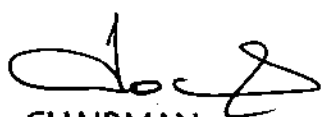
In this connection, the site was inspected by the sub-committee on 25.09.2021 (Saturday) and submitted the inspection report to the SEAC for further course of action.

OBSERVATIONS OF THE SUB-COMMITTEE

1. The proponent, Thiru. K.Selvaraj has proposed to operate a rough stone and gravel quarry over an extent of 1.31.5 Ha in S.F.No. 321/1C, 322/1B, 322/2A of Akilandapuram Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu
2. The project/activity is covered under Category "B2" "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. This is an existing quarry and applied for fresh lease. There was no quarrying operation during the visit.


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4. There is one odai at a distance of 200 m on the Western side and another odai at a distance of 330 m. on the North eastern side.
5. There is no habitation within a distance of 500 m.
6. There is only one pit which is irregular shaped covering more than three fourth area except a portion on the southern side .
7. No benches have been left.
8. Fencing - No fencing has been done.
9. No trees have been planted around the mining area.
10. Earlier, the quarry was operated by Thiru. P.Madhavaraj, Kovilpatti from 14.07.2008 to 13.07.2011 and 25.07.2011 to 24.07.2016 by leases granted by the District Collector, Thoothukudi which has no mention about depth of mining, greenbelt, fencing and bench formation.


RECOMMENDATIONS OF THE SUB COMMITTEE


1. The proponent may be directed to fence the area all around the quarry site.
2. The proponent may be directed to raise greenbelt around the mining area by planting indigenous tree species.
3. Benches shall be formed.

The sub-committee opines that the proposal for quarrying over an extent of 1.31.5 ha of Akilandapuram village, Kayathar Taluk, Thoothukudi District, Tamil Nadu may be considered subject to the conditions stated above.


In this connection, the proposal was again placed for appraisal in this 237th meeting of SEAC held on 08.10.2021.

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


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1. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
2. The proponent may be directed to fence the area all around the quarry site.
3. The proponent may be directed to raise greenbelt around the mining area by planting indigenous tree species Benches shall be formed.
4. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
5. 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 showing the same before obtaining the CTO from TNPCB.
6. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
7. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
8. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
9. 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.


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10. Proper barriers 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.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
12. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
13. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
14. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
15. 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.
16. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
18. 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.
19. The mine closure plan submitted by the project proponent shall be strictly


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followed after the lapse of the mining activities.

20. 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 particularly sanitizing facility for schools proposed in the CER and furnish the same before placing the subject to SEIAA.
21. All the conditions imposed by the Assistant Director, Geology & Mining, Thoothukudi District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.

Agenda No: 237-38

(File No: 8355/2021)

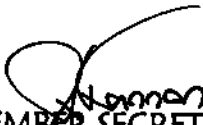
Proposed Rough stone, Jelly & Gravel quarry lease over an extent of 2.40.Oha at S.F.Nos. 575/2(P) & 586(P) in Samugarengapuram Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by M/s. Sundaravel Blue Metals- For Environmental Clearance.

(SIA/TN/MIN/198765/2021, dated: 18.02.2021)

The proposal was placed in this 207th SEAC Meeting held on 17.03.2021. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic. in).

The SEAC noted the following:

1. The project proponent. M/s. Sundaravel Blue Metals has applied for Environmental Clearance for the proposed Rough stone, Jelly & Gravel quarry lease over an extent of 2.40.Oha at S.F.Nos. 575/2(P) & 586(P) in Samugarengapuram Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable should not exceed 4,18,414 cu.m of Rough stone, 16,680 cu.m of Weathered Rock & 17,446 cu.m of Gravel respectively for the depth of mining is 44m.


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Based on the presentation made and the documents furnished by the Project proponent, the committee observed that large storage of water in the mined out area and it appears to be more than the depth indicated in the presentation. There is an water body namely Seelathikulam which is about 700m East and there is a drainage channel of about 520m South. In view of the above, SEAC decided to have on the spot site inspection to assess the actual environmental conditions.

In this connection, the site was inspected by the sub-committee on 24.09.2021 (Friday) and submitted the inspection report to the SEAC for further course of action.

OBSERVATIONS OF THE SUB-COMMITTEE

1. The proponent, Tvl. Sundaravel Blue metals Private Limited represented by Thiru. Muthusekarapandiyan, Director of Tvl. Sundaravel Blue metals Private Limited has proposed to operate a rough stone, jelly and gravel quarry over an extent of 2.40.0 Ha in S.F.No. 575/2 (P) 586 (P) of Samugarengapuram Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. This is an existing quarry and applied for fresh lease. There was no quarrying operation during the visit.
4. There is a high power line at a distance of 40m on the Southern side of the proposed site.
5. There is a water body namely Seelathaikulam which is about 700 m from the proposed site on the Eastern direction. Also there is a stream at a distance of above 500 m on the southern side.
6. There is no habitation within a distance of 500m .
7. Fencing has been done around the quarry site.
8. The depth of existing mined out pits are 6m and 4m approximately.
9. No Green belt has been raised, but the proponent has cultivated horticultural trees like Coconut, Lemon, Guaya on the eastern side.


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RECOMMENDATIONS OF THE SUB COMMITTEE

The Subcommittee opines that the said Seelathikulam is a seasonal water body and quarrying in the proposed site will not affect flow of water into it.

The quarry site is completely surrounded by dry lands and there is cultivation by drip irrigation in the surrounding area by the proponent himself.

The proponent may be instructed to raise green belt over a width of 40m in between the high power line and proposed site leaving safety distance as required by TANGEDCO norms.

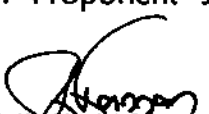
Greenbelt may be raised all around the quarry site over a width of 10m on the western and northern sides and 50m on the eastern side.

The subcommittee opines that the proposal for quarrying 2.40.0 Ha in S.F.No. 575/2 (P), 586 (P), Samugarengapuram Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu may be considered.


In this connection, the proposal was again placed for appraisal in this 237th meeting of SEAC held on 08.10.2021.

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

1. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to SEIAA once in six months.
2. The proponent shall raise green belt over a width of 40m in between the high power line and proposed site leaving safety distance as required by TANGEDCO norms.
3. The proponent shall raise Greenbelt all around the quarry site over a width of 10m on the western and northern sides and 50m on the eastern side.
4. Proponent shall ensure that the Noise level is monitored during mining


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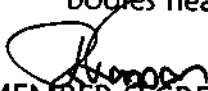
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Chairman
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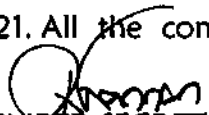
operation at the project site and adequate noise level reduction measures undertaken.

5. 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 showing the same before obtaining the CTO from TNPCB.
6. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
7. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
8. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
9. 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.
10. Proper barriers 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.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should


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- be left vacant without any activity.
12. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
 13. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 14. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
 15. 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.
 16. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
 17. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
 18. 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.
 19. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
 20. 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 particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
 21. All the conditions imposed by the Assistant Director, Geology & Mining,


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For
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Chennai-15


CHAIRMAN
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For
Chairman
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Tirunelveli District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.

Finally the meeting ended with thanks to Chairman SEAC and Committee members of SEAC at 8.45PM.


MEMBER SECRETARY

SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

128
1/8


CHAIRMAN

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Member Secretary
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