

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 249th State Expert Appraisal Committee (SEAC) held on 25th February 2022 (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 online and offline mode

Agenda No: 249-1

(File No: 8535/2021)

Proposed Construction cum expansion of Residential Quarters at GLR No.386-6,386-2 (Survey No.61/A - Part, 63/1 - Part, 63/2- Part, 64, 65/1, 65/2,Palvanthangal) GLR 395-1(Survey No. 69/1A, 69/1B, 69/1C,Nanganallur) GLR No. 387/23B, 387/23(Survey No.2 Meenambakkam),Meenambakkam village, St. Thomas Mount-cum-Pallavaram Cantonment, Chennai District by M/s Airport Authority of India— For Environmental Clearance (SIA/TN/MIS/224126/2021 Dt.10.8.2021)

The proposal was placed in this 249th SEAC Meeting held on 25.2.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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

1. The Proponent, M/s Airport Authority of India has applied for Environmental Clearance for the proposed Construction cum expansion of Residential Quarters at GLR No.386-6,386-2(Survey No.61/A - Part, 63/1 - Part, 63/2- Part, 64, 65/1, 65/2,Palvanthangal) GLR 395-1(Survey No. 69/1A, 69/1B, 69/1C,Nanganallur) GLR No. 387/23B, 387/23(Survey No.2 Meenambakkam),Meenambakkam village, St. Thomas Mount-cum-Pallavaram Cantonment, Chennai District
2. The project/activity is covered under Category "B" of item 8(b) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. It is proposed to Construction cum expansion of Residential Quarters with a built up area of 1,28,458.02 Sq.m & total plot area of 1,18,285.88 Sq.m (29.22Acres) . The total cost of the project is 321.73 crores.


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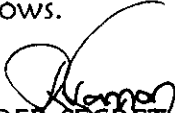
Earlier, the same proponent's proposal vide (SIA/TN/MIN/209750/2021, dated: 20.04.2021) was placed for appraisal in this 217th meeting of SEAC held on 06.07.2021. The project Proponent vide letter No. AAI/RHQ-SR/Engg(C)/Res.Colony/2021-22/320 dated 06.07.21, requested for not attending this SEAC meeting. Due to change in the project configuration, the PP would like to make some modification in the submitted application. Since the PP has not attended the meeting and no representative from them with due authorization also did not turn up. The committee has not taken up this project for appraisal.

Again the proposal was placed for appraisal in this 230th meeting of SEAC held on 31.08.2021. Based on the application and documents submitted by the project proponent, SEAC noted that there is an earlier application filed seeking Environmental Clearance vide appl. no:(SIA/TN/MIN/209750/2021, dated:20.04.2021) (8535/2021) with the current status of the file as "ADS by SEAC". Hence, the proponent shall furnish clarification why they have filed this new application seeking Environmental Clearance vide appl. no.(SIA/TN/MIN/224126/2021, dated:10.08.2021) (8535/2021) without the withdrawal of earlier application.

Further, a complaint Dt:27.07.2021 from S.Malavika was received through E-mail regarding fabricated information and documents by the proponent along with said proposal filed seeking Environmental Clearance (209750/2021). It was decided that the SEIAA office may write a letter to proponent seeking the point wise reply from the proponent regarding the complaint.

In this regard, SEIAA-TN office may furnish note after the receipt of reply received from the proponent. On receipt of aforesaid clarification from the proponent & the reply received from the proponent for the letter from SEIAA -TN, SEAC would further deliberate on this project and decide the future course of action in anyone of the forthcoming SEAC meetings. Subsequently, the subject was placed in the 478th Authority meeting held on 29.10.2021. After detailed discussions, the Authority noted as follows.

In the minutes of the 230th meeting of SEAC held on 31.08.2021, the SEAC has stated as follows.


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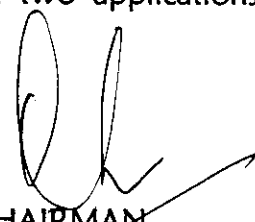
- a. Based on the application and documents submitted by the project proponent, SEAC noted that there is an earlier application filed seeking Environmental Clearance vide appl. no: (SIA/TN/MIS/ 209750/2021, dated: 20.04.2021) (8535/2021) with the current status of the file as "ADS by SEAC". Hence, the proponent shall furnish clarification why they have filed this new application seeking Environmental Clearance vide appl. no. (SIA/TN/MIS/224126/2021, dated: 10.08.2021) (8535/2021) without the withdrawal of earlier application.
- b. Further, a complaint Dt: 27.07.2021 from S. Malavika was received through E-mail regarding fabricated information and documents by the proponent along with said proposal filed seeking Environmental Clearance (209750/2021). It was decided that the SEIAA office may write a letter to proponent seeking the point wise reply from the proponent regarding the complaint.
- c. In this regard, SEIAA-TN office may furnish note after the receipt of reply received from the proponent.
- d. On receipt of aforesaid clarification from the proponent & the reply received from the proponent for the letter from SEIAA-TN, SEAC would further deliberate on this project and decide the future course of action in anyone of the forthcoming SEAC meetings."

Based on the 230th SEAC minutes and 467th SEIAA minutes, a letter was communicated to the Project Proponent vide Lr.No.SEIAA-TN/F.No.8535/2021 dated: 20.10.2021.

The Project Proponent has submitted the reply vide letter received dated 22.10.2021 stated as follows,

- "Due to change in project configuration we would like to upload modified documents as ADS to our application No.SIA/TN/MIS/209750/2021 dated.20.04.2021. But we could not upload our modified documents by creating one more file. This is the reason that two applications were created for the same project. It was brought to our notice that two applications have appeared in Parivesh Portal.


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- The same has been communicated to us vide SEAC MOM of 230th meeting held on 31.08.2021 & SEIAA letter No.SEIAA-TN/F.No.8535/2021 dated 20.10.2021. In view of the above, we request you to accept our withdrawal of old proposal No.SIA/TN/MIS/ 209750/2021 dated.20.04.2021 so that our new proposal No.SIA/TN/MIS/ 224126/2021 dt.10.08.2021 will only remain on e-portal for further perusal.”
- Further Project Proponent has submitted reply for the complaint filed by S.Malavika vide letter dated.22.10.2021.

The above details received from the project proponent were communicated to SEAC. In the minutes of the 241st meeting of SEAC held on 03.11.2021, the SEAC has stated as follows

“Based on the reply furnished by the project proponent, SEAC after detailed deliberations decided to call for the proponent for presentation in one of the forthcoming SEAC meeting”

In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent to SEAC.

Under the above circumstance, this proposal has again been placed before 249th SEAC meeting held on 25.2.2022. The SEAC noted that old proposal No.SIA/TN/MIS/ 209750/2021 dated.20.04.2021 has been withdrawn in PARIVESH. Based on the presentation and document furnished by the project proponent hence SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. The proponent shall obtain proper planning and building approvals from concerned authorities before commencing construction.
2. The proponent shall dispose the construction & demolishing waste generated during demolishing of existing building in accordance with Construction & Demolishing waste Management Rules 2016.
3. The project proponent shall provide Sewage treatment plant (UASB technology) of adequate capacity as committed and shall continuously operate and maintain the same to achieve the standards prescribed by the TNPCB/CPCB.
4. The proponent shall dispose organic waste through local body/tanotment and non-

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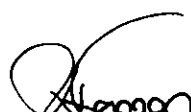
Biodegradable waste to authorized recyclers as committed.

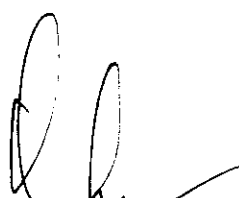
5. The height of the stacks of DG sets shall be provided as per the CPCB norms.
6. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. To TNPCB before obtaining CTO.
7. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
8. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
9. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
10. The proponent shall made compensatory plantation as per 1:10 ratio, which are affected during execution of the project.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.


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15. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
16. No waste of any type to be disposed off in any other way other than the approved one.
17. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
18. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
19. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
20. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
21. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
22. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed


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24.As accepted by the Project Proponent the CER cost is Rs. 2.41 Crores and the amount shall be spent for (1) providing free supply of sanitary napkins for six months to adult girl students through the Headmaster, (2) Installation of solar panel along with common lights (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree plantation (see appendix) in school in consultation with concerned Government school /Corporation school Headmaster before obtaining CTO from TNPCB.


Agenda No: 249-2

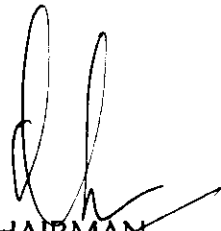
(File No:8688/2021)

Proposed development of Multi-Modal Logistics Park (MMLP) at SF.No. 1104, 1105, 1355, 1356, 1357,1358,1362,1363, 1376,1375,1228,1230,1229 Mappedu, Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by M/s National Highway Authority of India for Terms of reference.(SIA/TN/MIS/64518/2021 Dt: 25.2.2022)

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

1. The Proponent, M/s National Highway Authority of India has applied for Terms of reference for the proposed development of Multi-Modal Logistics Park (MMLP) At SF.No. 1104, 1105, 1355, 1356, 1357,1358,1362,1363, 1376,1375,1228,1230,1229 Mappedu, Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu
2. The project/activity is covered under Category "B" of item 8(b) "Township & Area development" of the Schedule to the EIA Notification, 2006.
3. It is proposed to development of Multi-Modal Logistics Park (MMLP) with a total plot area of 64.515 Ha. Phase I includes development of Warehouse, common utilities, CFS and gate complex in 16.15 Ha, Phase II includes railway connectivity and construction of bridge to bypass the existing SH traffic in 17.365 Ha. The state of art operation of the MMLP which includes the Warehouse, railway yard, Ro-Ro yard, CFS which will boost the economy of the region and the eastern part of railway yard & automobile yard will be developed in phase 3 with 25.25Ha and phase 4 involves the western part of the railway yard will be developed in 5.65Ha.



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

1. The SF.Nos with village map shall be included in the EIA/EMP report.
2. The proponent shall furnish the details of entire land accusation for this project and the same shall be included in EIA/EMP report.
3. The detailed study on traffic and its management, impact on air pollution and its mitigation measures.
4. All statutory Clearance in this regard shall be included.
5. The proponent shall furnish the design details of the STP treatmentsystem.
6. As per G.O. Ms. No. 142 approval from Central Ground water Authority shall be obtained for withdrawal of water and furnish the copy of the same, if applicable.
7. Commitment letter from competent authority for supply of water shall be furnished.
8. Copy of the village map, FMB sketch and "A" register shall be furnished.
9. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
10. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
11. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
12. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
13. Details of the Rainwater harvesting system with cost estimation should be furnished.


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14. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the water bodies around the proposed project site & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
15. The proposed OSR area should not be included in the activity area. The OSR area should not be taken into account for the green belt area.
16. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15% of the total land area of the project.
17. Cumulative impacts of the Project considering with other infrastructure developments and industrial parks in the surrounding environment within 5 km & 10 km radius shall be furnished.
18. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
19. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the ground water, emission, noise and traffic.
20. The proposal for utilization of at least 10% of Solar Energy shall be included in the EIA/EMP report.
21. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.


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Agenda No: 249-3

(File No:8103/2021)

Proposed Rough stone Quarry lease over an extent of 2.74.5Ha in S.F.Nos.584/1, 599/1A, 599/1B & 599/2 of Panchakshipuram Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by Tmt.Sundaraleela for Environmental Clearance. (SIA/TN/MIN/53410/2020 Dt: 05.10.2021)

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Tmt.Sundaraleela has applied for EC for the proposed Rough stone , quarry lease over an extent of over an extent of 2.74.5Ha in S.F.Nos.584/1, 599/1A, 599/1B & 599/2 of Panchakshipuram Village, Hosur Taluk, Krishnagiri 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 project proponent has issued with ToR vide SEIAA-TN/F.No.8103/SEAC/ToR-917/2020 Dt. 16.3.2021.
4. The Production (as ToR issued) for the five years states that total quantity should not exceed 671471 cu.m of Rough stone and 49698 cu.m of top soil with a ultimate depth of mining is 50 m (10m AGL + 40m BGL). EMP budget- Rs. 10.27 Lakhs (inc capital & recurring)

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production for the five years states that total quantity should not exceed 671471 cu.m of Rough stone and 49698 cu.m of top soil with a ultimate depth of mining is 50 m (10m AGL + 40m BGL), subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions

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


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2. As accepted by the PP the revised CER cost of Rs.10,00,000/-shall be spent with activities, particularly (1) providing free supply of sanitary napkins to adult girl students through the Headmaster, (2) Installation of solar panel along with common lights (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree plantation (see appendix) in school in consultation with concerned Government school /Corporation school Headmaster before obtaining CTO from TNPCB.

Agenda No: 249-4

(File No: 8363/2021)

Proposed Multi Coloured Granite quarry over an extent of 1.70.5 Ha located at S.F. No, 1753/1 (P), 1753/2, Sandanapalli Village, Denkanikottai Taluk, Krishnagiri District Thiru. D.Dhanapal for Environmental Clearance.(SIA/TN/MIN/198689/2021 Dt: 22.9.2021)

The proposal was placed in 249th ^{SEAC} meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent Multi Colored Granite quarry over an extent of 1.70.5 Ha located at S.F. No, 1753/1, 1753/2, Sandanapalli Village, Denkanikottai Taluk, Krishnagiri District ,Tamil Nadu by Thiru.D. D.Dhanapal
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 20,010cu.m of Granite with a depth of mining is 44 m (Existing depth 18m) below ground level. EMP budget- capital Cost – Rs. 16,32,000/- (inc Capital & Recurring cost)

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of **Environmental Clearance** for the production for the five years states that total quantity should not exceed 20010cu.m of Granite with a depth of mining is 44 m (Existing depth 18m) below ground level, Subject to the following conditions in addition to the standard conditions issued by the MOEF & CC


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1. The proponent shall furnish the certified Compliance report of the existing Environmental Clearance issued to TNPCB & copy of the same shall be submitted to SEIAA
2. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
5. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
6. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.


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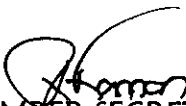
7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
9. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
10. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen (as per appendix), Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
11. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
12. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use NONEL based shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system

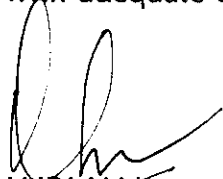

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such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

13. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.


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17. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
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 Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such license or lease is granted, as per
20. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
21. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
22. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
23. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
24. 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


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operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.

25. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
26. 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).
27. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
28. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
29. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
25. As accepted by the PP the revised CER cost of Rs.10,00,000 shall be spent with activities, particularly (1) providing free supply of sanitary napkins to adult girl students through the Headmaster (2) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins with 24/7 running water supply (3) tree plantation (see appendix) in school in consultation with concerned Government school /Corporation school Headmaster before obtaining CTO from TNPCB.


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Agenda No: 249-5

(File No:8504/2021)

Proposed Rough stone & Gravel quarry over an extent of 1.43.0 Ha located at S.F.No. 107/1, 108/2, 111/1A, 111/1B, 111/2,&112/1, Maganyam Village, Sriperumbudur Taluk Kancheepuram District by Thiru.M.Muthaiya for Environmental Clearance

SIA/TN/MIN/203375/2021dated: 01.04.2021

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Thiru.M.Muthaiya has applied for EC for the proposed Rough stone & Gravel quarry over an extent of 1.43.0 Ha in S.F.No. 107/1, 108/2, 111/1A, 111/1B, 111/2,&112/1, Maganyam Village, Sriperumbudur 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 126745 m³ rough stone and 18104 m³ gravel with a ultimate depth of mining is 32 m (2m Gravel + 30m Rough stone) below ground level. EMP cost – Rs.3.30 lakhs

Based on the presentation made by the proponent and the documents furnished, SEAC noted that Maganyam Reserve Forest is located at a distance of 1.10 km, hence Committee instructed the proponent to get ground truth letter from DFO/ Revenue Department with respect to exact distance between Maganyam Reserve Forest and least boundary of quarry site.

On receipt of aforesaid clarification from the proponent SEAC would further deliberate on this project and decide the future course of action in anyone of the forthcoming SEAC meetings.


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Agenda No: 249-6

(File No:8626/2021)

Proposed Rough stone & Gravel Quarry lease over an extent of 2.50.5 Ha S.F.No . 91/7, 91/8A, 108/1A&109/1C, Naduvalur Village Thuraiyur Taluk, Tiruchirapalli District Tamil Nadu by Thiru.K.Raja for Environmental Clearance
SIA/TN/MIN/218471/2021 dated: 07.07.2021

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Thiru.K.Raja has applied for EC for the Proposed Rough stone & Gravel Quarry lease over an extent of 2.50.5 Ha S.F.No . 91/7, 91/8A, 108/1A&109/1C, Naduvalur Village Thuraiyur Taluk, Tiruchirapalli 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 proponent has furnished the approved mining plan in two blocks Production for the five years states that total quantity should not exceed Rough Stone – 1,70,117m³ weathered rock -48891m³ & Gravel – 36,052m³.
4. Block -1 production for 3 years (1st , 2nd & 3rd years)- Rough Stone – 112147 m³ weathered rock -30015m³ & Gravel – 22052m³ with a depth of -27m
5. Block -2 production for 2 (4th & 5th years) - Rough Stone – 57970 m³ weathered rock -18876m³ & Gravel – 14000 m³ with a depth of – 22m
6. The ultimate depth of Mining 27m below ground level. EMP budget – Rs.3,40,000
7. The proponent has furnished the letter from VAO stating that the Vandipathai located in between the two blocks is not in use at presently.

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production for the five years total quantity should not exceed Rough Stone – 1,70,117m³


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weathered rock -48891m³ & Gravel – 36,052m³ (in two blocks), subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions

1. The proponent shall erect fencing all around the boundary of the proposed area (block-1 & Block-2, including kart track), since kart track is not used by general public and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB
2. The proponent shall produce original letter VAO Ir Dt. 25.2.2022 to TNPCB before obtaining the CTO from TNPCB.
3. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
4. As accepted by the PP the revised CER cost of Rs.5 lakhs shall be spent with activities, particularly provision of RO water supply & tree plantation(as per appendix) in consultation with concerned HM, Government Hr Sec school located in Naduvanur Village before obtaining CTO from TNPCB.

Agenda No: 249-7

(File No:8655/2021)

Proposed Rough Stone and Gravel Quarry lease over an extent of 2.42.5 Ha in S.F.Nos. 444/1 (P) Sokkanur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Tvl. Pollachi Granites for Environmental Clearance (SIA/TN/MIN/221061/2021 dated: 21.07.2021)

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Tvl. Pollachi Granites has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 2.42.5 Ha in S.F.Nos. 444/1 (P) Sokkanur 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.


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3. The Project Proponent has furnished the mining plan for the period of 10 years. The production for the 1st five years states that total quantity should not exceed Rough Stone – 352210m³ & Gravel – 30618 m³. The ultimate depth of Mining 27m below ground level. The EMP budget: Rs. 17,14,000/- (inc Capital & Recurring cost).

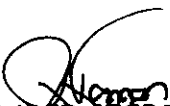
Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions.

1. The proponent shall made compensatory plantation of 500 nos, (as per appendix) instead of 42 nos of tress to be affected during mining operation and the same shall be planted within one year.
2. The proponent shall ensure that the survival rate of the plantation is more than 85%.
3. The proponent shall conduct hydro geological survey report in every six months through competent authority and submit the report to TNPCB and copy submitted to SEIAA.
4. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
5. As accepted by the PP the revised CER cost of Rs.5,00,000/- shall be spent with activities, particularly (1) construction of Girls toilet with 24/7 water facility, (2) providing sanitary napkin along with Incinerator for the disposal (if applicable), (3) tree plantation(as per appendix) in consultation with concerned Government school HM located in Sokkanur Village before obtaining CTO from TNPCB.

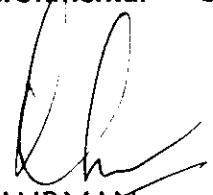
Agenda No: 249-8

(File No:8958/2022)

Proposed Construction of Industrial Building & Logistics Park Development” at SF.No. 209/1, 209/2, 209/3, 209/4, 209/5, 209/6, 229/1B, 229/2A, 229/2B, 229/2C, 229/2D, 229/2E, 229/2F, 229/2G, 229/2H, 229/2I, 229/2J, 229/2K, 229/2L, 229/2M, 230/1, 230/2, 231/1, 231/2, 232/8A, 232/8B, 234/2, 235/3B, 235/3C, 235/6, 235/7, 235/8, 235/9, 236/1B, 236/3, 237/5A, 237/5B, 237/6A, 237/7A1, 237/7A2, 249/1A1, 249/2A & 249/2C AT No.151, Kunnam Village, Sriperumbudur Taluk, Kanchipuram, District by M/s. Rathik Industrial & Logistics Park Private Limited for Environmental Clearance (SIA/TN/MIS/229117/2021 dated: 14.9.2021)


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The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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).

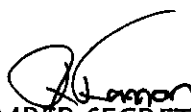
The SEAC noted the following:

1. The Project Proponent, M/s. Rathik Industrial & Logistics Park Private Limited has applied for EC for the Proposed Construction of Industrial Building & Logistics Park Development" at SF.No. 209/1, 209/2, 209/3, 209/4, 209/5, 209/6, 229/1B, 229/2A, 229/2B, 229/2C, 229/2D, 229/2E, 229/2F, 229/2G, 229/2H, 229/2I, 229/2J, 229/2K, 229/2L, 229/2M, 230/1, 230/2, 231/1, 231/2, 232/8A, 232/8B, 234/2, 235/3B, 235/3C, 235/6, 235/7, 235/8, 235/9, 236/1B, 236/3, 237/5A, 237/5B, 237/6A, 237/7A1, 237/7A2, 249/1A1, 249/2A & 249/2C AT NO.151, Kunnam Village, Sriperumbudur Taluk, Kanchipuram, District
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects of the Schedule to the EIA Notification, 2006.
3. It is proposed to develop three units with a built up area (Block 100-4602.91 Sq.m, Block 200 – 26,187.45 Sq.m & Block 300- 9492.23 Sq.m)- 40,971.59 Sq.m with total extent of 92,130 Sq.m. EMP budget (during operational phase) – capital cost – Rs. 219.5 Lakhs & operational cost – Rs. 42.6 Lakhs/year.

Based on the presentation made by the proponent and the documents furnished, SEAC instructed the proponent to furnish the following details.

1. Details of permission obtained for permanent source of domestic water supply either local body/TWAD Board/ ground water
2. Detailed traffic study report based on the last five years data obtained from Highway department.
3. The proponent shall furnish the commitment letter stating that non EIA attracting units only to be housed.
4. Baseline data for surface & ground water quality located within 2 Km from the project site.

On receipt of aforesaid details from the proponent SEAC would further deliberate on this project and decide the future course of action in anyone of the forthcoming SEAC meetings


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Agenda No: 249-9

(File No:8681/2021)

Proposed Black Granite quarry over an extent of 2.91.0Ha located at S.F. No, 682/2(Part) Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by Tvl.Nehaol Enterprises for Environmental Clearance (SIA/TN/MIN/218658/2021 dated: 08.07.2021)

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Tvl.Nehaol Enterprises has applied for EC for the proposed Black Granite quarry over an extent of 2.91.0Ha located at S.F. No, 682/2(Part) Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, , Tamil Nadu by Tvl.Nehaol Enterprises
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 Black Granite – 1,575m³ . The ultimate depth of Mining 10m above ground level.

Based on the discussion and document furnished by the project proponent, SEAC noted that the Ministry of Mines. Gol vide order Dt: 03.06.2020 has issued certain guideline for auction of minerals block for pre - embedded clearance for mining project. This proposal also is in the Govt promboke land. Earlier, SEAC has sought a clarification through SEIAA to MoEF&CC in this regard and the same is awaited. Hence the SEAC decided to defer this subject.

Agenda No: 249-10

(File No:8690/2021)

Proposed rough stone and gravel quarry lease over an extent of 1.62.00 Ha in S.F. No. 175/16 Chetthuppattu Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by Thiru S Pradhap settu for Environmental Clearance (SIA/TN/MIN/222594/2021 dated:31.07.2021)


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The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Thiru S Pradhap settu has applied for Environmental Clearance for the proposed rough stone and gravel quarry over an extent of 1.62.00 Ha in S.F. No. 175/16 Chetthuppattu Village, Sriperumbudur 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 Rough stone – 2,17,512m³ & Gravel- 37,728m³. The ultimate depth of Mining 40m (3m Gravel + 37m Rough stone) below ground level. EMP Budget- Rs. 18,29,000/- (in Capital & recurring cost)

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the Production for the five years total quantity should not exceed Rough stone – 2,17,512m³ & Gravel- 37,728m³. The ultimate depth of Mining 40m (3m Gravel + 37m Rough stone) below ground level, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions

1. The proponent shall furnish the latest photo & video graphs along with date and latitude and longitude to TNPCB before obtaining CTO.
2. Details of water level & quality in observatory well & open wells located within 2 KM from the project site to TNPCB before obtaining CTO
3. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
4. As accepted by the PP the revised CER cost of Rs.5,00,000 shall be spent with activities, particularly (1)construction of Girls toilet with 24/7 water facility, (2) providing sanitary napkin along with Incinerator for the disposal (if applicable),(3) tree plantation(as per


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appendix) in consultation with concerned Government school HM located in Chettuppattu Village before obtaining CTO from TNPCB.

Agenda No: 249-11

(File No:8700/2021)

Proposed Rough & Gravel quarry over an extent of 1.43.0 Ha located at S.F. No. 70/A2, 70/B2 & 70/C2(P) Keeranur Village, Kangeyam Taluk, Tiruppur District, Tamil Nadu by Thiru.T.Thangavelu for Environmental Clearance

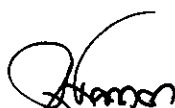
SIA/TN/MIN/223513/2021 dated:06.08.2021

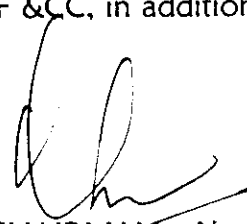
The proposal was placed in 249th SEAC meeting held on 25.02.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent Thiru.T.Thangavelu has applied for Environmental Clearance for the Proposed Rough & Gravel quarry over an extent of 1.43.0 Ha located at S.F. No. 70/A2, 70/B2 & 70/C2(P) Keeranur Village, Kangeyam Taluk, Tiruppur District, Tamil Nadu District.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
4. The Production for the five years states that total quantity should not exceed Rough stone – 1,17,756m³ & Gravel- 9,646m³. The ultimate depth of Mining is 42m (existing depth -25m & proposed 17m) below ground level . EMP Budget- Rs. 15,77,000/- (inc Capital& Recurring cost)

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for The production for the five years states that total quantity should not exceed Rough stone – 1,17,756m³ & Gravel- 9,646m³. The ultimate depth of Mining is 42m (existing depth -25m & proposed 17m) below ground level, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions.


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1. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
2. As accepted by the PP the revised CER cost of Rs.5,00,000 shall be spent with activities, particularly (1)construction of Girls toilet with 24/7 water facility, (2)providing sanitary napkin along with Incinerator for the disposal (if applicable), (3) tree plantation(as per appendix) in consultation with concerned Government school HM located in Keeranur Village before obtaining CTO from TNPCB.

Agenda No: 249-12

(File No:8701/2021)

proposed Rough Stone & Gravel quarry over an extent of 0.62.5 Ha located at S.F. No. 9/2A Sithampoondi Village, Paramathi-Velur Taluk, Namakkal District, Tamil Nadu by Thiru.D.Rangasamy for Environmental Clearance. (SIA/TN/MIN/223613/2021 Dt.7.8.2021)

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Thiru.D.Rangasamy has applied proposed Rough Stone & Gravel quarry over an extent of 0.62.5 Ha located at S.F. No. 9/2A Sithampoondi Village, Paramathi-Velur 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.
5. The Production for the five years states that total quantity should not exceed Rough stone – 32,170 m³ & Gravel- 1456m³. The ultimate depth of Mining 32m (existing depth -9m & proposed depth – 23m)below ground level below ground level. EMP Budget- Rs. 11,43,700/-(inc Capital & Recurring cost).

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production for the five years states that total quantity should not exceed Rough stone – 32,170 m³ & Gravel- 1456m³. The ultimate depth of Mining 32m (existing depth -9m & proposed depth – 23m) below ground level ,


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subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions

1. The proponent shall furnish certified compliance report on the existing EC issued to TNPCB & copy submitted to SEIAA.
2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
3. As accepted by the PP the revised CER cost of Rs.5,00,000 shall be spent with activities, particularly (1) construction of Girls toilet with 24/7 water facility, (2) providing sanitary napkin along with Incinerator for the disposal (if applicable), (3) tree plantation(as per appendix) in consultation with concerned Government school HM located in Sithampoondi Village before obtaining CTO from TNPCB.

Agenda No: 249-13

(File No:8705/2021)

proposed Rough Stone Jelly & Gravel quarry over an extent of 2.74.5 Ha located at S.F. No. 163/4, 163/5 & 162/1A Anaikulam Village, Veerakeralampudur Taluk, Tenkasi District, Tamil Nadu by Tmt.C.Maheswari for Environmental Clearance

SIA/TN/MIN/224000/2021 dated:10.08.2021

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent Tmt.C.Maheswari has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry over an extent of 2.74.5 Ha located at S.F. No. 163/4, 163/5 & 162/1A Anaikulam Village, Veerakeralampudur Taluk, Tenkasi 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 proponent has furnished the mining plan for the period of 10 years and Production for the 1st five years states that total quantity should not exceed Rough


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stone – 283105 m3 & Gravel- 44430 m3. The ultimate depth of Mining 17m (2m Gravel + 15m Rough stone)below ground level. EMP cost Rs. 4,70,000/-

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the Production for the 1st five years should not exceed Rough stone – 283105 m3 & Gravel- 44430 m3. The ultimate depth of Mining 17m (2m Gravel + 15m Rough stone)below ground level, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions

1. The proponent shall appoint a dedicated blaster as approved by competent authority during the operation of the quarry.
2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
3. As accepted by the PP the revised CER cost of Rs.5,00,000 shall be spent with activities, particularly (1) construction of Girls toilet with 24/7 water facility,(2) providing sanitary napkin along with Incinerator for the disposal (if applicable),(3) tree plantation(as per appendix) in consultation with concerned Government school HM located in Anaikulam Village before obtaining CTO from TNPCB.

Agenda No: 249-14

(File No:8716/2022)

Proposed Rough Stone, jelly & Gravel quarry over an extent of 1.82.53 Ha located at S.F. No. 27/5A1B Melathidiyur Village, Palyamkottai Taluk Tirunelveli District, Tamil Nadu by Thiru.S.Ramaiah @ Ananth for Environmental Clearance.(SIA/TN/MIN/224039/2021 dated:13.08.2021

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Thiru.S.Ramaiah @ Ananth has applied for EC for the Proposed Rough Stone, jelly & Gravel quarry over an extent of 1.82.53 Ha located at S.F. No. 27/5A1B Melathidiyur Village, Palyamkottai Taluk Tirunelveli District, Tamil Nadu


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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 Rough stone – 261750 m³, weathered rock – 13104 m³ & Gravel- 27636 m³. The ultimate depth of Mining 48m below ground level below ground level.

Based on the presentation made by the proponent and the documents furnished, SEAC noted that Kalakad Mundanthuri Tiger reserve is located 8.5 Km from the project site, the PP is directed to obtain NBWL Clearance and submit the same to SEAC.

Agenda No: 249-15

(File No:8720/2021

Proposed Black Granite quarry over an extent of 1.11.5 Ha located at S.F. No. 104/7, 104/8, 104/9A, 106/1B2, 106/1C & 106/4 Chittali (W) Village, Kunnam Taluk Perambalur District, Tamil Nadu by Thiru.K.Jaganathan for Environmental Clearance

SIA/TN/MIN/221186/2021 dated:22.07.2021

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent, Thiru.K.Jaganathan has applied for EC for the proposed Black Granite quarry over an extent of 1.11.5 Ha located at S.F. No. 104/7, 104/8, 104/9A, 106/1B2, 106/1C & 106/4 Chittali (W) Village, Kunnam Taluk Perambalur 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 Black Granite– 2515 m³. The ultimate depth of Mining 15m below ground level. EMP cost Rs. 16,62,000/- (inc capital & recurring cost)

Based on the presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities


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near ecologically sensitive areas.

“ ... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests”.

The Committee noted that the Chittali Reserve Forest is located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 249-16

(File No:8727/2022)

The proposed Rough Stone & Gravel quarry over an extent of 1.86.0 Ha located at S.F. No. 1181/2A Sivanmalai Village, Kangeyam Taluk Tiruppur District –Tamil Nadu by Thiru.K.Subramanian for Environmental Clearance

SIA/TN/MIN/225447/2021 dated:19.08.2021

The proposal was placed in 249th SEAC meeting held on 25.02.2022. 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 SEAC noted the following:

1. The Project Proponent Thiru.K.Subramanian has applied for EC for the proposed Rough Stone & Gravel quarry over an extent of 1.86.0 Ha located at S.F. No. 1181/2A Sivanmalai Village, Kangeyam 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 Rough stone -97,905m³ and Gravel -11,550m³, The ultimate depth of Mining 37m (17m existing & proposed- 20m) below ground level. EMP cost Rs. 14,32,000/- (inc capital & recurring cost)

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production for the five years quantity should not exceed Rough stone -97,905m³ and Gravel -11,550m³. The ultimate depth of Mining 37m (17m existing & proposed- 20m) below


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ground level, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions

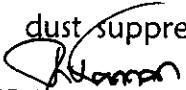
1. The proponent shall furnish the certified compliance report on the existing EC issued to TNPCB and copy of the same shall be furnished to TNPCB.
2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
3. As accepted by the PP the revised CER cost of Rs.5.50 lakhs shall be spent with activities, particularly (1) construction of Girls toilet with 24/7 water facility, (2) providing sanitary napkin along with Incinerator for the disposal (if applicable), (3) tree plantation(as per appendix) in consultation with concerned Government school HM located in Sivanmalai Village before obtaining CTO from TNPCB.


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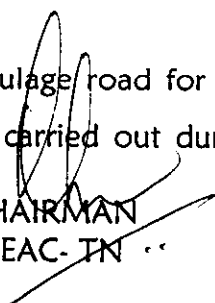

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Annexure-1

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferrous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.
7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the


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mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.

8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen (as per appendix), Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation

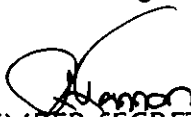
measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

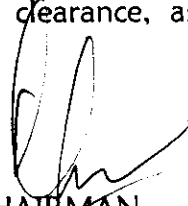
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.


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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. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. 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.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. 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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26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. 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).
28. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.


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Appendix

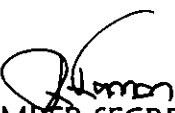
List of Native Trees Suggested for Planting

1. *Aegle marmelos* – Vilvam
2. *Adenaanthera pavonina* - Manjadi
3. *Albizia lebeck* – Vaagai
4. *Albizia amara* - Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa* - Iruvathi
8. *Buchanania aillaris* - Kattuma
9. *Borassus flabellifer* - Panai
10. *Butea monosperma* - Murukka maram
11. *Bobax ceiba* – Ilavu, Sevvilavu
12. *Calophyllum inophyllum* - Punnai
13. *Cassia fistula* - Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylon sweitenia* - Purasa maram
16. *Cochlospermum religiosum* – Kongu, Manjal Ilavu
17. *Cordia dichotoma* – Mookuchali maram
18. *Creteva adansonii* – Mavalینگum
19. *Dillenia indica* – Uva, Uzha
20. *Dillenia pentagyna* – Siru Uva, Sitruzha
21. *Diospyros ebenum* - Karungali
22. *Diospyros chloroxylon* – Vaganai
23. *Ficus amplissima* – Kal Itchi
24. *Hibiscus tiliaceous* – Aatru poovarasu
25. *Hardwickia binata* – Aacha
26. *Holoptelia integrifolia* - Aayili
27. *Lannea coromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthus tetraphylla* - Neikottai maram
30. *Limonia acidissima* - Vila maram
31. *Litsea glutinosa* –Pisin pattai
32. *Madhuca longifolia* - Illuppai
33. *Manilkara hexandra* – Ulakkai Paalai
34. *Mimusops elengi* - Magizha maram
35. *Mitragyna parvifolia* - Kadambu
36. *Morinda pubescens* – Nuna


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37. *Morinda citrifolia* - Vellai Nuna
38. *Phoenix sylvestre* - Eachai
39. *Pongamia pinnata* - Pungam
40. *Premna mollissima* - Munnai
41. *Premna serratifolia* - Narumunnai
42. *Premna tomentosa* - Purangai Naari, Pudanga Naari
43. *Prosopis cinerea* - Vanni maram
44. *Pterocarpus marsupium* - Vengai
45. *Pterospermum canescens* - Vennangu, Tada
46. *Pterospermum xylocarpum* - Polavu
47. *Puthranjiva roxburghii* - Puthranjivi
48. *Salvadora persica* - Ugaa Maram
49. *Sapindus emarginatus* - Manipungan, Soapu kai
50. *Saraca asoca* - Asoca
51. *Streblus asper* - Piraya maram
52. *Strychnos nuxvomica* - Yetti
53. *Strychnos potatorum* - Therthang Kottai
54. *Syzygium cumini* - Naval
55. *Terminalia bellerica* - Thandri
56. *Terminalia arjuna* - Ven marudhu
57. *Toona ciliate* - Sandhana vembu
58. *Thespesia populnea* - Puvarasu
59. *Walsura trifoliata* - valsura
60. *Wrightia tinctoria* - Vep


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