

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 206th Meeting of State Expert Appraisal Committee (SEAC)- TN held on 08th March 2021 at SEIAA Conference Hall, II Floor, PanagalMaligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects, Synthetic Organic Chemicals Industry Projects & Mining projects.

Agenda No: 206-01 (File No: 8185/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.48.0 Ha at S.F.Nos. 224/1B (Part) & 224/2 (Part) of Velampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru.N.Balashanmugam - For Terms of Reference

(SIA/TN/MIN/58095/2020 dated 04.11.2020)

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

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

1. The Project Proponent, Thiru. N. Balashanmugam has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.48.0 Ha at S.F.Nos. 224/1B (Part) & 224/2 (Part) of Velampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Considering the Environment point of view, committee decided to restrict the

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ultimate depth of mining to 30m BGL and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the approved mining plan is Rough Stone: 116595 m³; Accordingly the EIA may be carried out.

2. Common EIA shall be carried out for all the 3 nos. of mines (File Nos. 8185, 8236 and 8263) in the cluster, but with assessment of environmental impacts for individual mines as well as EMP for individual mines.
3. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
4. Fugitive emission modeling studies need to be carried out and report on the same shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon

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

9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt plantation all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished. Miyawaki scheme shall be followed.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mine closure plan for the proposed project shall be submitted.
16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016

Member Secretary
SEAC- TN

Dr. S. SELVAN
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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.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017),

18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-02 (File No: 8190/2020)

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

(SIA/TN/MIN/59496/2020 dated 28.12.2020)

The proposal was placed for appraisal in this 206th meeting of SEAC held on 08.03.2021.

Member Secretary
SEAC- TN

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

Chairman
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Dr. S. SELVAN
Chairman
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Chennai
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The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.J.Bosco Arokiaraj has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 2.60.0 Ha at S.F.Nos. 166 (P) of Pirattiyur (East) Village, Tiruchirapalli Taluk, Tiruchirapalli District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

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

Agenda No: 206-03 (File No: 8199/2020)

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Proposed Rough Stone & Gravel quarry lease over an extent of 1.74.0 Ha at S.F.Nos. 160/2 at Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru.M.Eswaran - For Terms of Reference

(SIA/TN/MIN/59437/2020 dated: 28.12.2020)

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

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

1. The Project Proponent, Thiru. M. Eswaran has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.74.0 Ha in Survey Nos. 160/2 at Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

On initial discussion, SEAC noted that the Proponent has not complied with the condition of leaving 7.5m safety distance between the adjacent quarries that was imposed in the Precise area communication issued to the existing quarry by the District Collector, Tiruppur. In view of the above, SEAC decided to refer SEIAA office to address letter to District Collector, Tiruppur & DG Mines about the deviation and non-compliance of leaving 7.5 m safety distance for both mines (totalling to 15m) between the adjacent mines for necessary action, assessment of penalty and for further ratification.

Agenda No: 206-04 (File No: 8201/2020)

Expansion of already constructed Residential Apartment Complex at S.F. No. 53/3, 53/4, 53/10B, 55,56/1, 57/2 & 57/4, Pudupakkam Village, Chengalpattu Taluk, Kancheepuram District by M/s. Puravankara Limited- For Terms of Reference (Expansion).

Member Secretary
SEAC- TN

Dr. S. SELVAN
Member Secretary
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Chennai-15

(SIA/TN/MIS/187336/2020 dated: 09.12.2020)

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

SEAC noted the following:

1. The Project Proponent, M/s. Puravankara Limited has applied for Terms of Reference for the expansion of already constructed Residential Apartment Complex at S.F.No. 53/3, 53/4, 53/10B, 55,56/1, 57/2 & 57/4, Pudupakkam Village, Chengalpattu Taluk, Kancheepuram District.
2. The project/activity is covered under Category "B1" of Item 8(b) "Township & Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. EC issued vide Lr. No. SEIAA/TN/EC/8(a)/006/F-20/2008 dated 24.07.2008

The Committee noted that the project falls under violation category and not applied for Environmental Clearance during violation window period. Hence the SEAC unanimously decided to inform that this proposal cannot be considered for appraisal and the file is referred back to back to SEIAA office for further action.

Agenda No: 206-05 (File No: 8202/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 4.74.0 Ha at S.F.Nos. 463/1, 463/2, 464/2, 464/3 and 471(Part) at Kuppam Village, Pugalur Taluk, Karur District, Tamil Nadu by Tvl.Vinayaga Blue Metals - For Terms of Reference

(SIA/TN/MIN/59523/2020 dated: 30.12.2020)

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

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

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SEAC- TN

Dr. S. SELVAN
Member Secretary
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SEAC - TN

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


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

1. The Project Proponent, Tvl.Vinayaga Blue Metals has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 474.0 Ha in Survey Nos. 463/1, 463/2, 464/2, 464/3 and 471(Part) at Kuppam Village, Pugalur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Permitted ultimate depth of mining to 37m (2m +35m) and quantity that shall be mined as per the approved mining plan is Gravel:55462m³; Rough stone: 901730m³.
2. No fencing has been done for the existing quarry. The same shall be completed before submission of EIA report.
3. Two Odais are located near the project site. Hence 50m from the said water bodies shall be left vacant without any activity.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the

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Chairman
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Dr. S. MOHAN
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proposed mining area.

8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.

Member Secretary
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Dr. S. SELVAN
Member Secretary
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Chairman
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Dr. S. MOHAN
Chairman
SEAC - TN
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02/11/2015

15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

24. Wind speed data of the project site shall be furnished.

25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-06 (File No: 8224/2020)

Proposed Rough Stone quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 176 (Bit-4) at Pottanam Village, Senthamangalam Taluk, Namakkal District, Tamil Nadu by Thiru.V.P.R.Sheckhar - For Terms of Reference.

(SIA/TN/MIN/59699/2020 dated: 06.01.2021)

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

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

1. The Project Proponent, Thiru. V. P. R. Sheckhar has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 176 (Bit-4) at Pottanam Village, Senthamangalam Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Considering the Environment point of view, committee decided to restrict the ultimate depth of mining to 60m (45AGL+15BGL) and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the

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SEAC- TN

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approved mining plan is Rough stone: 219790m³

2. Proponent shall furnish the copy of A-register pertaining to S.F.No.101.
3. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.

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

Chairman
SEAC -TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai

10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mining closure plan for the proposed project shall be submitted.
16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age)

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Chennai-15

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SEAC - TN

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

S. SELVAN
Member Secretary
SEAC - TN
Chennai-15

present in the mining lease applied area and how, it will be managed during mining activity.

20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-07 (File No: 8231/2020)

Proposed Construction of Residential & Commercial Development, Nolambur Village, Madhuravoyal Taluk, Chennai District by M/s. Brigade Enterprises Limited - For Terms of Reference.

(SIA/TN/MIN/188720/2020 dated: 08.01.2021)

The proposal was placed for appraisal in this 206th meeting of SEAC held on 05.02.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

Member Secretary
SEAC- TN

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

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SEAC- TN

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

1. The Project Proponent, M/s. Brigade Enterprises Limited has applied for Terms of Reference for the Proposed Construction of Residential & Commercial Development, Nolambur Village, Madhuravoyal Taluk, Chennai District.
2. The project/activity is covered under Category "B1" of Item 8(b) "Township & Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. EC issued vide Letter. No. SEIAA-TN/F-1067/EC(8a)/378/2013 Dt:30.03.2015.

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

1. The proponent shall furnish the design details of the STP and Grey water treatment system after revising the water balance.
2. As per G.O. Ms. No. 142 approval from Central Ground Water Authority shall be obtained for withdrawal of water and furnish the copy.
3. Commitment letter from CMWSSB for supply of water shall be furnished.
4. Copy of the village map, FMB sketch and "A" register shall be furnished.
5. Detailed Evacuation plan during emergency/natural disaster shall be submitted.
6. The space allotment for solid waste disposal and sewage treatment & greywater treatment plant shall be furnished.
7. Details of the Solid Waste management plan shall be prepared as per Solid Waste management Rules, 2016 and shall be furnished.
8. Details of the E waste Waste management plan shall be prepared as per E Waste management Rules, 2016 and shall be furnished.

Member Secretary
SEAC- TN

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


Chairman
SEAC - TN

Dr. S. MOHAN
Chairman
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Chennai-15



9. Details of the Rainwater harvesting system proposed should be furnished.
10. A detailed storm water plan to drain out the storm water entering the premises during heavy rainy period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
11. The proposed OSR area should not be included in the activity area. The OSR area should not be taken into account for the green belt area.
12. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15% of the total land area of the project.
13. Cumulative impacts of the Project considering with other infrastructure developments in the surrounding environs shall be furnished.
14. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
15. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the Emission, Noise and Traffic.
16. The details of Rain Water Harvesting Plan with cost estimation shall be furnished.
17. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated:

Member Secretary
SEAC- TN
Dr. S. SELVAN
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30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Agenda No: 206-08 (File No: 8236/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.20.0 Ha at S.F.Nos. 227/1B (Part) at Velampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru.M.Subramainam - For Terms of Reference.

(SIA/TN/MIN/57862/2020 dated: 29.10.2020)

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

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


1. The Project Proponent, Thiru.M.Subramainam has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.20.0 Ha at S.F.Nos. 227/1B (Part) at Velampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Permitted ultimate depth of mining is 32m (2m+30m) and the quantity that shall be mined as per the approved mining plan is Rough Stone: 60260 m³; Gravel: 1080m³
2. Common EIA shall be carried out for all the 3 nos. of mines (File Nos. 8185, 8236 and 8263) in the cluster, but with assessment of environmental impacts for

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individual mines as well as EMP for individual mines.

3. Individual EMP shall be done for each mine.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m and width of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area

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

11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.

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20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-09 (File No: 8238/2020)

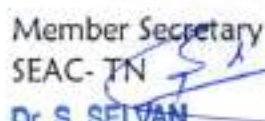
Proposed Rough Stone & Gravel quarry lease over an extent of 1.21.45 Ha at S.F.Nos. 310 & 311/2476/2(P) & 476/3(P) at Kaliyal Village, Vilanvancode Taluk, Kanniyakumari District, Tamil Nadu by Thiru.T.Paulraj - For Terms of Reference.

(SIA/TN/MIN/59793/2021 dated: 11.01.2021)

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

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

1. The Project Proponent, Thiru. T. Paulraj has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an

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extent of 1.21.45 Ha at S.F.Nos. 311/2476/2(P) & 476/3(P) at Kaliyal Village, Vilanvan code Taluk, Kanniyakumari District, Tamil Nadu.

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

During initial discussions the Committee learnt that a stay order has been issued for mining in Kaliyal Village by the Hon'ble High Court of Madras-Madurai. Hence, the Committee unanimously decided to refer back to SEIAA office for detailed scrutiny about the above case and its applicability to this project.

Agenda No: 206-10 (File No: 8254/2021)

Proposed Multi Colour Granite lease over an extent of 1.21.0 Ha at SF.No. 496/2B(P), Arasiramani Bit II, Sankari Taluk, Salem District, Tamil Nadu by Thiru.V.Raghupathy - For Terms of Reference.

(SIA/TN/MIN/59798/2021, dated: 12.01.2021)

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

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

- i) The Project Proponent, Thiru. V.Raghupathy has applied for Terms of Reference for the proposed Multi Colour Granite quarry lease over an extent of 1.21.0 Ha at SF. No. 496/2B(P), Arasiramani Bit II, Sankari Taluk, Salem District, Tamil Nadu.
- ii) The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

The proponent has withdrawn their proposal through parvesh.nic.in portal, in this regard the SEAC decided to refer back the said application to SEIAA for taking appropriate action.

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Agenda No: 206-11 (File No: 8263/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.57.0 Ha at S.F.Nos. 228/2 at Velampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. A. Kumar - For Terms of Reference.

(SIA/TN/MIN/60024/2021 20.01.2021)

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

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

1. The Project Proponent, Thiru. A. Kumar has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 2.57.0 Ha at S.F.Nos. 228/2 at Velampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Considering the Environment point of view, committee decided to restrict the ultimate depth of mining to 15m BGL and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the approved mining plan is Rough Stone: 136750 m³
2. Common EIA shall be carried out for all the 3 nos. of mines (File Nos. 8185, 8236 and 8263) in the cluster, but with assessment of environmental impacts for individual mines as well as EMP for individual mines.

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3. Individual EMP shall be done for each mine.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.

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11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age)

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present in the mining lease applied area and how, it will be managed during mining activity.

21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-12 (File No: 8268/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.16.0 Ha at S.F.Nos. 22/2 at Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.S.Nandhakumar - For Terms of Reference.

(SIA/TN/MIN/60076/2020 dated: 21.01.2021)

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

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

1. The Project Proponent, Thiru.S.Nandhakumar has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an

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extent of 1.16.0 Ha at S.F.Nos. 22/2 at Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu.

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

SEAC noted that as per the condition No.11 imposed in the Precise Area Communication, a farm house is located at a distance of 50m from the proposed mine lease area. Since blasting is involved, Children and old people will be affected. Hence, SEAC after detailed deliberations, decided to recommend the proposal to SEIAA for the issue of the following **Terms of Reference along with Public Hearing** for the proposed project in addition to the sector specific standard ToR :

1. Since there is farm house from the mining boundary, the proponent shall come out with mitigation plans to safe guard the people both from the safety as well as high level of noise.
2. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
3. Fugitive emission modeling studies to be carried out and report shall be submitted.
4. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
5. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
6. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of

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movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

7. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
8. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
9. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
10. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
11. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
12. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
13. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
14. A detailed mining closure plan for the proposed project shall be submitted.

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15. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
17. Details of the lithology of the mining lease area shall be furnished.
18. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
19. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
20. The proponent shall submit the waste management plan along with EIA report.
21. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
22. Wind speed data of the project site shall be furnished.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP

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channel within 300m radius, the proponent shall come out with mitigation plan.

2. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
3. Fugitive emission modeling studies to be carried out and report shall be submitted.
4. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
5. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
6. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
7. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
8. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.

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9. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
10. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
11. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
12. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
13. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
14. A detailed mining closure plan for the proposed project shall be submitted.
15. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
17. Details of the lithology of the mining lease area shall be furnished.
18. A study shall be conducted on the number of trees (name of the species, age)

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present in the mining lease applied area and how, it will be managed during mining activity.

19. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
20. The proponent shall submit the waste management plan along with EIA report.
21. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
22. Wind speed data of the project site shall be furnished.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-14 (File No: 8274/2020)

Proposed Rough Stone quarry lease over an extent of 3.00.0 Ha at S.F.Nos. 167/1 (Part-2) at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Thiru.V.Sekar - For Terms of Reference.

(SIA/TN/MIN/59833/2021 dated: 12.01.2021)

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

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

1. The Project Proponent, Thiru.V.Sekar has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 3.00.0 Ha at S.F.Nos. 167/1 (Part-2) at Siruthamur Village, Uthiramerur Taluk,

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Kanchipuram District, Tamil Nadu.

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

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

1. Permitted ultimate depth of mining to 22m (1m+21) BGL and the quantity that shall be mined as per the approved mining plan is Roughstone: 329770m³ and Topsoil: 25125m³
2. Common EIA shall be carried out for all the 2 nos. of mines (File Nos. 8274 and 8276) in the cluster, but with assessment of environmental impacts for individual mines as well as EMP for individual mines.
3. Individual EMP shall be done for each mine.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m and width of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project

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Chennai-15

on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.

Member Secretary
SEAC - TN

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

Chairman
SEAC -TN

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

16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated:

Member Secretary
SEAC- TN

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


Chairman
SEAC -TN

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

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

30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-15(File No: 8275/2020)

Proposed Rough Stone quarry lease over an extent of 4.95.0 Ha at S.F.No. 338/1 (Part-1) at Siruthamur Village, UthiramerurTaluk, Kanchipuram District, Tamil Nadu by Thiru.D.Arunkumar - For Terms of Reference.

(SIA/TN/MIN/60168/2021 dated: 25.01.2021)

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

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

1. The Project Proponent, Thiru.D.Arunkumar has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 4.95.0 Ha at S.F.No. 338/1 (Part-1) at Siruthamur Village, UthiramerurTaluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.

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

1. Considering the Environment point of view, committee decided to restrict the ultimate depth of mining to 47m (1m +46m) and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the approved mining plan is Rough stone: 587051m³ and Topsoil: 16724m³
2. Common EIA shall be carried out for all the 2 nos. of mines (File Nos. 8275 and

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

8278) in the cluster, but with assessment of environmental impacts for individual mines as well as EMP for individual mines.

3. Individual EMP shall be done for each mine.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m and width of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.98212016 &M.A.No.384/2017).

Member Secretary
SEAC- TN

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

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

19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-16 (File No: 8276/2020)

Proposed Rough Stone quarry lease over an extent of 3.00.0 Ha at S.F.Nos. 167/1 (Part-1) at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Tvl.M.S.Blue Stones - For Terms of Reference.

(SIA/TN/MIN/59831/2021 dated: 13.01.2021)

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

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

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

1. The Project Proponent, Tvl.M.S.Blue Stones has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 3.00.0 Ha at S.F.Nos. 167/1 (Part-1) at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Considering the Environment point of view, committee decided to restrict the ultimate depth of mining to 15m (1m+14m) and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the approved mining plan is Roughstone: 306684m³ and Topsoil: 24608m³
2. Common EIA shall be carried out for all the 2 nos. of mines (File Nos. 8274 and 8276) in the cluster, but with assessment of environmental impacts for individual mines as well as EMP for individual mines.
3. Individual EMP shall be done for each mine.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m and width of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the

Member Secretary
SEAC- TN

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

Chairman
SEAC - TN

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

impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.

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

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

15. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
16. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
17. Details of the lithology of the mining lease area shall be furnished.
18. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
19. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
20. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site

Member Secretary
SEAC- TN

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

Chairman
SEAC- TN

Dr. S. MOHAN
Chairman
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Chennai-15

attracts NBWL clearance.

24. Wind speed data of the project site shall be furnished.

25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 206-17 (File No: 8277/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.62.0 Ha at S.F.Nos. 319/1, 2, 3 & 4 at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Thiru.N.Kanniyappan - For Terms of Reference.

(SIA/TN/MIN/60166/2021 dated: 25.01.2021)

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

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

1. The Project Proponent, Thiru.N.Kanniyappan has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 3.58.9 Ha at S.F.Nos. 1.62.0 Ha at S.F.Nos. 319/1, 2, 3 & 4 at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

SEAC noted that PWD Irrigation Channel is located very near at about 70m distance from the proposed mining area. Hence the mining operation including blasting will affect the irrigation channel and water body. The mining in this area will result in livelihood of nearby people affecting the irrigation Channel and also water body. Hence the Committee is of strong opinion that this area is not suitable for mining and blasting

Member Secretary
SEAC- TN

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

Chairman
SEAC - TN

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

including controlled blasting. Thus the Committee decided not to recommend to SEIAA for the issue of Environmental Clearance to the said project.

Agenda No: 206-18 (File No: 8278/2020)

Proposed Rough Stone quarry lease over an extent of 2.15.30 Ha at S.F.Nos. 320/5 at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Thiru. K.Prabakaran - For Terms of Reference.

(SIA/TN/MIN/60164/2021 dated: 25.01.2021)

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

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

1. The Project Proponent, Thiru.K.Prabakaran has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 2.04.5 Ha at S.F.Nos. 2.15.30 Ha at S.F.Nos. 320/5 at Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

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

1. Permitted ultimate depth of mining to 20m (2m +18m) BGL and the quantity that shall be mined as per the approved mining plan is Roughstone: 237284m³ and Topsoil: 34176m³
2. Common EIA shall be carried out for all the 2 nos. of mines (File Nos. 8275 and 8278) in the cluster, but with assessment of environmental impacts for individual

Member Secretary
SEAC - TN

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

Chairman
SEAC - TN


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

mines as well as EMP for individual mines.

3. Individual EMP shall be done for each mine.
4. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.

Member Secretary
SEAC- TN

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


Chairman
SEAC -TN

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



11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age)

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

present in the mining lease applied area and how, it will be managed during mining activity.

21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER.

Agenda No: 206-19 (File No: 8285/2020)

Proposed Rough Stone quarry lease over an extent of 0.82.0 Ha at S.F.Nos. 80/20, 80/21 & 80/22 at Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu by Thiru. R.Muthusamy - For Terms of Reference.

(SIA/TN/MIN/60331/2021 dated: 05.02.2021)

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

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

1. The Project Proponent, Thiru.R.Muthusamy has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 0.82.0 Ha at S.F.Nos. 80/20, 80/21 & 80/22 at Melur Village.

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

Kulathur Taluk, Pudukottai District, Tamil Nadu.

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

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

1. Proponent to obtain and furnish NOC from PWD demarcating water spread and catchment area, stating impact on water storage and subsequent irrigation due to the proposed mining.
2. Fugitive emission modeling studies to be carried out and report shall be submitted.
3. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
4. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
5. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

Member Secretary
SEAC - TN

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

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

6. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
7. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
8. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
9. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
10. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
11. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
12. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
13. A detailed mining closure plan for the proposed project shall be submitted.
14. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
15. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016

Member Secretary
SEAC- TN

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

Chairman
SEAC -TN

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

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(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.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.98212016 &M.A.No.384/2017).

16. Details of the lithology of the mining lease area shall be furnished.
17. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
18. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
19. The proponent shall submit the waste management plan along with EIA report.
20. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
21. Wind speed data of the project site shall be furnished.
22. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER

Further the Committee has decided to make an on - the - spot inspection of the site by the sub-committee constituted by the SEAC.

Agenda No: 206-20(File No: 8293/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 0.51.0 Ha at S.F.Nos.

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207/10B2, at Melur Village, Sathiyamangalam Taluk, Pudukkottai District, Tamil Nadu by Tvl.SaiHridhamInfraaPvt Ltd. - For Terms of Reference.

(SIA/TN/MIN/60550/2021 dated: 05.02.2021)

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

SEAC noted the following:

1. The Project Proponent, Tvl.SaiHridhamInfraaPvt Ltd has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 0.51.0 Ha at S.F.Nos. 207/10B2, at Melur Village, Sathiyamangalam Taluk, Pudukkottai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

During initial discussions, SEAC was informed by the representative of the Proponent that the Proponent Thiru. S. Palanisamy is bed-ridden and could not attend the meeting as he is undergoing medical treatment. However the representative failed to produce identity proof and also medical certificate to support his claim. Hence the Committee decided to defer discussion of the project proposal to a later date.

Agenda No: 206-21(File No: 6761/2020)

Mixed Use Development Project under violation category constructed at S.F.Nos. RS No. 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2, Block No.11, and RS No. 221/2, 222/1, 2, Block No.12 at Perambur Village, Purasawalkam-Perambur Taluk, Chennai District, Tamil Nadu by M/s. SPR Construction Pvt Ltd- For Environmental Clearance under violation.

(SIA/TN/NCP/33852/2016 dated: 16.02.2021)


M/s. SPR Construction Pvt. Ltd., has applied seeking Environmental clearance under

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violation of Mixed Use Development Construction Project at RS No : 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2, Block 11, and RS No : 221/2, 222/1, 2, Block 12, Perambur Village, Purasawalkam-Perambur Taluk, Chennai District in the state of Tamil Nadu- Under Violation Notification issued by MoEF& CC dated 14.03.2017 & 08.03.2018 Under Sl. No 8 (b) of Category B2 Township and Area Development Projects.

The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Environmental Clearance (EC) was issued vide SEIAA TN Lr.No. SEIAA/TN/F.5006/EC/8(b)/498/2016 dated 24.10.2016 to M/s. SPR Construction Pvt. Ltd., for the following:

- Whole Sale Market (Shopping Centre) (Block A1, A2, A3, A4, B (Each G + 4 Floors)
- School (Block C - G + 3 Floors),
- Convention Centre, Shopping Mall, Hotel (Block D – G + 8 Floors + 9th Floor (Part)),
- Office Building (Block E - G + 8 Floors),
- Residential Blocks
 - Block F1 - S + 27 Floors,
 - Block F2 - S + 27 Floors,
 - Block F3 - S + 27 Floors,
 - Block F4 - S + 27 Floors,
 - Block G - S + 55 Floors,
 - Combined Stilt floor (F1, F2, F3, F4& G Blocks))
 - Block H - S + 27 Floors)
- Club House (Block I (B + G + 1 Floor),
- Combined Basement Floors for Residential Buildings (Lower

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Basement + Upper Basement) and Combined Basement Floors for Commercial Buildings (Lower Basement + Upper Basement) and Multi level car parking (MLCP- 5+9 Floors) with a total built-up area of 4,71,513sq.m in a plot area of 2,00,244sq.m.

2. The total land area of project is 2,00,197sq.m with total built up area is 12,97,791sq.m.
3. The project is located at a Latitude of 13° 6' 8.67"N and Longitude of 80° 15' 14.89"E
4. The Mixed Use Development Project Comprising of Commercial Market (Block : 6) - Whole Sale Market, Ware House, Service Floor, Offices (Total floors - G +14 (G+1 & 1M; 2 & 2M; 3rd floor fully parking; 4 & 4M; 5 & 5M; 6th; 7th(ware house); 8th (service floor); 9th to 14th floor (office)), Commercial Mall Block : 7 - G + 4 floor with Combined Triple Basement floors (Mall : 1stbasement floor for partly shop/Hyper market & Parking + 2nd Basement floor + 3rdBasement floor for parking),

(Commercial Market : 1stBasement for storage + 2nd & 3rd Basement floor for parking),

School (Block : 5) - Basement + Ground + 3 Floors, and

Residential Blocks comprising of

Block : 1 (1st to 38th Floor),

Block : 2 (1st to 38th Floor),

Block : 3 (1st to 47th Floor),

Block : 4 (1st to 47th Floor)

Block : 8 (1st to 60th Floor),

Block: 9, 10, 11 (1st to 50th Floor)

Block: 12 & 13 (G+7 (Club House-2) + 8th to 13th Floor (Hotel) + Service floor + 14th to 42nd Floor (Residential)) with 3,075 Nos. of Dwelling units with Combined Single Basement (for Block 2, 3 with 2 levels of stacked parking), Combined

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Double basement floor (for Block 4, 5 & 6 with 2 levels of stacked parking in each basement floor). Combined Stilt floor for Block 1, 2, 3, 4, 5 & 6 (2 level of stacked parking). Combined 1, 2 & 3rd basement Floor for Block 7 (2 level of stacked parking in each basement floor).

Club House : 1 (Between and Below all Blocks at Stilt/Ground level and at Extended Podium (Stilt level) and at Elevated podium landscaping level (1st Floor level)) and Temple (Block : 14) with 2 Basement + S/G+9Floors.

5. The total water requirement is 5605 KLD. The daily fresh water requirement is 2112 KLD for domestic purpose will be sourced from CMWSSB. 3766 KLD of waste water is generated which is treated through 3800 KLD of STP of Sequential Batch Reactor (SBR), resulting in 3766 KLD of treated water in which 1865 KLD is used for flushing, 478 KLD for Greenbelt development, 1150 KLD for HVAC and 273 KLD is discharged to the sewer.
6. Car parking area of 1,24,138 m² for parking 9,931 numbers of cars is allotted for car parking. For 6,808 numbers of two wheelers 12,254 m² of area allotted for two wheeler parking.
7. Total power is computed as 40971 KVA which is proposed to be sourced through TNEB grid. Back-up power supply is through the following DG sets with a stack height of above roof level
 - 6 Nos. of 2250 KVA
 - 4 Nos. of 2000 KVA
 - 1 No. of 1000 KVA
 - 15 Nos. of 625 KVA
 - 6 Nos. of 600 KVA
- Total waste estimated to be generated is 20,180 Kg/day in which 11,880 Kg/day is Bio-degradable waste.
- It was inferred from the Environment clearances compliance report from the Regional

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office, MoEF&CC, Chennai vide F.No.EP/12.1/2016-17/SEIAA/31/TN/0460 dated 20.03.2019 that

The Environment Clearances were issued for Residential Blocks:

Block Details mentioned in EC issued on 24.10.2016.	Present Status
Block F1 - S + 27 Floors	36 floors completed
Block F2 - S + 27 Floors	30 floors completed
Block F3 - S + 27 Floors	18 floors completed
Block F4 - S + 27 Floors	Work not started
Block G - S + 55 Floors	Work not started
Block H - S + 27 Floors	Work not started
Combined stilt floor (F1, F2, F3, F4 & G Blocks)	Work not started

From the above, it was observed that the project proponent has constructed 36 floors against the Environment clearance issued for Block F1 - S + 27 Floors and 30 floors construction completed against the Environment clearances issued for Block F2 - S + 27 Floors.

The project proponent stated that a total built-up area of the constructed building is within the built-up area mentioned in earlier Environmental clearance issued by SEIAA. SEAC is of the opinion that the project proponent must have obtained prior approval from the SEAC for Block F1 & Block F2 before constructing beyond the approved floors accorded by the SEIAA in the earlier Environment Clearances. Hence, SEAC decided that SEIAA may obtain the necessary clarification from the legal experts regarding the above said point to take further course of action on this proposal.

The SEAC minutes was placed in the 349th SEIAA meeting held on 12.07.2019. After

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the perusal of the above detail SEIAA decided that the above clarification requested by the SEAC shall be sent to the MoEF&CC. After the receipt of the clarification from MoEF&CC further course of action shall be taken on the proposal.

Further, it is noted that the compliance report of the Regional office, MoEF&CC, Chennai vide F.No.EP/12.1/2016-17/SEIAA/31/TN/0460 dated 20.03.2019 just noted the above observation and does not indicated any further remarks regarding the above said observation.

In the view of the above, it was submitted that necessary clarifications/Remarks/Recommendation from MoEF&CC on the above subject letter dated 16.09.2019

In the meantime the proponent has submitted his/her request letter to process the application as per the MoEF&CC's Office Memorandum (F.No.22-10/2019-IA.III) dated 09.09.2019 and the letter submitted by the proponent is given below.

"We wish to state that we have obtained Environmental Clearance(EC) from State Environmental Impact Assessment Authority (SEIAA) during October 2016. It may be noted that, our application seeking EC expansion was submitted to MoEF&CC on 23.09.2017 (Proposal No. IA/TN/NCP/69773/2017 dated 23.09.2017). Further, based on the directions of MoEF&CC in respect of their OM dated 03rd April 2018, wherein the powers are completely vested with the SEIAA/SEAC in the case of 8(a)& 8(b) category projects in the matter of appraisal and accordence of EC. Hence we submitted an application to SEIAA subsequently for EC expansion.

It may be noted that our original application and its subsequent scrutiny/communications by MoEF&CC were all made during the window period specified in the above said OM cited in reference No.(7)above. In view of this, we request the SEIAA/SEAC to consider our proposal for appraisal under violation category based on the provisions of clauses 7,8&9 of the OM dated

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09.2019 and do the needful towards issuing Environmental Clearance as per the provisions of MoEF&CC Notification(S.O.804(E))dated14.03.2017"

The proposal was placed along with the request letter submitted by the proponent in the 359th SEIAA meeting on 06.11.2019, after the detailed discussion SEIAA decided to take up the subject in SEIAA-TN the same may be appraised under violation category as per the MoEF& CC's Office Memorandum (F.No. 22-10/2019-IA.III) dated 09.09.2019 since the application seeking Environmental Clearance expansion was submitted by the proponent to MoEF&CC on 23.09.2017 (i.e within the violation window period) (Vide online Proposal No. 1A/TN/NCP/69773/2017 dated 23.09.2017). Hence the subject was referred to SEAC-TN to apprise the proposal under the violation category as per the MoEF& CC's Office Memorandum (F.No.22-10/2019-IA.III) dated 09.09.2019.

The subject was placed in the 138th SEAC meeting held on 09.11.2019. The 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.

A Sub-committee was constituted by the SEAC to inspect the site of the M/s. SPR Construction, Perambur Village. The Sub-Committee visited the project site of M/s. SPR Construction, Perambur Village, Purasawalkam –PeramburTaluk, Chennai District in the state of Tamil Nadu on March 18, 2020 and made the following observation and recommendations.

The Sub-Committee made the following observation and recommendations during the time of the site visit to M/s. SPR Construction, Perambur Village and observed the following:

1. At the time of site inspection, structural works for three residential blocks

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- and one school block were completed.
2. The Excavation, basement construction work for commercial block is underprogress.
 3. During the time of site inspection as per the discussion held with M/s. SPR Construction, Perambur, indicated that SPR has plans for expanding vertically (Additional floors in blocks that were granted EC) as well as additional two blocks.
 4. The details of the construction, at the time of inspection indicated the following Status of Construction SPR, Perambur as on March 16, 2020 during the time of Inspection,

As per the EC Obtained in October, 2016			Status of Construction
S.No.	Description	Blocks	
1.	Wholesale Market	A1 - G+4 Floors	G + 1 under construction
		A2 - G+4 Floors	Excavation started
		A3 -G+4 Floors	G + 1 under construction
		A4 - G+4Floors	Excavation started
		B- G+4Floors	Excavation started
2.	School	C - G+3 Floors	G+3 Floors completed
3.	Convention Centre	D - G+8 Floors+9th floor part	Construction not started
	Shopping Mall		
	Hotel		
	Office Building	E - G+8 Floors	Construction not started
		F1 - S+27 Floors	F1 - S+38 Floors completed
4.	Residential Blocks	F2 - S+27 Floors	F2 - S+38 Floors completed
		F3 - S+27 Floors	F3 - S+40 Floors completed
		F4 - S+27 Floors	Construction not started

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		G – S+55 Floors	Construction not started
		H – S+27 Floors	Construction not started
5.	Club House	I – B+G+1 Floor	Construction not started
6.	Multi-Level parking	Car S+9 Floors	Proposal dropped

1. No green belt was developed inside the projectsite
2. No open or bore wells are present inside the projectsite
3. The ground water table inside the project site is in the range of 6 -8m which ideal for the rainwater harvesting through recharge and for drawl as when required thereby reducing the water requirements for the projectproponent.
4. In addition, the Sub-Committee sought the following information from the project proponent
 - Calculation of water requirement for the project site
 - Adequacy certificate for increase in the floor levels and additional facilities other than approved in the First EC obtained by the project proponent in2016
 - Inclusion of bio-methanation plant in place of OWC and its design details
 - Inclusion of Grey water treatment along with STP and details of reuse of the treatedwastewater
 - All concrete revision plans dully approved by the concerned authority indicating the revised FSI and non-FSI areas of the projectsite
 - Development of proper OSR and its details along with green belt development in theOSR
 - Details of the raft foundation laid and along with the details of the soil lithology
 - Details of the flood and storm water management along with detailed plan for people evacuation plan in case ofemergency

The sub-committee submitted the inspection report to SEAC for the further course of

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action regarding the proposal under violation Mixed Use Development Construction Project by M/s. SPR Construction Pvt. Ltd., at RS No: 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2, Block 11, and RS No: 221/2, 222/1, 2, Block 12, Perambur Village, Purasawalkam- Perambur Taluk, Chennai District in the state of Tamil Nadu.

Based on the direction from the SEIAA for apprising this project under violation as per the O.M of MoEF&CC dated 09.09.2019 vide minutes of the 359th SEIAA meeting on 06.11.2019, the SEAC decided to recommend to issue the Terms of Reference (ToR) to SEIAA in 3 parts for the project for assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared as an independent chapter in the Environment Impact Assessment report by the Accredited consultant and also with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET or a laboratory of Council of Scientific and Industrial Research Institutions working in the field of Environment. Subsequently, the SEIAA-TN has issued the Terms of Reference under violation on 27.10.2020.

Now the Proponent has submitted the EIA Report with revised application for the total built-up area of 5,81,528 Sqm and the detailed area statement is given below.

Block	No. of Floors	Total Built-up Area (Sq.m)
Block 1 (Residential – 226 Dwelling Units)	Stilt (Combined) + Ground (Combined) + 38 Floors	39,070
Block 2 (Residential – 284 Dwelling Units)	2 Basement Floors (Combined) + Stilt (Combined) + Ground (Combined) + 38 Floors	45,834
Block 3 (Residential – 185 Dwelling Units)	2 Basement Floors (Combined) + Stilt (Combined) + Ground (Combined) + 47 Floors	53,503
Block 4	2 Basement Floors (Combined) +	30,923

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(Residential – 225 Dwelling Units)	Stilt (Combined) + Ground (Combined) + 45 Floors	
Block 5 (Institutional - School Building)	Basement Floor + Ground + 3 Floors	17,044
Block 6 (Commercial Market)	3 Basement Floors + Ground + 15 Floors	3,87,895
Other Utilities (STP, OWC, Security Room, Transformer Yard, Substructure)		7,259
Total Built-up Area (Sq.m)		5,81,528

The proponent has also furnished the separate chapter on the Ecological Damage Assessment, Remediation Plan, Natural Resources Augmentation and Community Resource Augmentation Plan prepared by the Accredited consultant and also detail with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET

The subject was placed in this 206th meeting of SEAC held on 08.03.2021 for appraisal for seeking Environmental clearance under violation and the proponent gave the detailed presentation about the project detail. The SEAC assed the project based on Ecological damage, remediation plan and natural & community resource augmentation plan furnished as an independent chapter in the Environment Impact assessment report prepared by the NABET consultant as per the guidelines mentioned in the MoEF& CC Notifications dated 14.03.2017 and 08.03.2018. The extract from the report is as follows:

Ecological Damage Assessment:

S. No	Ecological Assessment	Damage	Remediation Plan	Amount (in Lakhs)
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11	Dust/ Particulate Matter emissions from loading/unloading of building material and Pollution caused by vehicles transporting building material.	<ul style="list-style-type: none"> • Provision for stacking of all the construction materials within the select areas of the project site to avoid dust emissions from building materials. • Frequent sprinkling of water on the road surfaces and other areas to reduce the particulate matter generated due to the vehicular movement and dust arises due to material handling. • Maintaining ambient air quality and ambient noise levels within the standards prescribed by TNPCB. 	6.0
22	Noise emissions from the equipment/ machinery	<ul style="list-style-type: none"> • Maintaining the machineries in good condition • Providing the Personal Protective Equipment say helmets, mufflers etc to the labourers 	5.5
Total Amount			11.5

Natural Resource Augmentation Plan:

S. No.	Natural Resource Augmentation Plan	Amount (in Lakhs)
11	Water Conservation: Water Conservation fixtures like aerators, sensors will be installed to reduce the water conservation.	2.0
22	Energy Conservation measures: Solar water heater will be provided at the roof level to meet the hot water requirement, VFD gears with will be installed in the lift. The amount to be spent will be done for the maintenance of installed LEDs, lifts and proposed installation of solar PV panels.	1.2

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33	<p>Recycling of waste:</p> <p>Constructing debris was used for raising the level within the project and the Organic Waste Converter (OWC) and bio methanaization plant will be installed for treating the biodegradable waste generated from the house hold and manure will b utilized for green belt development within the project premises which improves the soil fertility.</p>	1.0
44	<p>Safety/security of human resources involved:</p> <p>The health and the safety of the human resources will be taken into account during construction and operation.</p> <p>Construction: Shelter/sanitary facilities of laborers workplace safety/ medical camp conducted.</p>	0.4
Total Amount		4.6

Community Resource Augmentation Plan:

S. No.	Community Resource Augmentation Plan	Amount (in Lakhs)
11	Avenue Plantation in PerumburVillage(200 nos.) through Environment Management Agency of Tamil Nadu(EMAT) including maintenance of 3 years.	7.0
Total Amount		7.0

Based on the inspection report and the violation notification, the SEAC classified the level of damages by the following criteria:

1. Low level Ecological damage:

- a. Only procedural violations (started the construction at site without obtaining EC)

2. Medium level Ecological damage:

- a. Procedural violations (started the construction at site without obtaining EC)
- b. Infrastructural violation such as deviation from CMDA/local body approval.
- c. Non operation of the project (not occupied).

3. High level Ecological damage:

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- a. Procedural violations (started the construction at site without obtaining EC)
- b. Infrastructural violation such as deviation from CMDA/local body approval.
- c. Under Operation (occupied).

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the project proponent, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER by following the below mentioned criteria, as per category 3, stated above.

Level of damages	Ecological remediation cost (% of project cost)	natural resource augmentation on cost (% of project cost)	community resource augmentation on cost (% of project cost)	CER (% of project cost)	Total (% of project cost)
Low level Ecological damage	0.25	0.10	0.15	0.25	0.75
Medium level Ecological damage	0.35	0.15	0.25	0.5	1.25
High level Ecological damage	0.50	0.20	0.30	1.00	2.00

For the project cost, the proponent has submitted the Auditor certificate Dated 04.02.2021 from the Chartered Accountant (with UDIN :2120796AAAAH5634). In that certificate it is given as follows,

Sl.No	Gross fixed Assets	Value INR (in Crores)
EC obtained (2016)		
1	Land cost	125.00

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2	Building Cost	574.60
3.	Utilities/ Other infrastructure cost	56.80
	Sub-Total(A)	756.40
Additional floors construction(on top of EC obtained)		
1.	Building Cost	41.5
2.	Utilities/ Other infrastructure cost	4.45
	Sub-Total(B)	45.95
	Grant Total (A+B)	802.35

Further the proponent has requested the SEIAA to consider the gross fixed value of the additional floors constructed more than the EC issued in the year 2016 for the calculation of fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER .

The SEAC observed that the violation project of Construction of Mixed Use Development Construction Project at RS No : 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2, Block 11, and RS No : 221/2, 222/1, 2, Block 12, Perambur Village, Purasawalkam-Perambur Taluk, Chennai District by M/s. SPR Construction Pvt. Ltd for Environmental Clearance under violation comes under the "low level Ecological damage category" as it is yet to be occupied. The Committee decided to recommend the proposal to SEIAA for grant of EC subject to the following conditions in addition to the normal conditions:

1. The total built-up area should be restricted to 5,81,528 Sqm with the blockwise area details as follows,

Block	No. of Floors	Total Built-up Area (Sq.m)
Block 1 (Residential – 226 Dwelling Units)	Stilt (Combined) + Ground (Combined) + 38 Floors	39,070
Block 2 (Residential – 284 Dwelling Units)	2 Basement Floors (Combined) + Stilt (Combined) + Ground (Combined) + 38 Floors	45,834

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Block 3 (Residential – 185 Dwelling Units)	2 Basement Floors (Combined) + Stilt (Combined) + Ground (Combined) + 47 Floors	53,503
Block 4 (Residential – 225 Dwelling Units)	2 Basement Floors (Combined) + Stilt (Combined) + Ground (Combined) + 45 Floors	30,923
Block 5 (Institutional - School Building)	Basement Floor + Ground + 3 Floors	17,044
Block 6 (Commercial Market)	3 Basement Floors + Ground + 15 Floors	3,87,895
Other Utilites (STP, OWC, Security Room, Transformer Yard, Substructure)		7,259
Total Built-up Area (Sq.m)		5,81,528

2. As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, "The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited.
3. Accordingly, the amount prescribed for Ecological remediation (Rs. 11.5 lakhs), natural resource augmentation (Rs. 4.6 lakhs) & community resource augmentation (Rs. 7.0 lakhs), totaling Rs. 23.1 lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs.23.1 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.

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4. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
5. The amount committed by the Project proponent for CER (Rs.11.5 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.
6. The Project proponent shall operate the STP effectively and continuously so as to achieve standards prescribed by the TNPCB for treated sewage.
7. The Project proponent shall utilize the treated sewage for the development of green belt and toilet flushing after achieving the standards prescribed by the TNPCB.
8. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities of proposed CER for entire project other than the CER amount of 11.5 Lakhs to be remitted before the issue of Environmental clearance as imposed in the condition No.3
9. The project Proponent shall provide the combination of UASB (in STP/GWTP) and OWC for disposal of bio degradable solid waste. The project Proponent shall operate the same efficiently and continuously for the disposal of the Organic waste generated from the campus. The non-bio degradable waste shall be regularly collected and disposed through TNPCB authorized recycler
10. The Project proponent shall collect & dispose the hazardous waste through TNPCB Authorized vendors/recyclers as per the Hazardous and other wastes (Movement and Transboundary Movement), Rules 2016.

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11. The Project proponent shall collect and dispose the E-Waste through TNPCB Authorized vendors/recycler as per the E-Waste Management Rules 2016.
12. Necessary permission shall be obtained from the competent authority for the drawl/outsourcing of fresh water before obtaining consent from TNPCB.
13. All the mitigation measures committed by the project proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
14. Tapping of solar energy should be at least 10% of total energy consumption Solar energy usage mainly for the illumination of common areas, street lighting etc.,
15. The project proponent shall provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
16. Waste of any type not to be disposed of in any water bodies including drains, canals and the surrounding environment.
17. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
18. The proponent shall furnish the detail about the built-up area for all the buildings with floor wise to TNPCB every year along with the compliance report for the Environmental Clearance.

Any violations and subsequent suitable action may be decided by SEIAA, as deemed appropriate, if arise.

Agenda No: 206-22 (File No: 7223/2020)

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Proposed Rough Stone & Gravel quarry lease over an extent of 8.39.0 Ha at S.F.Nos. 212/7, 240/1A, 1B, 2, 207/3C, 241/1, 243/1, 2 and 3 of Meenakshipuram Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu by M/s. Ezhil Blue Metals Private Limited - For Environmental Clearance.

(SIA/TN/MIN/61134/2019 dated 23.02.2021)

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

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

1. The Project Proponent, M/s. Ezhil Blue Metals Private Limited has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 8.39.0 Ha at S.F.Nos. 212/7, 240/1A, 1B, 2, 207/3C, 241/1, 243/1, 2 and 3 of Meenakshipuram Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the Project proponent, SEAC decided to seek the Proponent to furnish the following document as there are many a water body located near the mine lease area.

The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.

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

Agenda No: 206-23 (File No: 8160/2021)

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Proposed Rough Stone quarry lease over an extent of 2.00.0 Ha at S.F.Nos. 328/2 (Block-8) of Kalpadi North Village, PerambalurTaluk, Perambalur District, Tamil Nadu by M/s.SriVinayaka Minerals - For Environmental Clearance (SIA/TN/MIN/187461/2020 dated 10.12.2020)

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

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

1. The Project Proponent, M/s.SriVinayaka Minerals has applied for Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 0.71.5 Ha at S.F.Nos. 2.00.0 Ha at S.F.Nos. 328/2 (Block-8) of Kalpadi North Village, PerambalurTaluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.

SEAC noted that the AD/Mines vide letter dated 12.11.2020 has reported that the 3 nos. of existing quarries with valid lease period are not in operation. After detailed discussions, the Committee directed the Proponent to furnish letter from AD/Mines detailing the last date of transport permit issued to the said quarries to decide on the category of the project(B1 or B2). On receipt of the same the Committee would further deliberate on this project and decide the further course of action.

Agenda No: 206-24(File No: 7650/2020)

Proposed Construction of Warehouse/Logistics/Storage Building Project M/s. SHIRINA Industrial & Logistics Park Pvt. Ltd., SECURA Logistics Park Pvt. Ltd., ERPL Industrial &Logistics Park Pvt. Ltd.,in Survey No: 98/2, 100, 101, 102/1, 102/2, 102/3, 103/1A, 103/1B, 103/2, 106, 107/3, 107/4, 107/5, 108/2, 117/1A, 117/1B1, 117/1B2, 155/1A, 155/2, 155/3, 156/1, 160/1, 160/2, 161/1, 161/2, 161/3A, 161/3B, 162, 163/1A, 163/1B, 164/1, 164/2, 165/1,

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165/2, 166/1, 166/2, 166/3, 167, 168, 169, 170, 171, 277/1, 277/2, 278/1C, 278/2, 278/1A, 278/1B, 279/1, 279/2, 279/3, 280, 281, 282, 284/3, 285/1A, 285/1B, 285/1C, 285/1D, 285/1E, 285/1F, 285/2, 285/3, 286/1A, 286/1B, 286/2, 286/3A, 286/3B, 286/4A, 286/4B, Vishnuvakkam Village & Karikalavakkam Village, Tiruvallur Taluk, Tiruvallur District-For Environmental Clearance

(SIA/TN/MIS/143622/2020, dated: 19.02.2020)

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

SEAC noted the following:

1. The Proponent M/s. SHIRINA Industrial & Logistics Park Pvt. Ltd., SECURA Logistics Park Pvt. Ltd., ERPL Industrial & Logistics Park Pvt. Ltd., has applied seeking Environmental Clearance for the proposed Construction of Warehouse/Logistics/Storage Building Project in Survey No: 98/2, 100, 101, 102/1, 102/2, 102/3, 103/1A, 103/1B, 103/2, 106, 107/3, 107/4, 107/5, 108/2, 117/1A, 117/1B1, 117/1B2, 155/1A, 155/2, 155/3, 156/1, 160/1, 160/2, 161/1, 161/2, 161/3A, 161/3B, 162, 163/1A, 163/1B, 164/1, 164/2, 165/1, 165/2, 166/1, 166/2, 166/3, 167, 168, 169, 170, 171, 277/1, 277/2, 278/1C, 278/2, 278/1A, 278/1B, 279/1, 279/2, 279/3, 280, 281, 282, 284/3, 285/1A, 285/1B, 285/1C, 285/1D, 285/1E, 285/1F, 285/2, 285/3, 286/1A, 286/1B, 286/2, 286/3A, 286/3B, 286/4A, 286/4B, Vishnuvakkam Village & Karikalavakkam Village, Tiruvallur Taluk, Tiruvallur District.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

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

1. It is found that a canal is located adjacent to the boundary of the proposed site.

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Dr. S. SELVAN
Member Secretary
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Hence, the project proponent shall furnish the village map, FMB sketch and "A" register so as to confirm that the proposed project area and compound wall not intersecting the canal.

2. The Project Proponent instructed to submit the project proposal in one name instead of applying in three names. During the presentation, the project proponent accepted and requested to issue the Environmental Clearance in the name of M/s. SHIRINA Industrial & Logistics Park Pvt. Ltd .. Accordingly, the project proponent shall submit the revised Form I in one name.
3. The layout plan should be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP for approval. The greenbelt width shall be of minimum of 3m width along the boundaries of the project site and 33% of the total land area shall be maintained as Green belt.
4. The Project Proponent shall clearly indicate the type of activity proposed along with percentage or quantity of each activity in-specific.
5. The project Proponent shall furnish the detailed report on the Environmental Impact due to the proposed activity.
6. The project Proponent shall furnish the study on the Carbon Emissions and the Carbon Footprint due to diesel consumption and emissions from the proposed activity.
7. The two numbers of proposed sewage treatment plant shall be provided in two different locations considering the gradients.
8. The project Proponent shall revise the STP design and grey water treatment plant based on the characteristics study of Grey & Sewage water so as to utilize the treated water for recycling and flushing.
9. The project Proponent shall furnish the detailed storage plan along with type of activity involved in each proposed building.
10. The proposed OSR area should not be included in the activity area.

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11. The OSR area should not be taken into account for green belt area.
12. The Proponent shall furnish the land use classification certificate obtained from the competent Authority for the Industrial activity.

The Project Proponent furnished the reply vide letter dated 14.12.2020. Hence the subject was placed for appraisal in this 206th meeting of SEAC held on 08.03.2021. However SEAC noted that the Project proponent didn't attend today's meeting (Absent) and no prior communication received from the Proponent in this regard. Hence the committee decided to seek SEIAA to obtain and furnish explanation from the Proponent for the absence without any intimation to SEAC/SEIAA.

Agenda No: 206-25 (File No: 8177/2020)

Proposed Rough Stone quarry lease over an extent of 2.13.0 Ha at S.F.Nos.193/1A, 2A1, 1B & 1C of Kilkolathur Village, CheyyarTaluk, Thiruvannamalai District, Tamil Nadu by Tvl.Glitz - For Environmental Clearance.

(SIA/TN/MIN/189143/2020 dated 21.12.2020)

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

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

1. The Project Proponent, Tvl.Glitz has applied for Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 2.13.0 Ha at S.F.Nos.193/1A, 2A1, 1B & 1C of Kilkolathur Village, CheyyarTaluk, Thiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.

Based on the presentation made and documents furnished by the Project proponent, SEAC decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions:

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Chennai-15

1. Permitted ultimate depth of mining is 33m (3m+30m) BGL and the quantity that shall be mined as per the approved mining plan is Gravel: 37257m³ and Roughstone: 136524m³
2. Eri and Odai are located near the project site. Hence 50m from the said water bodies shall be left vacant without any activity.
3. The proponent should carry out the quarrying as per the approved mining plan with a bench height of 5m and minimum width of 5m.
4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
6. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
7. The proponent shall necessarily erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. The proponent shall ensure compliance of the conditions imposed in the Precise Area Communication letter and Mine Plan Approval at all times.
9. Sign board of adequate size shall be erected at an appropriate place adjacent to the quarry with necessary information pertaining to the quarry in native language.
10. Greenbelt needs to be developed upto a minimum width of 7.5m along the periphery of the mine area so that at the closure time the trees would have grown well. Geotagged Photograph of the greenbelt grown shall be submitted along with the half yearly compliance report submitted to SEIAA.

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Member Secretary
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11. The proponent shall develop an adequate green belt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
12. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
13. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
14. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
15. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
16. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing green belt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
17. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a 50m minimum width from water body is left vacant without any activity.
18. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
19. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
20. 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.

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21. 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).
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL Clearance.
23. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
24. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
25. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as suggested by the Committee in the CER and furnish the same before placing the subject in SEIAA.

Thanking the Chair, Member Secretary and the Members of SEAC-TN, the 206th meeting of SEAC came to an end at 9.10 PM

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