

Agenda .No: 134 – 12

(File No. 6947/2019)

Proposed the Savudu quarry lease at S.F.No: 708 (P) over an extent of 3.16.00 Hectares, Mandambakkam Village, Tambaram Taluk, Kancheepuram District, Tamil Nadu by Thiru. K. Elangovan, – For Environmental Clearance.  
(SIA/TN/MIN/39031/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/Lease details:

The District collector, Kancheepuram communication letter Rc.No.611/Q2/2018 dated 06.06.2019 has directed the applicant Mr. K. Elangovan to get approved mining plan and Environmental clearance certificate from the State Environment Impact Assessment Authority (SEIAA) for grant of quarrying the Earth quarry lease in S.F.No: 708 (P) over an extent of 3.16.00 Hectares, Madambakkam Village of Tambaram Taluk, Kancheepuram District, Tamil Nadu. The quarry is being permitted for a period of 70 days to take Savudu 28314 or 5,000 lorry loads.

2. Mining Plan/Scheme of Mining approval details:

The mining plan is approved by Assistant Director, Geology and Mining, Vide Roc. 611/Q3/2018 dated 26.06.2019 for a period of 70 days.

Total production for 70 days 28314 M<sup>3</sup> (or) 5000 lorry loads to a depth of 0.90m

3. As per the Approved Mining Plan Production shall not exceed 28314 M<sup>3</sup> (or) 5000 lorry loads(70 days)
4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area.

  
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5. Savudu quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m<sup>3</sup> bucket capacity and tipper /Tractor combination.
6. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area.
7. Environmental Settings  
The area is represented by Survey of India Toposheet No. 66 D/I and the geographical coordinates lie between Latitude 12°53'42.62"N - 12°53'42.62"N and Longitude 80°08'40.95"E-80°08'49.40"E.
8. Nearest habitation is West Paduvancheri village at a distance of 1.5 m on S- 2000 Population.
9. There is no water bodies within a radius of 500m. Selaiyur lake is located 2.43KM in NW direction.
10. No quarries are found within 500m radius.
11. The nearest wildlife sanctuaries and Forest located from the quarry are as follows:
  - a. Forest (Conservation) Act 1980: Nanmangalam Reserved Forest – 3.6km (N)  
Pallikaranai Marsh Reserved Forest – 9km (N).
  - b. National Park/Wildlife Sanctuary: There is no wild life sanctuaries involved around 10 km radius.
12. Water table in this area is 15 m to 20m in the boreholes.
13. The de silting of the tank will facilitate rain water harvesting and recharging of the water table in the surrounding area. For quarry operation water is not required. There is no impact to nearest water bodies due to quarry operation because the water bodies away from the lease area.
14. Archaeological / historical monuments: There is no archaeological monument found in 500 m radius.

  
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15. **Places of worship:** The Dhenupureeswarar Temple is located about 1.3 km away from eastern side.

16. The quarry lease area falls under Zone-II, Low damage risk zone (MSK VII) as per BMTPC, Vulnerability atlas Seismic zone of India 15: 1893-2002 and does not attract the general conditions as per EIA Notification, 2006.

The SEAC noted the following:

1. The Proponent, **Thiru. K. Elangovan** has applied for Environmental Clearance to SEIAA-TN for the Proposed the Savudu quarry lease at S.F.No: 708 (P) over an extent of 3.16.00 Hectares, Mandambakkam Village, Tambaram Taluk, Kancheepuram 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.

The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. From the Google map, it was noticed that there are habitations and buildings very closer to the mining site. Hence, it is requested that furnish the following details from the concern Executive Engineer, PWD
  - a) Availability of the minerals (Savudu) in the approved mine lease area
  - b) Details of de-silting work carried out in the PWD tank.
  - c) The detail of present / pending legal issues regarding the de-silting/mining in the aforesaid PWD Tank, if any
2. The proponent shall furnish the road map for transporting trucks coming out from mining site along with dust compression system for vehicular movement.

  
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SEAC-TN  


3. The project proponent has not furnished the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,

"Letter from the AD/DD Mines about the details (Name of the Owner, S F No. Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
e. Existing quarries				
1				
2				
f. Abandoned quarries				
1				
2				
g. Present Proposed quarries				
1				
2				
Total extent				

On receipt of the above details, SEAC will decide the further course of action on the proposal,

  
Chairman,  
SEAC-TN  
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Agenda .No: 134 – 08

File No: 6870/2019

Proposed Rough stone and Gravel quarry lease over an extent of 4.84.5Ha in S.F.No. 204/1A, 204/1B, 204/1D, 204/2,204/3, 205/3, 205/4 & 205/5at Vadaalapiranthan Village, Cheyyar Taluk, Tiruvannamalai District,Tamil Nadu by Thiru. M.V.Ramamoorthy, Tiruvannamalai- For Environmental Clearance.  
(SIA/TN/MIN/38276/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru. M.V.Ramamoorthy, Tiruvannamalai, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide RC. No. 97/Kanimam/2018, dated 28.05.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease for over an extent of 4.84.5Ha in S.F.No. 204/1A, 204/1B, 204/1D, 204/2, 204/3, 205/3, 205/4 & 205/5at Vadaalapiranthan Village, CheyyarTaluk, Tiruvannamalai District.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No. 97/Kanimam/2018, dated 12.06.2019.

  
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3. As per the Department of Geology and Mining, Tiruvannamala iDistrict. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 11,73,620m<sup>3</sup> and Gravel should not exceed 82,054m<sup>3</sup>
- For First year - 2,37,375m<sup>3</sup> of Rough stone and 30,758m<sup>3</sup> of Gravel  
For Second year - 2,06,450m<sup>3</sup> of Rough stone and 23,480m<sup>3</sup> of Gravel  
For Third year - 2,32,800m<sup>3</sup> of Rough stone and 27,816m<sup>3</sup> of Gravel  
For Fourth year - 2,69,950m<sup>3</sup> of Rough stone  
For Fifth year - 2,27,045m<sup>3</sup> of Rough stone
4. The quarry operation is proposed upto a depth of 67m (2m gravel and 65m Rough stone).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone and Gravel are to be transported by Tippers of 10 Nos. (20 T Capacity).
7. The project is locate at 12°37'12.49"N to 12°37'19.02"N latitude and 79°35'59.58"E to 79°36'10.85"E Longitude.
8. The total Manpower requirement is 53Nos.
9. Total cost of the projects is Rs. 1,13,60,000/- and EMP cost about Rs. 3,80,000/-
10. The Water table is found to be at the depth of 75m in summer and 70m in rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.

  
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15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 97/Kanimam/2018, dated 12.06.2019, it is informed that there is No Existing / Abandoned and Proposed quarry located within 500m radius from the proposed quarry.

The SEAC noted the following:

1. The Proponent, Thiru. M.V.Ramamoorthy has applied for Environmental Clearance to SEIAA-TN for stone and Gravel quarry lease over an extent of 4.84.5Ha in S.F.No. 204/1A, 204/1B, 204/1D, 204/2, 204/3, 205/3, 205/4 & 205/5 at Vadaalpiranthan Village, Cheyyar Taluk, Tiruvannamalai District.
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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every Six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution.

  
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suitable working methodology needs to be adopted taking wind direction into consideration.

3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 District Authorities.
7. 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).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
11. The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines, Tiruvannamalai District in the following format

  
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" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
a. Existing quarries				
1				
2				
b. Abandoned quarries				
1				
2				
c. Present Proposed quarries				
1				
2				
d. Future Proposed quarries				
1				
2				
Total extent				

This detail should be submitted to SEIAA before placing the subject to SEIAA meeting.

12. The amount of Rs. 2.05 Lakhs (2% of the project cost) shall be utilized as a CER activities to carried out for Garden maintenance in Vadaalapiranthan Government school as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

  
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1				
2				
Total extent				

2. The project proponent shall clarify if he proposes to quarry Red Soil since the mining plan approval letter obtained from the Department of Geology and Mining, Cuddalore District indicates only quarrying of Fire Clay. However the FORM 1M and mining plan indicates the proposal for quarrying Red Soil and Fire Clay.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

**Agenda No.: 134 – 14**

**(File No. 6885/2019)**

**Proposed Rough stone quarry lease over an extent of 1.00.0Ha in S.F.No. 21/1 (Part-1) at Che.Agaram Village, Chengam Taluk, Tiruvannamalai District Tamil Nadu by Thiru.M.Mani- For Environmental Clearance.**

**(SIA/TN/MIN/37941/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows;

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru. M. Mani, Tiruvannamalai, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide RC.No.08/Kanimam/2019, Dated: 20.05.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry lease over an extent of 1.00.0Ha in S.F.No. 21/1 (Part-1) at Che.Agaram Village, Chengam Taluk, Tiruvannamalai District,

  
Chairman,  
SEAC-TN  


2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No. 08/Kanimam/2019, Dated: 12.06.2019.

3. As per the Department of Geology and Mining, Tiruvannamalai District, Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 70,101m<sup>3</sup> and Topsoil should not exceed 2,186m<sup>3</sup>

For First year - 13,866m<sup>3</sup> of Rough stone and 2,186m<sup>3</sup> of Topsoil

For Second year - 14,095m<sup>3</sup> of Rough stone

For Third year - 14,710m<sup>3</sup> of Rough stone

For Fourth year - 14,440m<sup>3</sup> of Rough stone

For Fifth year - 12,990m<sup>3</sup> of Rough stone

4. The quarry operation is proposed upto a depth of 31m (1m Topsoil and 30m Rough stone).

5. The Quarry operation is proposed to carry out with open cast mechanized mining with 5.0m vertical bench and width.

6. Rough stone are to be transported by Tippers of 1 Nos. (20 T Capacity).

7. Topsoil (2,186m<sup>3</sup>) will be removed and preserved all along the boundary barrier to facilitate the green belt development. There is no proposal for disposal of Topsoil from the lease area.

8. The project is locate at 12°13'50.41"N to 12°13'54.16"N latitude and 78°59'06.51"E to 78°59'11.53"E Longitude.

9. The total Manpower requirement is 13 Nos.

10. Total cost of the projects is Rs. 46.65 lakhs and EMP cost about Rs. 3.80 lakhs.

11. The Water table is found to be at the depth of 55m in summer and 50m in rainy season.

12. Lease applied area is not covered under HACA region.

  
Chairman,  
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13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
18. No habitation within the radius of the 300m from the lease area as per letter dated 12/06/2019 as obtained from VAO, Perupakkam Group, Chengam Taluk, Tiruvannamalai District.
19. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC, No. 08/Kanimam/2019 dated 12.06.2019, it is informed that there is No Existing / Abandoned and Proposed quarry located within 500m radius from the proposed quarry.

The SEAC noted the following:

1. The Proponent Thiru. M. Mani, Tiruvannamalai has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 1.00.0Ha in S.F.No. 21/1 (Part-1) at Che.Agaram Village, Chengam Taluk, Tiruvannamalai District
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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

  
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1. Ground water quality monitoring should be conducted six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. It was noted in the Google image that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD. mines
  - a) What was the period of the operation and stoppage of the earlier mines?
  - b) Quantity of minerals mined out.
  - c) Depth of mining
  - d) Name of the person already mined in that leases area.
13. The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines, Tiruvannamalai District in the following format
  - " Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

  
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Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
k. Existing quarries				
1				
2				
l. Abandoned quarries				
1				
2				
m. Present Proposed quarries				
1				
2				
n. Future Proposed quarries				
1				
2				
Total extent				

This detail should be submitted to SEIAA before placing the subject to SEIAA meeting.

7. 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 District Authorities.
8. 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).
9. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.

  
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 SEAC-TN  
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10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
12. The amount of Rs. 1.01 Lakhs (2% of the project cost) shall be utilized as CER activities to be carried out for development of solar light facilities in Govt middle School, Che. Agaram Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

**Agenda No.: 134 – 15**

**(File No.7017/2019)**

**Proposed Gravel quarry lease over an extent of 2.40.5Ha in S.F.No. 77/2 & 77/3A at Idaiseval Village, Kovilpatti Taluk, Thoothukudi District, Tamil Nadu by M/s Railone Projects Private Limited– For Environmental Clearance.**

**(SIA/TN/MIN/40724/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

- a. The Quarry lease was applied in the name of **M/s Railone Projects Private Limited**. Precise Area Communication was issued by the District Collector, Thoothukudi vide Na.Ka. G.M.2-414/2019 Dated: 22/07/2019. It is a fresh lease for Rough stone quarry lease over an extent of 2.40.5Ha in S.F.No. 77/2 at Idaiseval Village-II, Kovilpatti Taluk, Thoothukudi District, Tamil Nadu.

**2. Mining Plan / Scheme of Mining approved details:**

  
Chairman,  
SEAC-TN  




Agenda .No: 134 - 5

(File No. 6837/2019)

Proposed Rough stone and Gravel quarry over an Extent of 3.53.0Ha at S.F.Nos. 16/11, 16/12, 17/1 & 18/3B in Thollamur Village, Vanur Taluk, Viluppuram District, Tamil Nadu by Thiru. V. Ramesh, Chennai – for Terms of Reference  
(SIA/TN/MIN/34916/2019) dated: 17.04.2019

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:

The Quarry lease was applied of Rough stone and Gravel quarry over an Extent of 3.53.0Ha in S.F.Nos.16/11, 16/12, 17/1 & 18/3B at Thollamur Village of Vanur Taluk, Viluppuram in the name of Thiru. V. Ramesh, Chennai. Precise Area Communication letter was issued by the District Collector, Viluppuram District vide Rc.No. A/G&M/463/2018, Dated: 18.01.2019 for a period of Five years. It is a Fresh lease for quarrying District.

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of 5 years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Viluppuram District vide Rc.No. A/G&M/463/2018 dated 07.02.2019.

3. As per the Department of Geology and Mining, Viluppuram District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,52,723m<sup>3</sup> and Gravel should not exceed 73,352m<sup>3</sup> (Gravel formation 24,552m<sup>3</sup> + Existing Gravel dump 48,800m<sup>3</sup>) upto a depth of 42m (2m Gravel + 40m Rough stone).

For First year - Roughstone – 88,600 m<sup>3</sup> & Gravel – 11,484 m<sup>3</sup>

For Second year - Rough stone – 90,800 m<sup>3</sup> & Gravel – 36,560 m<sup>3</sup>

  
Chairman,  
SEAC-TN  


For Third year - Rough stone – 93,747 m<sup>3</sup> & Gravel – 25,308 m<sup>3</sup>  
For Fourth year - Rough stone – 1,04,216 m<sup>3</sup>  
For Fifth year - Rough stone – 75,360m<sup>3</sup>

4. The quarry operation is proposed upto a depth of 42m (2m gravel and 40m Rough stone).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone and Gravel are to be transported by Tippers of 4 Nos. (20 T Capacity).
7. The project is locate at 12°03'10.49"N to 12°03'20.70"Nlatitude and 79°40'08.70"E to 79°40'16.98"ELongitude.
8. The total Manpower requirement is 31 Nos.
9. Total cost of the projects is Rs. 55.73 lakhs and EMP cost about Rs. 3.80 lakhs.
10. The Water table is found to be at the depth of 55m in summer and 50m in rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.

  
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17. No habitation within the radius of the 300m from the lease area.

18. Letter obtained from the Assistant Director, Department of Geology and Mining, Viluppuram vide Letter RC. No. A/G&M/463/2018 dated 10.04.2019, it is informed that the following rough Stone / Granite quarries are situated within 500 meters radial distance from the area applied for the grant of Rough stone and Earth Quarry lease.

S. No.	Name of the quarry Owner	Name of the Mineral	Taluk & Village	S.F.No.	Extent	Quarry Status
1.	Tmt. S. Nanthini, W/o. Sankar, No. 14, 3 <sup>rd</sup> Street, Jayapuram, Tindivanam Taluk	Rough Stone	Vanur, Thollamur	11/5A 11/6 11/7 16/2 16/3 16/4 16/5 16/6 16/7 16/8B 16/9 16/10	0.14.0 0.17.0 0.19.0 0.11.0 0.11.0 0.15.0 0.12.0 0.16.0 0.24.0 0.23.0 0.08.5 <u>1.62.0</u> <u>3.32.5</u>	Existing
2.	C. Ganesan, S/o. Chinnaiya Gounder, 168, Mettu Street, Karasanur Village, V. Parangani Post, Vanur Taluk	Rough stone	Thollamur Nemili	13/3 14/7 15/1 118/1 118/2 118/3 118/4A	1.50.0 0.39.5 0.48.5 0.56.0 0.18.5 0.71.0 <u>0.44.0</u> <u>4.27.5</u>	Existing
3.	K. Gnanasekaran, S/o. Kannadi Gounder, Mettu Street,	Rough Stone	Vanur, Thollamur	12/4 12/5A	0.59.5 <u>0.65.0</u> <u>1.24.5</u>	Existing

  
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	Karasur Village, Vanur Taluk, Villupuram District					
4.	Thiru. V. Sankar, S/o. Vivekanandan, 14, Jayapuram Colony, Tindivanam Town & Taluk, Viluppuram District	Rough stone	Vanur, Thollamur	2/1 2/2 2/3 2/4 2/5 3/1 3/2 3/3 3/4 3/5 3/6 3/7	0.45.5 0.22.0 0.22.0 0.23.5 0.25.0 0.32.5 0.33.5 0.81.0 0.20.0 0.22.5 0.21.0 <u>0.18.0</u> <u>3.66.5</u>	Existing
5.	G. Raja, 51/11, Sivaraj Street, Thiruneermalai, Tambaram Taluk, Kancheepuram District	Rough Stone	Vanur, Thollamur	26/1	2.42.5	Existing
6.	Thiru. K. Balamurugan, S/o. Kuppasamy, Karasanur & post, Vanur Taluk	Rough Stone	Vanur, Thollamur	11/4A2 15/2 15/3A 15/3B 15/4	0.16.0 0.44.0 0.50.0 0.56.0 <u>0.46.0</u> <u>2.12.0</u>	Existing
7.	Thiru. V. Sadaiyappan, No. 18, Amai Nagar, West Tambaram, Chennai - 600 045	Rough Stone	Vanur, Thollamur	1/3A 12/3 12/5B1	0.58.0 0.60.5 <u>2.38.5</u> <u>3.57.0</u> <u>20.62.5</u>	Existing

The SEAC noted the following:

1. The Proponent, **Thiru. V. Ramesh** has applied for Terms of Reference to SEIAA-TN for the Proposed Rough stone and Gravel quarry over an Extent of 3.53.0Ha at S.F.Nos. 16/11, 16/12, 17/1 & 18/3B at Thollamur Village, Vanur Taluk, Viluppuram District, Tamil Nadu.

  
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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.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:

1. A detailed study of the lithology of the mining lease area shall be furnished.
2. Details of village map, a register and FMB sketch shall be furnished.
3. The proposal for green belt activities shall be furnished.
4. The Socio economic studies should be carried out within 10km buffer zone from the mines.
5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report.
6. It was noted in the proponent has already carried out the mining activity that in the leased area after obtaining the Environmental clearance vide SEIAA letter dated: 04.10.2013. Hence, it is requested that furnish the following details from AD, mines
  - a) What was the period of the operation and stoppage of the earlier mines?
  - b) Quantity of minerals mined out.
  - c) Depth of mining
7. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
8. A detailed 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.
9. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.

  
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10. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
11. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report.
12. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
13. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.
14. The EIA study report shall include the surrounding mining activity, if any.
15. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
16. A study on the geological resources available shall be carried out and reported.
17. A specific study on agriculture & livelihood shall be carried out and reported.
18. Impact on ponds, rivers and other water bodies to be elaborated.
19. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
20. The proponent shall clarify whether, the existing Gravel Dump mentioned in the mining approval to be used as product or existing Gravel Dump to be used for mine closure.
21. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

  
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Agenda .No: 134 – 7

File.No.6892/2019

Proposed construction of Multiplex Mall & Hotel at Town Survey No. 1, 2, 3/1, S.F.No. 31/1, 31/2, 31/3 part 31/4 (New Ward-T, Block No.15, T.S.No. 1,2,3/1)of Bodinaickenpatti Village, Salem City Municipal Corporation, Salem District, Tamil Nadu by M/s. SREE VARALAKSHMI MAHAAL LLP – For Environment Clearance

(SIA/TN/MIS/108003/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at latitude 11°40'4.68"N and longitude 78°7'42.39"E.
2. The project consists of main building with 2 Basements+ Ground floor + 7 floors. The main building comprises of hyper market, cafe, retail , food court , fun centre, restaurant, theatre and hotel.
3. Total land area is **12998 Sqm**.The total built-up area of the proposed commercial building is **56425 Sqm**.
4. The green belt area proposed for the project is 2020 Sqm (15% of total land area).
5. The daily fresh water requirement is 342 KLD to be sourced from salem city municipal corporation.
6. The total water requirement will be 237kLD. The water of fresh water 104 KLD of domestic water and 133 KLD of flushing water will be let into the sewage treatment plant (300 KLD). After sewage treatment process, 225 KLD

  
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- of treated water will be generated, out of which 133 will be used for flushing, 7 KLD for gardening, 5 KLD for OSR and 80 KLD for HVAC.
7. The bio degradable solid waste (1790 kg/day) will be treated in OWC machine and the manure generated will be used for landscaping purpose within project site. The non bio degradable solid waste (1190 kg/day) will be handed over to Authorized recyclers.
  8. About 13 nos. of recharge pit with dia. 1.2 m and depth 3 m will be provided. Rain water collection sump of 90 KLD is also proposed to be provided for collection of roof top run off.
  9. The proponent is proposed to install 2 nos. of 1250 kVA and 2 nos of 750 KVA DG sets each with a stack height of 37 m and 36 m.

The SEAC noted the following:

1. The Proponent, M/s. SREE VARALAKSHMI MAHAAL LLP has applied for Environmental Clearance to SEIAA-TN for the Proposed construction of Multiplex Mall & Hotel at Town Survey No. 1, 2, 3/1, S.F.No. 31/1, 31/2, 31/3 part 31/4 (New Ward-T, Block No.15, T.S.No. 1,2,3/1)of Bodinaickenpatti Village, Salem City Municipal Corporation, Salem District Tamil Nadu
2. The project/activity is covered under Category "B2" of Item 8(a) "buildings and construction Projects" of the Schedule to the EIA Notification, 2006.

After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details:

1. The proponent shall furnish proposal for the treatment and disposal of organic solid waste through Bio-methanation plant with design detail,

  
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2. The proponent shall allocate the area for green belt all along the boundaries of the project site premises with 3m width . The proponent should earmark the green belt area in the layout plan with GPS coordinates and dimension and the same shall be submitted for CMDA /DTCP approval.
3. The proponent shall submit the Gross Fixed value include the land value and construction cost as per the PWD guideline value
4. The details of flood management plan shall be furnished considering the project site and the surrounding area.
5. The rainwater harvesting plan shall be furnished considering the project site and the surrounding area.
6. The proponent shall revise the water balance consideration excess treated sewage to be utilized for Avenue plantation. Further the proponent shall revise the EMP cost include the budget for utilization of treated sewage for Avenue plantation.
7. The proponent shall furnish the evacuation plan during emergency.
8. The proposal for CER(2% of project cost) shall be furnished as per the office memorandum of MoEF &CC dated 01.05.2018.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 8) from the project proponent, SEAC would further deliberate on this project and decide the further course of action.

  
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2				
b. Abandoned quarries				
1				
2				
c. Present Proposed quarries				
1				
2				
Total extent				

On receipt of the above details, SEAC will decide the further course of action on the proposal.

Agenda No.: 134 – 18

(File No. 6897/2019)

Proposed Black Granite Quarry lease over an extent of 3.25.3Ha in S.F.Nos. 354/2A2, 354/2B, 354/3A2, 354/3B, 355/1A (Part), 355/1B, 355/2A2, 355/2B, 355/3A2, 355/3B, 355/4A, 355/4B, 356/1, 369/1, 371/1A(Part), 371/1B(Part), 371/1C, 371/3A2, 371/3B and 371/3C of Guttur Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by M/s. Om Sri Granites– for Environment Clearance.

(SIA/TN/MIN/38367/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:

The quarry lease was applied in the name of M/s. Om Sri Granites, Krishnagiri. Precise Area Communication was issued by the Principal Secretary to Government, Industries Department, Chennai vide Letter No. 2375/MM.2/2019-1, dated 08.03.2019 for a period of 20 years. It is a Fresh lease for quarrying of Black Granite (Dolerite) for over an extent of 3.25.3Ha

  
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in S.F.Nos. 354/2A2, 354/2B, 354/3A2, 354/3B, 355/1A (Part), 355/1B, 355/2A2, 355/2B, 355/3A2, 355/3B, 355/4A, 355/4B, 356/1, 369/1, 371/1A(Part), 371/1B(Part), 371/1C, 371/3A2, 371/3B and 371/3C of Guttur Village, Bargur Taluk, Krishnagiri District, Tamil Nadu.

2. Mining Plan/Scheme of Mining approval details:

The Mining plan was prepared for the period of 5 years. The Mining Plan was approved from the Director of Geology and Mining, Guindy, Chennai vide letter Rc. No. 9745/MM5/2018, dated 06.06.2019.

3. As per the Mining plan, production schedule for first five years states that the total volume of recoverable as 25% of Multi Coloured Granite should not exceed 15,018m<sup>3</sup>.

For First Year - 3038 m<sup>3</sup>

For Second year - 3002 m<sup>3</sup>

For Third year - 3022 m<sup>3</sup>

For Fourth year - 2906 m<sup>3</sup>

For Fifth year - 3050 m<sup>3</sup>

4. The Total waste that will be resulting in the quarrying operation for first years will be 45,677m<sup>3</sup> (75% of Granite Waste – 45,057m<sup>3</sup> and Side Burden – 620m<sup>3</sup>) and Topsoil 19,448m<sup>3</sup>. The total Waste will be dump -1 on the Southern side with dimension of 69m x 16m x 9m (H) and dump-2 on North eastern side with dimension 73m x 28m x 17.48m (H).

5. The quarry operation is proposed upto a depth of 17m for the present Mining plan period.

6. Quarrying Operation will be done by Opencast Semi Mechanised method

7. Granite is to be transported by tippers of 2 Nos. (20 T capacity).

8. The Water table is found to be at the depth of 62m from general ground profile.

9. Lease applied area is not covered under HACA region.

10. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

  
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11. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
12. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
13. NOC obtained from the District Forest office for quarrying of Granite.
14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
16. No habitation within the radius of the 300m from the lease area.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Krishnagiri vide Letter Roc. No. 512/2017/Mines dated 17.06.2019, details of the quarries situated within 500mts. radial distance from the said quarry are furnished as follows.

S. No.	Name of the lessee	Village	S. F. No.	Extent in Hect.	G.O. No. & Dated	Lease period	Status of the quarry
1.	Om Sri Granites, 44/6, Railway Station road, Near South Indian Bank, Hosur Town and Taluk	Guttur, Bargur TK, Krishnagiri	354/2 B etc.,	3.25.30	Government Lr. No. 2375/MME. 2/ 2019-1 dated 08.03.2019	20 years	Instant Proposal precise area communicated.
			Total	3.25.30			

The SEAC noted the following:

  
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1. The Proponent, M/s. Om Sri Granites has applied for Environmental Clearance to SEIAA-TN for the Proposed for Black Granite quarry from over an extent of 3.25.3Ha in S.F.Nos. 354/2A2, 354/2B, 354/3A2, 354/3B, 355/1A (Part), 355/1B, 355/2A2, 355/2B, 355/3A2, 355/3B, 355/4A, 355/4B, 356/1, 369/1, 371/1A(Part), 371/1B(Part), 371/1C, 371/3A2, 371/3B and 371/3C of Guttur Village, Bargur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the water bodies surrounding the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
14. The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the

  
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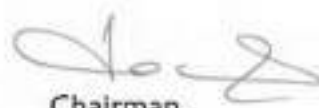
following information from the AD/DD Mines, Krishnagairi District in the following format

" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
r. Existing quarries				
1				
2				
s. Abandoned quarries				
1				
2				
t. Present Proposed quarries				
1				
2				
u. Future Proposed quarries				
1				
2				
Total extent				

This detail should be submitted to SEIAA before placing the subject to SEIAA meeting.

- 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 District Authorities.
- 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

  
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(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).

8. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported.
11. The proposal for the CER activities should be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018 before placing the subject to SEIAA meeting.

**Agenda No.: 134 – 19**

**(File No. 6905/2019)**

**Proposed Rough stone quarry lease over an Extent of 0.78.0Hect in S.F.No. 1/1 at Musiri Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. S. Gopinath, Vellore – For Environmental Clearance.**

**(SIA/TN/MIN/36930/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

The proponent Thiru.S. Gopinath, Vellore has been granted quarry lease for quarrying Rough stone quarry lease over an Extent of 0.78.0Hect in S.F.No. 1/1 at Musiri Village, Walajah Taluk, Vellore District vide Proceeding No. Rc.No.

  
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3. ToR was issued by SEIAA-TN vide Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated07/02/2019
4. The proponent has not submitted the compliance report along with the enclosure for the Part-III of the ToR issued vide Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated07/02/2019

After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the compliance report along with the necessary enclosure for Part-III of the ToR issued vide Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated07/02/2019

The project proponent is requested to submit the aforesaid detail to SEIAA-TN. On receipt of above details from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since this project is comes under violation. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

**Agenda .No: 134 – 3**

**File.No.6978/2017**

**Proposed construction of multi storied residential building by M/s. South India Shelters Private Limited at Survey No. 259/2A1A(part), 259/2A1B, Old S.No.259/2(part), 259/2A1 in Vanagaram Village, survey no. 57/2A, 57/2B, 57/2C, 57/2D1, 57/2D2, old s.no.57/2 in Chettiaragaram Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu– For Environment Clearance**

**(SIA/TN/MIS/109094/2019)**

The proposal was placed in this 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

  
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1. The proposed multi-storeyed residential building having upper basement floor+ Lower basement floor+ Ground floor+ 13 floors with 171dwelling units+ swimming pool).
2. The project is located at latitude 13°02'51.1"N and longitude 80°08'56.6"E. building height is 49m.
3. Total land area is **6850.48 Sqm**.The total built-up area of the proposed multi-storeyed residential building is **33513 Sqm**.
4. The green belt area proposed for the project is 1027.57 Sqm (15% of total land area). The OSR area developed Green belt is 435.34Sq.m (6.03% of OSR area).
5. The fresh water requirement is 52.5 KLD to be sourced from CMWSSB.
6. 50.5 kLD of domestic water, 2kLD for Swimming pool and 74 kLD of flushing water will be let into the sewage treatment plant (130 KLD). After sewage treatment process, 119 kLD of treated water will be generated, out of which 74 will be used for flushing, 3.5 KLD for gardening, 41.5kLD for excess water to CMWSSB Drain.
7. The bio degradable solid waste (335.88 kg/day) will be treated in OWC machine and the manure generated will be used for landscaping purpose within project site. The non bio degradable solid waste (223.92 kg/day) will be handed over to Authorized recyclers. STP sludge is 10kg/day.
8. About 13 nos. of recharge pit with dia. 1.8 m and depth 3 m will be provided. Rain water collection sump of 142 cu.m is also proposed to be provided for collection of roof top run off.
9. The total power requirement 1000KW, source TANGEDCO.
10. The proponent is proposed to install 1 nos. of 125 kVA with a stack height of 352m AGL m.
11. The Parking details of Upper basement, lower basement, ground floor cars- 383Nos, Two wheelers 162 Nos , the parking area is 15766.33Sq.m.

  
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12. The project cost is 47.12 Crores.

13. Environmental sensitive areas

- i. Porur lake is located at 1.29 Km in South direction
- ii. Chembarambakkam lake is located at 8.4 KM in WSW direction
- iii. Alapakkam tank is located at 1.76 Km in ENE direction
- iv. Coovum river is located at 1.63 Km in NNE direction
- v. Ayanambakkam is located at 2.88 Km in NW direction
- vi. Adyar river is located at 4.88Km in SE direction

14. EMP cost of operation phase, capital cost Rs.111 Lakhs & operation cost Rs.20.6 Lakhs.

The SEAC noted the following:

1. The Proponent M/s. **South India Shelters Private Limited** has applied for Environmental Clearance to SEIAA-TN for the Proposed construction of multi storied residential building at Survey No. 259/2A1A(part), 259/2A1B, Old S.No.259/2(part), 259/2A1 in Vanagaram Village, survey no. 57/2A, 57/2B, 57/2C, 57/2D1, 57/2D2, old s.no.57/2 in Chettiaragaram Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and construction projects" of the Schedule to the EIA Notification, 2006.

After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details:

1. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
2. The proponent shall allocate the land area(at least 15% of the total land area) for green belt development all along the boundaries of the project site premises with 3m width . The proponent should earmark

  
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- the green belt area in the layout plan with GPS coordinates and dimension and the same shall be submitted for CMDA approval.
3. Details of the evacuation plan for 2 proposed basements shall be furnished.
  4. The proponent shall submit the Gross Fixed value include the land value and construction cost as per the PWD guideline value
  5. The details of flood management plan shall be furnished considering the project site and the surrounding area, with 2015 flood data.
  6. The rainwater harvesting plan shall be furnished considering the project site and the surrounding area.
  7. The proponent has not allocated OSR area with 10% of the land area of the proposed site. Hence the proponent shall allocate OSR area.
  8. The proponent shall revise the water balance consideration the excess treated sewage to be utilized for Avenue plantation. Further the proponent shall revise the EMP cost include the budget for utilization of treated sewage for Avenue plantation.
  9. The proponent obtains the concern letter from the competent Authority for the utilization of treated sewage for Avenue plantation.
  10. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 10) from the project proponent, SEAC would further deliberate on this project and decide the further course

  
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SEAC-TN

12. The amount of Rs. 0.30 Lakhs (2% of the project cost) shall be utilized as CER activities to be carried out for development of sports facilities and providing Toilet, RO facilities to Government School, Idaiseval-II Village in Govt middle School, Che. Agaram Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

**Agenda No.: 134 – 16**

**(File No.6888/2019)**

**Proposed Rough stone and Gravel quarry lease over an extent of 2.42.5Ha in S.F.No.94/2B, 95/1 (P), 96/1 (P) & 97/2B1 (P) at Kanakkampalayam Village, Tiruppur North Taluk, Tiruppur District, Tamil Nadu by Thiru. P.Thangamuthusamy- For Environmental Clearance.**

**(SIA/TN/MIN/38527/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

The Quarry lease was applied in the name of Thiru. P.Thangamuthusamy. Precise Area Communication was issued by the District Collector, Tiruppur vide Rc. No. 166/Kanimam/2018, Dated: 11.06.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.42.5Ha in S.F.No. 94/2B, 95/1(P), 96/1(P) & 97/2B1(P) at Kanakkampalayam Village, Tiruppur North Taluk, Tiruppur District.

**2. Mining Plan / Scheme of Mining approved details:**

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Tiruppur District vide 166 /Mines / 2018, Dated: 25.06.2018

  
Chairman,  
SEAC-TN  




3. As per the Department of Geology and Mining, Tiruppur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,42,625m<sup>3</sup> and Gravel should not exceed 5,922m<sup>3</sup>
- For First year - 28,700m<sup>3</sup> of Rough stone and 5,922m<sup>3</sup> of Gravel
- For Second year - 30,800m<sup>3</sup> of Rough stone
- For Third year - 30,250m<sup>3</sup> of Rough stone
- For Fourth year - 28,125m<sup>3</sup> of Rough stone
- For Fifth year - 24,750m<sup>3</sup> of Rough stone
4. The quarry operation is proposed upto a depth of 22m (2m gravel and 20m Rough stone).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench width.
6. Rough stone and Gravel are to be transported by Tippers of 2 Nos. (10/20 T Capacity).
7. The project is locate at 11°10'26.07"N to 11°10'29.70"Nlatitude and 77°22'36.09"E to 77°22'46.10"E Longitude.
8. The total Manpower requirement is 23 Nos.
9. Total cost of the projects is Rs.92.70 lakhs and EMP cost about Rs. 3.80 lakhs.
10. The Water table is found to be at the depth of 50m in summer and 45m in rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km
14. No National Park & Wild Life Sanctuary within the radius of 10km.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km

  
Chairman,  
SEAC-TN  
P. 4/ 1/ 2



16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter RC. No. 166/Mines/2018 dated 01.07.2019, informed that following quarries area situated within a radial distance of 500 meters from the applied fields.

S. No.	Name of the lessee	S.F.No.	Extent	Status
1.	P.Thangamuthusamy	94/2B, 95/1 (P), 96/1 (P), 97/2B1, (P)	2.42.5	Proposed
2.	K.Murugasamy	Kalipalayam, 279/1, 2, 3	2.27.5	Proposed
3.	P.Thangamuthusamy	Kalipalayam, 273/1, 2	2.76.0	Expired
4.	K.Murugasamy	Kalipalayam, 277/2	2.04.0	Expired

The SEAC noted the following:

1. The Proponent Thiru. P.Thangamuthusamy has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 2.42.5Ha in S.F.No.94/2B, 95/1 (P), 96/1 (P) & 97/2B1 (P) at Kanakkampalayam Village, Tiruppur North Taluk, Tiruppur 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.

The project proponent gave detailed presentation, Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. It was noted in the proponent has already carried out the mining activity that in the leased area after obtaining the Environmental clearance vide SEIAA letter

  
Chairman,  
SEAC-TN  
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dated: 16.07.2013. It is requested to furnish the following details from AD, mines

- What was the period of the operation and stoppage of the earlier mines?
- Quantity of minerals mined out.
- Depth of mining
- Name of the person already mined in that leases area.

3. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Tiruppur District vide 166 /Mines / 2018, Dated: 25.06.2018 stated that

S. No.	Name of the lessee	S.F.No.	Extent	Status
1.	P.Thangamuthusamy	Kalipalayam, 273/1, 2	2.76.0	Existing
2.	K.Murugasamy	Kalipalayam, 277/2	2.04.0	Existing
3.	K.Murugasamy	Kalipalayam, 279/1, 2, 3	2.27.5	applied

Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter RC, No. 166/Mines/2018 dated 01.07.2019, informed that following quarries area situated within a radial distance of 500 meters from the applied fields.

S. No.	Name of the lessee	S.F.No.	Extent	Status
1.	P.Thangamuthusamy	94/2B, 95/1 (P), 96/1 (P), 97/2B1, (P)	2.42.5	Proposed
2.	K.Murugasamy	Kalipalayam, 279/1, 2, 3	2.27.5	Proposed
3.	P.Thangamuthusamy	Kalipalayam, 273/1, 2	2.76.0	Expired
4.	K.Murugasamy	Kalipalayam, 277/2	2.04.0	Expired

The above two letters from Assistant Director, Geology & Mining, Tiruppur, have difference in details of Existing/Expired/ Proposed quarries. Hence, the AD mines shall clarify whether which one correct details.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

  
Chairman,  
SEAC-TN  
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10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
12. The amount of Rs. 1.01 Lakhs (2% of the project cost) shall be utilized as CER activities to be carried out for development of solar light facilities in Govt middle School, Che. Agaram Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

**Agenda No.: 134 – 15**

**(File No.7017/2019)**

**Proposed Gravel quarry lease over an extent of 2.40.5Ha in S.F.No. 77/2 & 77/3A at Idaiseval Village, Kovilpatti Taluk, Thoothukudi District, Tamil Nadu by M/s Railone Projects Private Limited– For Environmental Clearance.**

**(SIA/TN/MIN/40724/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

- a. The Quarry lease was applied in the name of **M/s Railone Projects Private Limited**. Precise Area Communication was issued by the District Collector, Thoothukudi vide Na.Ka. G.M.2-414/2019 Dated: 22/07/2019. It is a fresh lease for Rough stone quarry lease over an extent of 2.40.5Ha in S.F.No. 77/2 at Idaiseval Village-II, Kovilpatti Taluk, Thoothukudi District, Tamil Nadu.

**2. Mining Plan / Scheme of Mining approved details:**

  
Chairman,  
SEAC-TN  


- a. The Mining plan was prepared for the period of 1 year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide RC. No. G.M.2/414/2019 dated 01/08/2019.
- b. As per the Department of Geology and Mining, Thoothukudi District. Mining Plan approval for the 1 year, the production schedule for a years states that the total quantity of Rough stone should not exceed 38,661m<sup>3</sup>.
3. The quarry operation is proposed upto a depth of 2m below ground level.
4. The project is locate at 09°06'23.40"N to 09°06'29.34"N latitude and 77°47'52.32"E to 77°47'57.78"E Longitude.
5. The total Manpower requirement is 7 Nos.
6. Total cost of the projects is Rs. 15.18 lakhs and EMP cost about Rs.0.67 lakhs.
7. The Water table is found to be at the depth of 25m in summer and 20m in winter season.
8. Lease applied area is not covered under HACA region.
9. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
10. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
11. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
12. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
13. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
14. No habitation within the radius of the 300m from the lease area as per letter dated 02/08/2019 as obtained from VAO, Idaivasal-II, Kollpatti Taluk.

  
Chairman,  
SEAC-TN  


15. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. G&M2/414/2019 dated 01/08/2019 stating the following details of quarries located within 500m radius from the proposed quarry .

S. No.	Name of the quarry owner	Village & S. F. No.	Extent in ha.	Distance from this proposed quarry
<b>a. Existing Quarries</b>				
1.	Nil	Nil	Nil	Nil
<b>b. Abandoned / Expired Quarries</b>				
1.	Nil			
<b>c. Proposed Quarries</b>				
1.	M/s Railone Projects Private Ltd.,	77/2 & 77/3A	2.40.5	
<b>d. Future proposed quarries</b>				
1.	Nil			
Total Extent			2.40.5	

The SEAC noted the following:

1. The Proponent M/s Railone Projects Private Ltd., has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 2.40.5Ha in S.F.No. 77/2 & 77/3A at Idaiseval, Kovilpatti Taluk, Thoothukudi District.
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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

  
 Chairman,  
 SEAC-TN  
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1. Ground water quality monitoring should be conducted six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Safety distance of 15mt shall be left from the Odai located in the project site.
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
7. 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 District Authorities.
8. 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).
9. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.

  
Chairman,  
SEAC-TN  
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12. The amount of Rs. 0.30 Lakhs (2% of the project cost) shall be utilized as CER activities to be carried out for development of sports facilities and providing Toilet, RO facilities to Government School, Idaiseval-II Village in Govt middle School, Che. Agaram Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

**Agenda No.: 134 – 16**

**(File No.6888/2019)**

Proposed Rough stone and Gravel quarry lease over an extent of 2.42.5Ha in S.F.No.94/2B, 95/1 (P), 96/1 (P) & 97/2B1 (P) at Kanakkampalayam Village, Tiruppur North Taluk, Tiruppur District, Tamil Nadu by Thiru. P.Thangamuthusamy- For Environmental Clearance.

**(SIA/TN/MIN/38527/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

The Quarry lease was applied in the name of Thiru. P.Thangamuthusamy. Precise Area Communication was issued by the District Collector, Tiruppur vide Rc. No. 166/Kanimam/2018, Dated: 11.06.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.42.5Ha in S.F.No. 94/2B, 95/1(P), 96/1(P) & 97/2B1(P) at Kanakkampalayam Village, Tiruppur North Taluk, Tiruppur District.

**2. Mining Plan / Scheme of Mining approved details:**

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Tiruppur District vide 166 /Mines / 2018, Dated: 25.06.2018

  
Chairman,  
SEAC-TN  




Agenda .No: 134 – 4

File. No.6974/2019

Proposed chemical manufacturing unit by M/s. Zenith Flavours and Chemicals at Plot No. 117-120, S.F No. 237/1, SIPCOT Pharmaceutical Industrial Estate, Alathur Village, Tirupporur Taluk, Kancheepuram district, Tamil Nadu – Category “B1”-5(f) Synthetic Organic Chemical Industry – For Terms of Reference.

The Proponent, M/s. Zenith Flavours and Chemicals has applied for Terms of Reference for the proposed organic manufacturing unit at Plot No. 117-120, S.F No. 237/1, SIPCOT Pharmaceutical Industrial Estate, Alathur Village, Tirupporur Taluk, Kancheepuram District, Tamil Nadu .

The proposal was placed in this 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation and furnish the following details.

1. The unit has proposed facility to manufacture the organic chemicals.
2. The total plot area of the project is 14,819 sq.m and it is located in the Industrial zone (SIPCOT Pharmaceutical Industrial Estate).
3. The proposed green belt area is 5146 sq.m (35%).
4. Products to be manufactured :
  - a. Aromatic Musk Compounds and perfume fixatives- 83 Tonnes/ Month.
  - b. Mixture of Aromatic Alcohols, Esters, Carbonyl Compounds, Essential Oils, Resinoids, Terpenes, Aroma speciality chemicals- 20 Tonnes/Month.
5. Proposed manufacturing process involves preparation of aromatic musk components by multistep synthesis involving alkylation, esterification, purification by fractionation and re-crystallization.
6. The proponent has requested the SEAC for the public hearing exemption since the project site is located in the industrial estate.

  
Chairman,  
SEAC-TN

The SEAC noted the following:

1. The Proponent, M/s. Zenith Flavours and Chemicals has applied for Terms of Reference for the proposed organic manufacturing unit at Plot No. 117-120, S.F No. 237/1, SIPCOT Pharmaceutical Industrial Estate, Alathur Village, Tirupporur Taluk, Kancheepuram District, Tamil Nadu .
2. The project/activity is covered under Category "B1"-5(F) Synthetic Organic Chemical Industry of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend Terms of Reference to SEIAA subject to additional ToR in addition to the standards ToR prescribed by the MoEF&CC:

1. The details of the green belt already created and proposed to be created should be furnished in terms of the species and the number.
2. The MSDS of all chemicals used in the industry should be furnished with the significance of the chemicals in terms of risk to the public health.
3. The usage of the chemicals and the process involved in the final product to be discussed in detail in the EIA report with appropriate material balance at every stage.
4. The accidents if any already met within the industry should be described with the details of measures proposed to avoid in such accidents in the future.
5. The details of the strengthening of the ETP and Air Pollution control measures should be detailed.
6. The Project proponent shall adopt eco friendly process to ensure reduction in disposable salt generated and in case if disposal salts are generated, shall explore the possibility of recovery & reuse.

  
Chairman,  
SEAC-TN

Agenda No.: 134 – 21

(File No.6969/2019)

Proposed Rough stone Quarry lease over an extent of 2.31.0Ha in S.F.Nos. 132/4, 132/5, 132/6, 132/7, 132/8, 132/10, 133/9A and 133/9B at Pullalakottai Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru. N Krishnasamy– For Environmental Clearance.

(SIA/TN/MIN/38433/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru. N Krishnasamy. Precise Area Communication was issued by the District Collector, Virudhunagar District vide KVI/488/2018-Minerals dated: 10/12/2018 for a period of 5 years. It is a fresh lease for Rough stone quarry lease over an extent of 2.31.0Ha in S.F.Nos. 132/4, 132/5, 132/6, 132/7, 132/8, 132/10, 133/9A and 133/9B at Pullalakottai Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Virudhunagar District vide Roc.No.KVI/488/2018 Dated: 19.12.2018.

3. As per the Department of Geology and Mining, Virudhunagar District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 145700m<sup>3</sup> and Gravel should not exceed 39560 m<sup>3</sup>

For First year - 28,850m<sup>3</sup> of Rough stone, 14260 m<sup>3</sup> of Gravel

  
Chairman,  
SEAC-TN

- For Second year - 29,250m<sup>3</sup> of Rough stone, 8280 m<sup>3</sup> of Gravel  
For Third year - 29,600m<sup>3</sup> of Rough stone, 17020m<sup>3</sup> of Gravel  
For Fourth year - 29,000m<sup>3</sup> of Rough stone  
For Fifth year - 29,000m<sup>3</sup> of Rough stone
4. The quarry operation is proposed upto a depth of 35m Rough stone below ground level.
  5. The Quarry operation is proposed to carry out with open cast semi mechanized mining.
  6. The project is locate at 9°37'57.35"N to 9°38'07.40"N latitude and 77°56'24.22"E to 77°56'29.40"E Longitude.
  7. The total Manpower requirement is 16Nos.
  8. Total cost of the projects is Rs. 85.46 lakhs and EMP cost about Rs. 2.90 lakhs
  9. The Water table is found to be at the depth of 60m.
  10. Lease applied area is not covered under HACA region.
  11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
  12. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
  13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
  14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
  15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
  16. No temples, schools and archaeological sites within the radius of the 500m from the lease area as stated in the letter obtained from VAO, Chinnamoopanpatti village, Virudhunagar District dated 20/12/2018.

  
Chairman,  
SEAC-TN


17. Letter obtained from the Deputy Director (i/c), Department of Geology and Mining, Virudhunagar vide Letter RoC. No. KV1/488/2018 dated 11/07/2019 informed that No existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry.

The SEAC noted the following:

1. The Proponent, Thiru. N Krishnasamy has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 2.31.0Ha in S.F.Nos. 132/4, 132/5, 132/6, 132/7, 132/8, 132/10, 133/9A and 133/9B at Pullalakottai Village, Virudhunagar Taluk, Virudhunagar 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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.

  
Chairman,  
SEAC-TN

4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 District Authorities.
7. 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).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
11. The amount of Rs. 1.71Lakhs (2% of the project cost) shall be utilized as CER activities to carried out for development of Sports facilities and providing Toilet, water filter facilities to Govt School in Pullakottai Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

  
Chairman,  
SEAC-TN



## STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 134<sup>th</sup> Meeting of the State Expert Appraisal Committee (SEAC) held on 30<sup>th</sup> August 2019 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects at Conference Hall, 2<sup>nd</sup> floor (down), Panagal Maligai, Saidapet, Chennai.

Agenda no: 134 - 1

(File No. 1621/2018)

Proposed residential development "TULIPS" at Survey No: 555/1, 555/2, 555/4, 556/1D, 556/1E, 557/3 & 560/3 Sowripalayam Village, Coimbatore South Taluk, Coimbatore District, Tamil Nadu by M/s. Vascon Pricol Infrastructure Limited – for Environment Clearance under Violation Notification issued by MoEF&CC.

(SIA/TN/MIN/34916/2019) dated: 17.04.2019

The SEIAA-TN has issued the Terms of Reference to the project proponent, M/s. Vascon Pricol Infrastructure Limited under violation notification dated 08.03.2018 for the Residential Development " TULIPS" at S.F No.555/1,555/2,555/4,556/1D,556/1E,557/3 & 560/3 of Sowripalayam Village, Coimbatore South Taluk, Coimbatore District vide SEIAA Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated 09/08/2018.

The proponent has applied along with EIA report for Environmental clearance on 29.07.2019.

The proposal was placed in this 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

  
Chairman,  
SEAC-TN



- i. The proposed development is proposed in a plot area of **18,247.40 sq.m** comprises of 7 Blocks, in three Phases.

Phase -I & II blocks comprising Blocks 1,2, 3,4 & 5 were already constructed and made operational, though only partial occupancy is achieved. Blocks 1&2 of Phase -I construction has configuration Stilt + 4 Floors with 48 Dwelling Units & Total Built-up Area **7868.732Sq.m** :

Phase -II construction has configuration 2 Basement +Stilt +9 Floors with 72 Dwelling units and Block -4 has Ground Floor + 1 Floor for Club house in a total Built-up Area **19,967.922Sq. -**

Proposed Phase-III comprises Blocks 6 shall have 2 Basements +stilt +14 Floors with 70 Dwelling Units in each block and club house with a combined built-up area @ **29,121.28 sq.m**. Overall Built-up area after Phase -III construction will be **56,957.93 Sq.m**

- ii. The sewage generated from Phase -I &II 71 kLD is treated in an in-house STP of 100 kLD : From the Phase -II 42 kLD of sewage is generated and it will be treated in the proposed STP of 50 KLD capacity. After treatment 28 kLD will be recycled for flushing in Phase -I&II and 10 kLD will be used for Green belt development. Treated sewage of 29 kLD from Phase -I&II and 40 kLD from Phase-III will be discharged through Coimbatore Corporation tankers. STP shall be based on MBBR technology.
- iii. Solid waste generation shall be 0.86 MT/Day of which 0.52 MT/Day Bio-degradable wastes will be treated through an Organic Waste Converter of 0.5 MT /Day capacity and 0.34 MT/Day of Non-Biodegradable recyclable wastes will be handed over to authorized recyclers. Organic sludge generation of 14 Kg/day from STP shall be used as manure for in house green belt development.

  
Chairman,  
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- iv. The power required is 2.90 MW shall be sourced through TANGEDCO. DG sets of capacities 100 KVA, 125 KVA and 160 KVA each two numbers are proposed for power back up with exhaust routed to the top of the block through stack of adequate height and exhausted at an elevation of 2 meters above the roof. Parking facility of 3696 sq.m will be provided.
- v. Rainwater harvesting shall be done by harvesting roof top rainwater and collection of surface run-off. Roof top rainwater directed to 8 nos. of 5 KL rainwater sumps. Surface run-off is diverted to the storm water drain with cross-section @ 1m \* 1m that will be laid all along the boundary. On-line percolation pits (28 Nos.) with 250 mm diameter will be made to percolate the water collected at the Storm Water drain.
- vi. NBWL Clearance and Forest Clearance are not required.
- vii. Cost of the project is Rs. 115.50 Crores.

The SEAC noted the following:

1. The Proponent, M/s. Vascon Pricol Infrastructure Limited has applied under violation notification dated 08.03.2018 for the Residential Development "TULIPS" at S.F No.555/1,555/2,555/4,556/1D,556/1E,557/3 & 560/3 of Sowripalayam Village, Coimbatore South Taluk, Coimbatore 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. The SEIAA-TN has issued the Terms of Reference to the project proponent, M/s. Vascon Pricol Infrastructure Limited under violation notification dated 08.03.2018 for the Residential Development "TULIPS" at S.F No.555/1,555/2,555/4,556/1D,556/1E,557/3 & 560/3 of Sowripalayam Village.

  
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Coimbatore South Taluk, Coimbatore District vide SEIAA Letter No. SEIAA – TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated 09/08/2018.

After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details:

1. The SEAC has not accepted the proposal of discharge of treated sewage of 29 kLD from Phase -I&II and untreated sewage of 40 kLD from Phase-III will be discharged through Coimbatore Corporation tankers. Further the SEAC direct the proponent to treat the entire quantity of the sewage in the premises itself. Hence the proponent shall revise water balance consideration the excess treated sewage utilized for Avenue plantation. Further the proponent shall revise the EMP cost include the budget for utilization of treated sewage for Avenue plantation.
2. Details of the evacuation plan for 2 proposed basements shall be furnished.
3. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
4. The proponent shall submit the Gross Fixed value include the land value and construction cost as per the PWD guideline value.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 5) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since this project comes under Violation. Based on the inspection report and the data furnished for Sl.No. 1 to 5 stated above, SEAC would further deliberate on this project and decide the further course of action.

  
Chairman,  
SEAC-TN

Agenda .No: 134 – 9

(File.No. 6922/2019)

Proposed Rough Stone and quarry over an extent of 0.67.0Ha, Government Poramboke land in S.F.No. 409 (Part-4) of Thulaiyanur Village, Thirumayam Taluk, Pudukottai District, Tamil Nadu by M/s. Eswar Enterprises – For Environmental Clearance.  
(SIA/TN/MIN/38828/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows;

**1. Government order/Lease details :**

The District Collector, Pudukottai directed the proponent, through his letter Rc.No.49/2018 (G&M) dated 22.03.2018 to get approved Mining Plan and Environment Clearance from the concerned authority for Rough Stone and quarry over an Extent of 0.67.0Ha, Government Poramboke land in S.F.No. 409 (Part-4) of Thulaiyanur Village, Thirumayam Taluk, Pudukottai District, Tamil Nadu.

**2. Mining Plan/Scheme of Mining approval details:**

Mining Plan approved by Assistant Director, Department of Geology and Mining, Pudukottai Rc.No.49/2018 (G&M) dated 14.06.2018 for a period of 5 years.

The applicant has proposed to quarry 72,430m<sup>3</sup> Rough Stone at the rate of 100% recovery up to a depth of 35m (5m above ground level and 30m below ground level) for a period of 5 years.

**3. Geological and Mineable resources details**

Geological Resources	2,34,500m <sup>3</sup>
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Chairman,  
SEAC-TN  
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Mineable Reserves	72.430m <sup>3</sup>
Depth of Mining	35m (5m above ground level and 30m below ground level)
Production	14486m <sup>3</sup> /annum

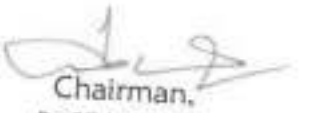
4. As per the Approved Mining Plan Production shall not exceed 14486m<sup>3</sup> (for 5 years)
5. Mining operation will be by opencast semi mechanized method with (Jackhammer) drilling and blasting and for loading and transport by Hydraulic excavator and tipper combination.
6. Mining with 6m vertical bench and slope of bench not exceeding 45° from horizontal during extraction of blocks will be maintained for safety and scientific point of view.
7. Rough stone quarry operation involves in machinery method for loading and transport by Hydraulic excavator of 1.2m<sup>3</sup> bucket capacity and two tipper of 10 tones capacity for internal transport of rejects from the working face to the dumps.
8. Transport of Rejects and waste shall be done by Tippers of 10tons capacity and transport of vehicles.
9. Environmental Settings  
The area is represented by Survey of India Toposheet No. 58J/12 and the geographical coordinates lie between Latitude 10°12'40"N to 10°12'44"N and Longitude 78°42'37"E to 78°42'40"E.
10. The total Manpower requirement is 19 Nos.
11. Total cost of the projects is Rs. 54,00,000/- and EMP cost about Rs. 4.45,000/-
12. The Ground Water table is found to be at the depth of 48m.
13. Lease applied area is not covered under HACA region.
14. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
15. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.

  
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16. No National Park & Wild Life Sanctuary, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km from the lease area.
17. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
18. No Reserve forest within the radius of 500m.
19. No habitation within the radius of the 300m from the lease area.
20. Letter obtained from the Assistant Director, Department of Geology and Mining, Puthukottai vide Letter RC. No. 49/2018/(G&M) dated 03.07.2019, it is informed that at present the following abandoned / existing / proposed quarries are located within 500 mts. radial distance from the periphery of the applied area as detailed below.

#### Existing Quarry

S. No.	Name of Address of the lessee	Village & Taluk	Extent (in Hects.)	S.F.No	Lease period	Remarks
1.	Valiyanvayal Grama Kalludaikum Thozhilalargal, NalaSangam, Valaiyanvayal	Thulaiyamur, Thirumayam	0.40.0	432/2 (Q.No.1) (Govt. Land)	30.10.2017 to 29.10.2022	---
2.	Thiru.K.Ramalah	Thulaiyanur Thirumayam	1.20.0	409(Part)	30.08.2017 to 29.08.2022	---
3.	S. Ramaiah	Thulaiyanur Thirumayam	0.72.0	409(Q.No.2) (Govt. Land)	14.11.2018 to 13.11.2023	---
4.	S. Ramaiah	Thulaiyanur Thirumayam	0.70.0	409(Q.No.3) (Govt. Land)	14.11.2018 to 13.11.2023	---
5.	Thiru. K.Subbaiah	Thulaiyanur Thirumayam	0.40.0	432/2(Part) (Q.No. 1)(N) (Govt. Land)	02.01.2017 to 01.01.2022	---

  
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### Proposed Quarry

S. No.	Name of Address of the lessee	Village & Taluk	S.F.No.	Extent (in lakhs)	Classification	Lease period
No other proposals pending as on date other than that of the proponent in question						

### Expired & Abandoned Quarry

S. No.	Name of Address of the lessee	S.F.No. & Village Taluk	S.F.No.	Extent (in Hects.)	Lease period	Remarks
1.	R.M. Subbiah	Thulaiyanur Thirumayam	543(Pt)	1.21.5	23.01.2014 to 22.01.2019	---
2.	A. Arokiyanathan	Thulaiyanur Thirumayam	429(Pt)	0.60.0	27.11.2009 to 26.11.2014	---
3.	Tmt. Chitra	Thulaiyanur Thirumayam	407/2(Pt)	0.70.0	20.09.2011 to 19.09.2016	---
4.	S. Karuppaiah	Thulaiyanur Thirumayam	399 (Q.No. 6)	0.40.5	03.02.2012 to 02.02.2017	---
5.	S. Anbarasan	Thulaiyanur Thirumayam	399 (Q.No. 2)	0.40.5	03.02.2012 to 02.02.2017	---
6.	S. Nallakumar	Thulaiyanur Thirumayam	409 (Q.No. 3) (Part)	0.80.0	25.01.2012 to 24.01.2017	---
7.	R. Renugadevi	Thulaiyanur Thirumayam	399 (Q.No. 3) (E)	0.40.5	04.04.2012 to 03.04.2017	---
8.	V. Harishbabu	Thulaiyanur Thirumayam	399 (Q.No.1) (E)	1.50.0	10.04.2012 to 09.04.2017	---
9.	Periyasamy	Thulaiyanur Thirumayam	433(Pt)	2.83.0	20.08.2012 to 19.08.2017	---

  
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21. The quarry lease area falls under Zone-II, Low damage risk zone (MSK VII) as per BMTPC, Vulnerability atlas Seismic zone of India IS: 1893-2002 and does not attract the general conditions as per EIA Notification, 2006.

The SEAC noted the following:

1. The Proponent, **M/s. Eswar Enterprises** has applied for Environmental Clearance to SEIAA-TN for the proposed Rough Stone and quarry over an extent of 0.67.0Ha, Government Poramboke land in S.F.No. 409 (Part-4) of Thulaiyanur Village, Thirumayam Taluk, Pudukottai District.
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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every Six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.

  
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4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 District Authorities.
7. 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).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
11. The amount of Rs. 1.08 Lakhs (2% of the project cost) shall be utilized as a CER activities to carried out for development of Library to Government school Thulaiyanur Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

  
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Agenda .No: 134 – 13

(File No. 6943/2019)

Proposed the Fire Clay quarry in S.F.No: 191/3B2, 191/4B2 &191/1C2 over an extent of 1.43.08 Hectares, Thazhapattu Village, Panruti Taluk, Cuddalore District, Tamil Nadu by Thiru. P Ramakrishnan – For Environmental Clearance.

(SIA/TN/MIN/37463/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. **P Ramakrishnan**. The Additional Chief Secretary to Government, Industries (MMC.2) Department Secretariat, Chennai vide letter No 9570/MMC.2/2018-1 dated 08/10/2018 has directed the applicant Thiru. **P Ramakrishnan** to get approved mining plan and Environmental clearance certificate from the District Environment Impact Assessment Authority (DEIAA) for grant of quarrying Fire Clay over an Extent of **1.43.08 Ha** in S.F.Nos. **191/3B2, 191/4B2 &191/1C2** at **Thazhapattu Village, Panruti Taluk, Cuddalore District**.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 10 years. The mining plan was got approval from the Additional Director of Geology and Mining, District vide Lr No 3235/MM11/2018/FC/CLR dated 09/11/2018.

3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of fire clay should not exceed 50384m<sup>3</sup> and Red soil should not exceed 63888m<sup>3</sup>.

  
Chairman,  
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- a. For First year - 63888m<sup>3</sup> of Red Soil
  - b. For Second year - 10066m<sup>3</sup> of Fire Clay
  - c. For Third year -10066m<sup>3</sup> of Fire Clay
  - d. For Fourth year -10066m<sup>3</sup> of Fire Clay
  - e. For Fifth year -10066m<sup>3</sup> of Fire Clay
4. The quarry operation is proposed upto a depth of 16m (6m red soil + 10m fire clay)below ground level
  5. The Quarry operation is proposed to carry out with open cast semi mechanized mining.
  6. Rough stone are to be transported by Tippers of 6 Nos. (20 T Capacity).
  7. The project is locate at 11°43'31.93"N latitude and 79°31'27.79"E Longitude.
  8. The total Manpower requirement is 18Nos.
  9. Total cost of the projects is Rs. 45.50 lakhs and EMP cost about Rs. 3.5 lakhs
  10. The Water table is found to be at the depth of 40m.
  11. Lease applied area is not covered under HACA region.
  12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
  13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
  14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
  15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
  16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
  17. No habitation within the radius of the 500m from the lease area as stated in the letter obtained from VAO, Thazhampattu Village, Puntroti Taluk dated 14/11/2018.

  
Chairman,  
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The SEAC noted the following:

1. The Proponent, **Thiru. P Ramakrishnan** has applied for Environmental Clearance to SEIAA-TN for the Proposed the Fire Clay quarry in S.F.No: 191/3B2, 191/4B2 & 191/1C2 over an extent of 1.43.08 Hectares, Thazhapattu Village, Panruti Taluk, Cuddalore 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.

The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. The project proponent has not furnished the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,

" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
h. Existing quarries				
1				
2				
i. Abandoned quarries				
1				
2				
j. Present Proposed quarries				

  
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1				
2				
Total extent				

2. The project proponent shall clarify if he proposes to quarry Red Soil since the mining plan approval letter obtained from the Department of Geology and Mining, Cuddalore District indicates only quarrying of Fire Clay. However the FORM 1M and mining plan indicates the proposal for quarrying Red Soil and Fire Clay.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

**Agenda No.: 134 – 14**

**(File No. 6885/2019)**

**Proposed Rough stone quarry lease over an extent of 1.00.0Ha in S.F.No. 21/1 (Part-1) at Che.Agaram Village, Chengam Taluk, Tiruvannamalai District Tamil Nadu by Thiru.M.Mani- For Environmental Clearance.**

**(SIA/TN/MIN/37941/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru. M. Mani, Tiruvannamalai, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide RC.No.08/Kanimam/2019, Dated: 20.05.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry lease over an extent of 1.00.0Ha in S.F.No. 21/1 (Part-1) at Che.Agaram Village, Chengam Taluk, Tiruvannamalai District,

  
Chairman,  
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Agenda No.: 134 – 20

(File No.6961/2019)

Proposed Rough stone Quarry lease over an extent of 4.77.0Ha in S.F.Nos. 663/1A/(P) 663/1B1(P), 663/1B2(P), 663/1B3(P), 663/2(P) & 679/1(P) at Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. AVS Tech Building Solutions India Private Limited– For Environmental Clearance.

(SIA/TN/MIN/38557/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of M/s. AVS Tech Building Solutions India Pvt. Ltd, Krishnagiri, Precise Area Communication was issued by the District Collector, Krishnagiri vide R.c.No. 890/2018(Mines-2), dated 23.07.2018 for a period of 5 years. It is a fresh lease for Rough stone quarry over an extent of 4.77.5Ha in S.F.No. 663/1A (P), 663/1B1 (P), 663/1B2 (P), 663/1B3 (P), 663/2 (P) & 679/1 (P) at Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Krishnagiri District vide Rc.No.890/2018/Mines-2 Dated: 09.11.2018.

3. As per the Department of Geology and Mining, Krishnagiri District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 8,82,511m<sup>3</sup>

For First year	- 1, 70,240m <sup>3</sup> of Rough stone
For Second year	- 1, 96,105m <sup>3</sup> of Rough stone
For Third year	- 1, 86,746m <sup>3</sup> of Rough stone
For Fourth year	- 1, 82,945m <sup>3</sup> of Rough stone
For Fifth year	- 1, 46,675m <sup>3</sup> of Rough stone

  
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SEAC-TN



3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 District Authorities.
7. 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).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
11. The amount of Rs. 1.49Lakhs (2% of the project cost) shall be utilized as CER activities to carried out for development of Strengthening of tank bunds in the vicinity of the project area as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.



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				Hect.	Dated	
1.	M/s. AVS tech Building Solutions India Private Limited	Thorapalli Agraharam	663/1A(P), 663/1B(P), 663/1B2(P), 663/1B3(p), 663/2, 679/1	4.77.5	--	-

The SEAC noted the following:

1. The Proponent M/s AVS Tech Building Solutions India Private Limited has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 4.77.0Ha in S.F.Nos. 663/1A/(P) 663/1B1(P), 663/1B2(P), 663/1B3(P), 663/2(P) & 679/1(P) at Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.

  
Chairman,  
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the quarries situated within 500mts. radial distance from the said quarry are furnished as follows.

Details of Existing quarries

S. No.	Name of the lessee	Village	S. F. No.	Extent in Hect.	G.O. No. & Dated	Lease period	Status of the quarry
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Details of Abandoned/old quarries

S. No.	Name of the lessee	Village	S. F. No.	Extent in Hect.	G.O. No. & Dated	Lease period
1.	D.Salu, S/o. Devassy	Thorapalli Agraharam	660(part-1)	5.00.0	--	01.07.2008 to 30.06.2018
2.	D. Shaju, S/o. Devassy	ThorapalliAgrahar am	660(Part2)	5.00.0	--	29.05.2008 to 28.05.2018
3.	D. Shaju, S/o. Devassy	ThorapalliAgrahar am	660(Part3)	5.00.0	--	29.05.2008 to 28.05.2018
4.	J. Syed Khaium S/o. R. S. Jalal	ThorapalliAgrahar am	661/2(Part)	0.60.0	--	08.08.2005 to 07.08.2010
5.	Salu (Xavier) S/o. Devassy	ThorapalliAgrahar am	662	2.90.0	--	01.07.2008 to 30.06.2013
		<b>Total</b>		<b>18.50</b>		

Details of proposed Quarries

S. No.	Name of the lessee	Village	S. F. No.	Extent in	G.O. No. &	Lease period
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4. The quarry operation is proposed upto a depth of 57m (1m Top Soil and 56m Rough stone) (15m above Ground Level and 42 below Ground level).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone are to be transported by Tippers of 3 Nos. (10 T Capacity).
7. Topsoil (24,472m<sup>3</sup>) will be removed and dumped in all side of the 7.5m & 60m boundary barriers of the lease area and it will be used for plantation purposes.
8. The project is locate at 12°41'35.57"N to 12°41'46.96"N latitude and 77°54'11.54"E to 77°54'22.89"E Longitude.
9. The total Manpower requirement is 18 Nos.
10. Total cost of the projects is Rs. 68.00 lakhs and EMP cost about Rs. 6.60 lakhs
11. The Water table is found to be at the depth of 65m below ground level.
12. Lease applied area is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area. NoC obtained from the District Forest Officer for quarrying of Rough stone.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
18. No habitation, Worship places and archeologically important place within the radius of the 500m from the lease area.
19. Letter obtained from the Deputy Director, Department of Geology and Mining, Krishnagiri vide Letter RC, No. 890/2018/Mines dated 26.06.2019, the details of

  
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Agenda .No: 134 – 10

File No.6893/2019

Proposed construction of Residential Development in old survey No. 77/6A1A(part) & New Survey No. 77/6A1A2, Pammal village, Pallavaram Taluk, Kancheepuram district, Tamil Nadu by M/s. Radiance Realty Developers India Limited – For Environment Clearance

**(SIA/TN/MIS/109085/2019)**

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The details are presented by the proponent as follows:

1. The project is located at latitude 12°58'17.10"N and longitude 80°8'35.15"E.
2. The project involves construction of residential building comprises of 7 blocks; block A to G: each block consists of Stilt + 5 floors with total number of 452 dwelling units.
3. Total land area is 22541 Sq.m & The total built-up area of the proposed residential development is 55951 Sq.m
4. The green belt area proposed for the project is 3400 Sqm (15% of total land area).
5. The daily fresh water requirement is 330 KLD to be sourced from Pammal Municipality.
6. The total quantity of 184 KLD of grey water will be let into the grey water treatment system (220 KLD). After grey water treatment, 175 KLD of treated water will be generated, out of which 104 will be used for flushing, 12 KLD for gardening, 8 KLD for O&R and remaining 51 KLD will be sent to avenue plantation.

  
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7. Black water generated from Flushing (104 KLD) will let into the sewage treatment plant(130 KLD). Treated sewage will be sent to avenue plantation.
8. The bio degradable solid waste (830 kg/day) will be treated in OWC machine and the manure generated will be used for landscaping purpose within project site. The non bio degradable solid waste (554 kg/day) will be handed over to Authorized recyclers.
9. About 41 nos. of recharge pit with dia. 1.2 m and depth 3 m will be provided. Rain water collection sump of 190 KLD is also proposed to be provided for collection of roof top run off.
10. The proponent is proposed to install 4 no. of 250 kVA DG sets each with a stack height of 22 m.

The SEAC noted the following:

1. The proponent M/s. Radiance Realty Developers India Limited has applied for Proposed construction of Residential Development in old survey No. 77/6A1A(part) & New Survey No. 77/6A1A2, Pammal village, Pallavaram Taluk, Kancheepuram district, Tamil Nadu by
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.

After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the following details:

1. The SEAC noted that there are difference between the data regarding the water balance furnished in the application and details presented by the consultant in the SEAC meeting. Hence the proponent shall revise

  
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water balance. Also SEAC advised the proponent to furnish the correct details with regard to Application and presentation pertaining all aspects of the project.

2. The proponent shall allocate the land area(at least 15% of the total land area) for green belt development all along the boundaries of the project site premises with 3m width . The proponent should earmark the green belt area in the layout plan with GPS coordinates and dimension and the same shall be submitted for CMDA approval.
3. The proponent shall submit the Gross Fixed value include the land value and construction cost as per the PWD guideline value
4. The details of flood management plan shall be furnished considering the project site and the surrounding area, with 2015 flood data.
5. The rainwater harvesting plan shall be furnished considering the project site and the surrounding area.
6. The proponent obtains the concern letter from the competent Authority for the utilization of treated sewage for Avenue plantation.
7. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 7) from the project proponent, SEAC would further deliberate on this project and decide the further course

  
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Agenda .No: 134 – 2

File No: 6383/2017

Proposed Expansion of Existing Medical College and Research Centre by M/s. SRM INSTITUTE OF SCIENCE & TECHNOLOGY at Survey No. 153/6A, 6B, 7, 155/3A, 4, 156/1B, 2, 3, 157, 158/1A, 1B, 2A, 2B & 2C of Potheri & Vallanchery village, Chengalpat Taluk, Kanchipuram District, Tamilnadu (under violation) – For Environment Clearance.

(SIA/TN/MIS/35808/2018)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at latitude 12°49'23.32"N and longitude 80°2'44.83"E.
2. Total land area is **250652.17 m<sup>2</sup>**. The total built up area after expansion is about 2,99,259 Sqm (Hospital component – 1,49,459 Sqm, Non Hospital component – 1,49,800 Sqm) and the total plot area is about 2,50,652.17 Sqm. The built up area of the existing buildings is 245839.32 Sqm (Hospital – 106633.72 Sqm, Non Hospital – 139205.6 Sqm) and the proposed buildings is 53420.01 Sqm (Hospital – 42825.57 Sqm, Non Hospital – 10594.44 Sqm).
3. The green belt area proposed for the project is 85222 Sqm (34% of total land area).
4. The daily fresh water requirement after expansion is 937 KLD to be sourced from the ground water.
5. The total quantity of 816KLD of waste water from domestic use and 576 kLD of flushing water will be let into the sewage treatment plant (1100 KLD- existing and 400 KLD - proposed). After sewage treatment process, 1322 KLD of treated water will be generated, out of which 576 will be used for flushing, 496 KLD for gardening & OSR, and 250 KLD for HVAC. 30 KLD of effluent will be generated

  
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from Laundry, CSSD and pathology which will be treated in 30 KLD ETP. 29 KLD of treated water generated will be reused in laundry.

6. The bio degradable solid waste of 3456 kg/day - existing is treated in Biogas plant of 70 cum and 90 cum capacity. 945 kg/ day of biodegradable solid waste will be generated in Proposed which will be treated in OWC 500. The non bio degradable solid waste of 2934 kg/day (2.304 T/day - Existing, 0.630T/day - Proposed) is handed over to Authorized recyclers.
7. About 0.375 T/day of Biomedical waste generated is disposed through PCB Authorised Company GJ Multiclave.
8. About 10 nos. of recharge pit having the capacity of 2588 Cum is present in the site. Rain water collection sump of 400 Cum is also proposed to be provided for collection of roof top run off.
9. Total Power requirement after expansion is 6500 kVA and the source is TNEB Grid. Existing DG sets: 600 kVA – 1 No., 725 kVA – 1 No., 250 kVA – 2 Nos., 500 kVA – 1 No. & 125 kVA – 1 No. The existing DG sets are provided with Inbuilt Acoustic enclosures. Back-up power supply for the proposed buildings are provided through the DG sets of following numbers - 600 kVA – 1 No., 500 kVA – 1 No., 1010 kVA – 1 No., 725 kVA - 3nos.

The SEAC noted the following:

1. The Proponent, M/s. SRM INSTITUTE OF SCIENCE & TECHNOLOGY has applied for Environmental Clearance to SEIAA-TN for the Proposed Expansion of Existing Medical College and Research Centre in S.F.No. 153/6A, 6B, 7, 155/3A, 4, 156/1B, 2, 3, 157, 158/1A, 1B, 2A, 2B & 2C of Potheri & Vallanchery village, Chengalpat Taluk, Kanchipuram District Tamil Nadu
2. The project/activity is covered under Category "B2" of Item 8(b) "Townships and area development Projects" of the Schedule to the EIA Notification, 2006.

  
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3. ToR was issued by SEIAA-TN vide Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated07/02/2019
4. The proponent has not submitted the compliance report along with the enclosure for the Part-III of the ToR issued vide Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated07/02/2019

After the presentation made by the proponent, the SEAC instruct the project proponent to furnish the compliance report along with the necessary enclosure for Part-III of the ToR issued vide Letter No. SEIAA –TN/F.No.1621/SEAC-CXVII/ Violation/ToR-551/2018 dated07/02/2019

The project proponent is requested to submit the aforesaid detail to SEIAA-TN. On receipt of above details from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since this project is comes under violation. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

Agenda .No: 134 – 3

File.No. ~~6383~~ 6178/2019

Proposed construction of multi storied residential building by M/s. South India Shelters Private Limited at Survey No. 259/2A1A(part), 259/2A1B, Old S.No.259/2(part), 259/2A1 in Vanagaram Village, survey no. 57/2A, 57/2B, 57/2C, 57/2D1, 57/2D2, old s.no.57/2 in Chettiaragaram Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu– For Environment Clearance

(SIA/TN/MIS/109094/2019)

The proposal was placed in this 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

  
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**Agenda No.134-11**

**(File No. 6879/2019)**

**Proposed Rough stone quarry lease over an extent of 2.20.0 Ha in S.F.No. 203/1A(P), 203/1C & 203/2 at Kumbalappadi Village of Nallampalli Taluk, Dharmapuri District Tamil Nadu by Thiru.S.Rathinavel, Dharmapuri – For Environmental Clearance.**

**(SIA/TN/MIN/37463/2019) dated 15.06.2019**

**1. Government Order / Lease details:**

The Quarry lease was applied in the name of Thiru. S.Rathinavel, Dharmapuri, Precise Area Communication was issued by the District Collector, Dharmapuri vide R.c.No.281/2017/(Kanimam), dated 09.02.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry over an extent of 2.20.0 Ha in S.F.No. 203/1A(P), 203/1C & 203/2 at Kumbalappadi Village of Nallampalli Taluk, Dharmapuri District.

**2. Mining Plan / Scheme of Mining approved details:**

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Dharmapuri District vide R.c.No.281/2017/(Mines) Dated: 07.03.2019.

**3. As per the Department of Geology and Mining, Dharmapuri District, Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 3,68,420m<sup>3</sup> and Topsoil should not exceed 16,600m<sup>3</sup>**

For First year - 73,150m<sup>3</sup> of Rough stone and 7,810m<sup>3</sup> of Topsoil

For Second year - 73,170m<sup>3</sup> of Rough stone and 8,790m<sup>3</sup> of Topsoil

For Third year - 73,480m<sup>3</sup> of Rough stone

For Fourth year - 73,120m<sup>3</sup> of Rough stone

For Fifth year - 75,500m<sup>3</sup> of Rough stone

**4. The quarry operation is proposed up to a depth of 46m (1m Topsoil and 45m Rough stone) (11m above ground level + 35m below ground level).**

**5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.**

  
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**SEAC-TN**

6. Rough stone are to be transported by Tippers of 4 Nos. (10 T Capacity).
7. Topsoil (16,600m<sup>3</sup>) will be removed and preserved all along the boundary barrier to facilitate the green belt development.
8. The project is locate at 12°05'53.80"N to 12°05'59.52"Nlatitude and 78°01'59.31"E to 78°02'08.12"E Longitude.
9. The total Manpower requirement is 34 Nos.
10. Total cost of the projects is Rs. 54.99 lakhs and EMP cost about Rs. 3.80 lakhs
11. The Water table is found to be at the depth of 55m in summer and 50m in rainy season.
12. Lease applied area is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
18. No habitation within the radius of the 300m from the lease area.
19. Letter obtained from the Assistant Director, Department of Geology and Mining, Dharmapuri vide Letter RC. No. 281/2017(Mines) dated 07.03.2019,it is informed that at present the following abandoned / existing / proposed quarries are located within 500 mts. radial distance from the periphery of the applied area as detailed below.

**Abandoned Quarry**

S. No.	Name of Address of the lessee	S.F.No. & Village Taluk	S.F.No.	Extent (in Hects.)	Classification of land	Lease period
--- Nil ---						

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### Existing Quarry

S. No.	Name of Address of the lessee	Village Taluk	Extent (in Hects.)	Classification of Land	Lease period	Remarks
1.	Thiru.Durairaj, S/o Annadurai, Sogathur (Vill & po), Dharmapuri (DT)	S.F.No.436/1 (part) Nekkunthi Village, Nallampalli Taluk, Dharmapuri (Tk) & (Dt)	1.17.5	Govt. poramboke land	19.08.10 to 18.08.20	Lease was cancelled vide district collector proceeding Roc.287/2014/(Mines)dated 02.03.2016
Total			1.17.5 Hects			

### Proposed Quarry

S. No.	Name of Address of the lessee	Village & Taluk	S.F.No.	Extent (in lakhs)	Classification	Lease period
----- Nil -----						

The SEAC noted the following:

1. The Proponent, Thiru.S.Rathinavel has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 2.20.0 Ha in S.F.No. 203/1A(P), 203/1C & 203/2 at Kumbalappadi Village of Nallampalli Taluk, Dharmapuri 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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

  
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1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 District Authorities.
7. 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).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
11. CER activities should be carried out for development of Library, sports facilities, providing toilet Facility and providing drinking water to Government school Kumbalappadi Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

  
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(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).

8. The entire mining operation should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported.
11. The proposal for the CER activities should be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018 before placing the subject to SEIAA meeting.

Agenda No.: 134 – 19

(File No. 6905/2019)

Proposed Rough stone quarry lease over an Extent of 0.78.0Hect in S.F.No. 1/1 at Musiri Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. S. Gopinath, Vellore – For Environmental Clearance.

(SIA/TN/MIN/36930/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The proponent Thiru.S. Gopinath, Vellore has been granted quarry lease for quarrying Rough stone quarry lease over an Extent of 0.78.0Hect in S.F.No. 1/1 at Musiri Village, Walajah Taluk, Vellore District vide Proceeding No. Rc.No.

  
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33/2011 (Mines) dated 16.11.2011 for a period of 10 years. The lease deed was executed on 16.11.2011 and the lease period is valid from 16.11.2011 to 15.11.2021.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of three years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Vellore District vide Rc. No. 33/2011(mines) dated 17.05.2019.

3. As per the Department of Geology and Mining, Vellore District. Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of Rough stone should not exceed 34,380m<sup>3</sup> and topsoil should not exceed 4,520m<sup>3</sup>

For First year - 13908m<sup>3</sup> of Rough stone and 2112m<sup>3</sup> of Topsoil

For Second year - 10992m<sup>3</sup> of Rough stone and 2,408m<sup>3</sup> of Topsoil

For Third year - 9480m<sup>3</sup> of Rough Stone

4. The quarry was not operated from 16.11.2011 to till date and letter obtained from the Assistant Director, Department of Geology and Mining, Vellore vide letter Rc. No. 33/2011(Kanimam), dated 02.07.2019.

5. The quarry operation is proposed upto a depth of 15m (1m Topsoil and 14m Rough stone) below ground level.

6. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.

7. Rough stone are to be transported by Tippers of 3 Nos. (10 T Capacity).

8. The project is locate at 12°56'28.36"N to 12°56'33.57"N latitude and 79°23'58.69"E to 79°24'04.70"E Longitude.

9. The total Manpower requirement is 18 Nos.

10. Total cost of the projects is Rs. 68,50 lakhs and EMP cost about Rs. 4,25 lakhs.

11. The Water table is found to be at the depth between 60m in summer and 55m in rainy season.

12. Lease applied area is not covered under HACA region.

  
Chairman,  
SEAC-TN

13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Vellore vide Letter RC. No. 33/2011/(kanimam), dated 24.05.2019, it is informed that the following Rough stone quarry in Government land SF. No. 1/1 over an extent of 0.78.0 hectares of Musiri Village, WalajahTaluk, Vellore District.

S. No.	Lessee Name	Village	SF. No.	Extent (Ha.)	Status
1.	Thiru. S.M. Sugumar	Anandalai	1/4 (part-10)	0.80.00	Abandoned
2.	Thiru. S. Gopinath	Musiri	1/1	0.78.00	Proposed
Total				1.58.00	

The SEAC noted the following:

1. The Proponent Thiru. S. Gopinath, Vellore has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an Extent of 0.78.0Hect in S.F.No. 1/1 at Musiri Village, WalajahTaluk, Vellore 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.

The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

  
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1. It was noted in the Google image that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines
  - a) Quantity of minerals already mined out in the lease approved area.
  - b) Depth of mining already mined out in the lease approved area.
  - c) Name of the person already mined in that leases area.
2. The project proponent shall furnish EC and CTO from TNPCB obtained along with respective compliance report.
3. The project proponent has to furnish the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,

" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
d. Existing quarries				
1				
2				
e. Abandoned quarries				
1				
2				
f. Present Proposed quarries				
1				
2				
Total extent				

On receipt of the above details, SEAC will decide the further course of action on the proposal.

  
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Agenda No.: 134 – 20

(File No.6961/2019)

Proposed Rough stone Quarry lease over an extent of 4.77.0Ha in S.F.Nos. 663/1A/(P) 663/1B1(P), 663/1B2(P), 663/1B3(P), 663/2(P) & 679/1(P) at Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. AVS Tech Building Solutions India Private Limited– For Environmental Clearance.

(SIA/TN/MIN/38557/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of M/s. AVS Tech Building Solutions India Pvt. Ltd, Krishnagiri, Precise Area Communication was issued by the District Collector, Krishnagiri vide R.c.No. 890/2018(Mines-2), dated 23.07.2018 for a period of 5 years. It is a fresh lease for Rough stone quarry over an extent of 4.77.5Ha in S.F.No. 663/1A (P), 663/1B1 (P), 663/1B2 (P), 663/1B3 (P), 663/2 (P) & 679/1 (P) at Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Krishnagiri District vide R.c.No.890/2018/Mines-2 Dated: 09.11.2018.

3. As per the Department of Geology and Mining, Krishnagiri District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 8,82,511m<sup>3</sup>

For First year	- 1, 70,240m <sup>3</sup> of Rough stone
For Second year	- 1, 96,105m <sup>3</sup> of Rough stone
For Third year	- 1, 86,746m <sup>3</sup> of Rough stone
For Fourth year	- 1, 82,945m <sup>3</sup> of Rough stone
For Fifth year	- 1, 46,675m <sup>3</sup> of Rough stone

  
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Agenda No.: 134 – 17

(File No. 6895/2019)

Proposed Quartz & Feldspar Quarry lease over an extent of 2.41.5ha in S.F.No.961/2 at Kambiliyampatti Village of KangeyamTaluk, Tiruppur District the state of Tamil Nadu by Thiru.R.Natarajan, Tiruppur– for Environment Clearance.

(SIA/TN/MIN/37155/2019) dated: 03.07.2019

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:

The Proponent Thiru.R.Natarajan, Tiruppur has been granted quarry lease for quarrying of Quartz & Feldspar for over an extent of 2.41.5ha in S.F.No. 961/2 at Kambiliyampatti Village of KangeyamTaluk, Tiruppur District,Tamil Nadu vide Proceeding Rc.No.1328/MM6/2009 dated 05.11.2009 for a period of Twenty years. The Lease deed was executed on 23.01.2010, registered on 04.02.210 and it is valid upto 03.02.2020. The quarry operation was commenced on 17.02.2010.

2. Mining Plan/Scheme of Mining approval details:

- a. The Mining plan (2009-10 to 2013-14) was approved by the Indian Bureau of Mines, Chennai vide Letter No. TN/ERD/MP/Q&F-1744-MDS, dated 16.10.2009.
- b. The First Scheme of Mining (2014-15 to 2018-19) was approved by Indian Bureau of Mines, Chennai vide Letter No. TN/TPR/Q&F/MS-1160.MDS, dated 06.01.2015.
- c. The Second Scheme of Mining (2019-20 to 2023-24) was approved by Additional Director of Geology and Mining, Department of Geology and Mining, Guindy, Chennai vide RC. No. 9423/MM10/2018/TPR/Q&F/SOM dated 26.12.2018.

  
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d. The quarrying operation and quantity of material mined are as follows.

Year	Proposal (Tonnes)					Actual (Tonnes)				
	ROM (Ts)	Recoverable Reserves (60%) Ts	Quartz (60%) Ts	Feldspar (40%) Ts	Mineral rejects (40%) Ts	ROM (Ts)	Recoverable Reserves Ts	Quartz Ts	Feldspar Ts	Mineral rejects Ts
2014-15	2059	1236	741	494	824	The Mine was temporarily discontinued from 31.05.2011, Hence no production was achieved.				
2015-16	1872	1123	674	449	749					
2016-17	2153	1292	775	517	861					
2017-18	1966	1179	708	472	786					
2018-19	1966	1179	708	472	786					
<b>TOTAL</b>	<b>10015</b>	<b>6009</b>	<b>3605</b>	<b>2404</b>	<b>4006</b>					

The lessee had not obtained transport permit during the violation period 15.01.2016. The lessee had obtained transport permit of 100T of Quartz during the mining the plan period 2010-11 and after that he has not obtained any transport permit.

- As per the Scheme of Quarrying for the years 2019-20 to 2023-24, production schedule for year's states that the total volume of Quartz (60%) should not exceed 1,89,356Ts and Feldspar (40%) should not exceed 1,26,237Ts.

Year	Quartz (60%) Ts	Feldspar (40%) Ts
For 2019-20	37356	24904
For 2020-21	37150	24767
For 2021-22	38182	25455
For 2022-23	38801	25867
For 2023-24	37867	25245

- The waste that will be resulting in the quarrying operation for the 5 years 2019-20 to 2023-24 will be 3,74,551m<sup>3</sup>(Mineral rejects + Side burden) and Topsoil – 33,354m<sup>3</sup>. The total Waste will be temporarily dump on the non-working area and it will be used for backfilling.
- The proponent has obtained transport permit on 08.06.2010 to transport 100MT of Quartz and Feldspar and thereafter no transport permission has been obtained, the letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur, vide letter Rc. No. 1697/Mines/2018 dated 27.05.2019.

  
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6. The quarry operation is proposed upto a depth of 31m (1m Topsoil and 30m Quartz & Feldspar) for the present scheme period (2019-20 to 2023-24).
7. Mining operation will be by Opencast Semi Mechanized Method with (Jackhammer) drilling and blasting.
8. Quartz & Feldspar are to be transported by tippers of 2 Nos. (10 T capacity).
9. The Water table is found to be at the depth of 40m in summer season and 35m in rainy Season.
10. The Total Manpower requirement is 25Nos.
11. Total Cost of the project is about Rs. 25,94,000/- and EMP Cost about Rs. 3,55,000/-
12. Lease applied area is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) within the radius of 10km.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km
15. No National Park & Wild Life Sanctuary within the radius of 10km.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
18. No habitation within the radius of 300m from the lease area.
19. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter Rc. No. 1697/Kanimam/2018, dated 27.05.2019, it is informed that No proposed quarry and No existing quarries within the radius of 500m from this proposed quarry of Thiru. R. Natarajan which lease granted from 04.02.2010 to 03.02.2030.

The SEAC noted the following:

1. The Proponent, Thiru. R.Natarajan, Tiruppur has applied for EC to SEIAA-TN on 02.04.2019 for the Proposed Quartz and Feldspar quarry, over an extent of

  
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2.41.5ha in S.F.No. 961/2 at Kambiliyampatti Village of Kangeyam Taluk, Tiruppur District, Tamil Nadu

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minor Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. It was noted in the Google image that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines
  - a) Quantity of minerals already mined out in the lease approved area.
  - b) Depth of mining already mined out in the lease approved area.
  - c) Name of the person already mined in that leases area.
2. The project proponent shall furnish EC and CTO from TNPCB obtained along with respective compliance report.
3. The project proponent has to furnish the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,

" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
a. Existing quarries				
1				

  
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2				
b. Abandoned quarries				
1				
2				
c. Present Proposed quarries				
1				
2				
Total extent				

On receipt of the above details, SEAC will decide the further course of action on the proposal.

Agenda No.: 134 – 18

(File No. 6897/2019)


Proposed Black Granite Quarry lease over an extent of 3.25.3Ha in S.F.Nos. 354/2A2, 354/2B, 354/3A2, 354/3B, 355/1A (Part), 355/1B, 355/2A2, 355/2B, 355/3A2, 355/3B, 355/4A, 355/4B, 356/1, 369/1, 371/1A(Part), 371/1B(Part), 371/1C, 371/3A2, 371/3B and 371/3C of Guttur Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by M/s. Om Sri Granites- for Environment Clearance.

(SIA/TN/MIN/38367/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:

The quarry lease was applied in the name of M/s. Om Sri Granites, Krishnagiri, Precise Area Communication was issued by the Principal Secretary to Government, Industries Department, Chennai vide Letter No. 2375/MM.2/2019-1, dated 08.03.2019 for a period of 20 years. It is a Fresh lease for quarrying of Black Granite (Dolerite) for over an extent of 3.25.3Ha

  
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Agenda .No: 134 - 06

(File No. 6891/2019)

Proposed the Savudu quarry lease in S.F.No: 352/1 (Part), over an extent of 3.15.00 Hectares, Thirukkandalam Village Uthukottai Taluk, Tiruvallur District, Tamil Nadu by Thiru . J. Subramani – for Terms of Reference (SIA/TN/MIN/38591/2019)

The proposal was placed in the 134<sup>th</sup> SEAC Meeting held on 30.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government order/Lease details:**

The District collector, Tiruvallur communication letter Rc.No.463/2013/ Mines.2 dated 01.11.2016 has directed the applicant Mr. J. Subramani S/o. Mr.Jaganathan to get approved mining plan and Environmental clearance certificate from the State Environment Impact Assessment Authority (SEIAA) for grant of quarrying the Savudu quarry lease in S.F.No: 352/1 (Part), over an extent of 3.15.00 Hectares, Thirukkandalam Village Uthukottai Taluk, Tiruvallur District, Tamil Nadu for a period of 50 days based on High court order WP No. 28019/2015 dated 20.04.2016.

**2. Mining Plan/Scheme of mining approval details:**

The mining plan is approved by Assistant Director, Geology and Mining, Vide Roc. 463/2013/G&M-2 dated 28.11.2016 for a period of 50 days.

The following are the production and developmental works to be carried out for 50 days as given in the table below,

  
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Year	Pits Nos	Over Burden (m <sup>3</sup> )	ROM (m <sup>3</sup> )	Saleable ore / mineral (m <sup>3</sup> )	Sub grade ore / mineral	Mineral Rejects	Ore to overburden ratio
50 days	I	NIL	28350	28350	0.00	0.00	1:0

**Total production for 50 days 28350 m<sup>3</sup> to a depth of 0.90 m**

3. As per the Approved Mining Plan Production shall not exceed 28350m<sup>3</sup> (50 days)
4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area.
5. Savudu quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m<sup>3</sup> bucket capacity and tipper /Tractor combination.
6. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area.
7. The area is represented by Survey of India Toposheet No. 66C/4 and the geographical coordinates lie between Latitude 13°14'43.83" to 13°14'48.82"and Longitude 80°06'07.34" to 80°06'14.43"E.
8. Nearest habitation is of Thirukkandalam village at a distance of 1 m on E- 14211 Population. Nearest Town is Uthukottai at a distance of 25km on North.
9. Nearest water bodies such as Korttalaiyar River 1.1 km on South
10. Lease applied area is not covered under HACA region.
11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
12. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.

  
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 SEAC-TN  
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14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
16. No habitation within the radius of the 300m from the lease area.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvallur vide Letter RC. No. 463/2013/G&M-2 dated 02.07.2019, it is informed that the following details

**a) Details of Existing Mines/Quarries**

S. No.	Name of the Owner	Village & Taluk	S.F.No	Extent(in Hects)	Name of Mineral	Remarks
1.	Nil					

**b) Details of abandoned Quarries**

S. No.	Name of the Owner	Village & Taluk	S.F.No	Extent(in Hects)	Name of Mineral	Remarks
	Nil					

**c) Details of Proposes Quarries**

S. No.	Name of the Owner	Village & Taluk	S.F.No	Extent(in Hects)	Name of Mineral	Remarks
1.	Thiru. J. Subramani	Uthukottai Taluk, Thirukkandalam Village	352/1(P WD Tank)	3.15.0	Savudu	

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The SEAC noted the following:

1. The Proponent, **Thiru. J.Subramani** has applied for Environmental Clearance to SEIAA-TN for the Proposed Savudu over an Extent of 3.15.0Ha at S.F.Nos. 352/1 (Part), (PWD Tank) in Thirukkandalam Village Uthukottai Taluk, Tiruvallur 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.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to submit the following details:

It was noted in the proponent has already carried out the mining activity that in the leased area after obtaining the Environmental clearance vide SEIAA letter dated: 16.07.2013. Hence, it is requested that furnish the following details from the concern Executive Engineer, PWD

- a) Availability of the minerals (Savudu) in the approved mine lease area
- b) Details of de-silting work carried out in the PWD tank.
- c) Any legal cases pending against the mining of savudu

On receipt of the above details, the further course of action may be taken by the SEAC.

  
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