

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 137th Meeting of the State Expert Appraisal Committee (SEAC) held on 17th October 2019 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects, River Valley Projects- Irrigation projects, Metallurgical industries (ferrous & non ferrous) at Conference Hall, 2nd floor (down), Panagal Maligai, Saidapet, Chennai.

Agenda no: 137 – 01- 01

(File No. 7051 /2019)

Proposed construction of develop a new cornerstone IT park by M/s. Radial IT Park Private Limited at Block – 21, T.S.Nos. 7, 8, 10B, 11/1, 11/2, 12, 13, 14, 15, 16, 17, 18, 19, 20/1, 20/2, 21, 22, 23, 25, 26, 27, 28, 29, 31, 32, 35, 37, 38/1, 38/2, 44, 45/2, 47/1, 47/2, 48/1, 48/2 of Zamin Pallavaram village, Pallavaram Taluk, Chennai District, Tamil Nadu–For Terms of Reference.

(SIA/TN/NCP/ 41390/2019) dated: 20.08.2019

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. M/s. Radial IT park Pvt. Ltd, is planning to develop a new cornerstone IT Park at Block – 21, T.S.Nos. 7, 8, 10B, 11/1, 11/2, 12, 13, 14, 15, 16, 17, 18, 19, 20/1, 20/2, 21, 22, 23, 25, 26, 27, 28, 29, 31, 32, 35, 37, 38/1, 38/2, 44, 45/2, 47/1, 47/2, 48/1, 48/2 of Zamin Pallavaram village, Pallavaram Taluk, Chennai District.
2. The proposed Development will comprise 2 Blocks of G + 10 Floors each with three Common Basement with total Plot area of 51,262.82 Sq.m and total Built-up Area of 2,96,766 Sq.m. The green belt area will be 7832.00 Sq.m which is 15.28% of the total plot area; apart from that, an OSR [Open Space Reservation] area of 5127 Sq.m at 10% of the plot area is identified for gifting to the Greater


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Chennai Corporation for utilizing the same as a park with extensive green belt and open for public.

3. The project envisages an overall population of 29620 inclusive of the prospective regular workers and facility supporting staffs & visitors.
4. Daily freshwater requirement for the project will be 564 kLD, which shall be met through CMWSSB and used only for domestic purposes. The sewage generated after treatment 1096 kLD (including recycled water) out of which 28 kLD will be utilized for green belt; HVAC 357 KLD and flushing 711 kLD. STP shall be based on MBBR technology with advance tertiary filtration in the form of Ultra Filtration and UV disinfection. The treated water quality shall be of superior quality for usage back in HVAC make up and Flushing.
5. Solid waste generation shall be 5.92 MT/Day of which 2.40 MT/Day Bio-degradable wastes will be disposed through organic waste converter of adequate capacity and 3.55 MT/Day of Non-Biodegradable recyclable wastes will be handed over to authorized recyclers. Organic sludge generation of 275 Kg/day from STP shall be mixed along with the organic waste and treated through OWC. E-waste / Battery Waste as generated by prospective tenants shall be advised to dispose the same after securing due authorization and relevant approvals from TNPCB to authorized vendors. Hazardous waste generated from the facility, which is mainly the DG oil to the tune of around 2500 lits / annum, shall be disposed through authorized recyclers as per the provisions of respective rules as prescribed by MoEF&CC / TNPCB.
6. The power required at 15.66 MW shall be sourced through TANGEDCO. 9 numbers of 2000 kVA DG sets are proposed for power back up with exhaust stack routed to the top of the main building through and exhausted at an elevation of 2 m above the roof. The maximum building height is 44.30 m and the exhausts shall be taken to a height of 47 m from the ground level. The DG sets shall be housed


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inside a separate room with wall acoustics done to ensure the noise levels are curtailed and in compliance to CPCB/TNPCB norms.

7. Rainwater harvesting shall be done by harvesting roof top rainwater and collection of surface run-off. Roof top rainwater directed to 5 nos. of 200 kLD rainwater sumps. Surface run-off is diverted to the storm water drain with cross-section@ 1m * 1.5m that will be laid all along the boundary. On line percolation pits shall be made with recharge bore well provisions to ensure maximum percolation of rain water to the ground strata.
8. The total cost of the project is about INR 964.29 crores. The project proposes a CER budget of INR 482 Lakhs for various activities as stipulated by the MoEF& CC vide OM dated: 1st May 2018 and the proposed EMP cost is INR 1545 Lakhs.

The SEAC noted the following:

1. The Proponent, M/s. Radial IT Park Private Limited has applied for Terms of Reference to SEIAA-TN on 21.08.2019 for the proposed construction of develop a new cornerstone IT Park at Block – 21, T.S.Nos. 7, 8, 10B, 11/1, 11/2, 12, 13, 14, 15, 16, 17, 18, 19, 20/1, 20/2, 21, 22, 23, 25, 26, 27, 28, 29, 31, 32, 35, 37, 38/1, 38/2, 44, 45/2, 47/1, 47/2, 48/1, 48/2 of Zamin Pallavaram village, Pallavaram Taluk, Chennai District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 8(b) “Township and area development projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to recommend the proposal for grant of Terms of References (ToR) to SEIAA. The proponent should furnish the details/particulars in respect of the following additional ToR in the EIA report, in addition to the standard ToR:

1. The proposed Development will comprise 2 Blocks of G + 10 Floors each with three Common Basement and project site is located in flood prone area. Hence



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the project proponent may explore the possibility of avoiding the one basement floors (3rd basement).

2. The project proponent shall furnish the Environmental Impact Assessment considering the nearby building projects/industries within 1km
3. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with 3m wide at least but the total green belt area not less than 15% and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
4. The proponent should plan, design and execute the project considering the 2015 flood in such a way that the proposed project does not suffer due to floods.(i.e the construction should be above the 2015 flood level)
5. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
6. Details Solar energy utilization plan shall be furnished.
7. Details of E-waste management plan shall be furnished for the proposed project including quantity of E-waste, area allotted for storage, handling, disposal, etc.
8. The rainwater harvesting plan shall be furnished considering the CPWD manual 2012.
9. Ground water and surface water quality study shall be a part of EIA.
10. The project proponent shall conduct the Hydrological study and evolve a suitable storm water management plan as a part of EIA.
11. The proponent shall furnish the permission/ NOC of water supply from the competent Authority.
12. The proponent shall furnish the gross fixed asset value including the land value and construction cost as per the PWD guidelines.
13. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.



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Agenda no: 137 – 01- 02

(File No. 6632 /2019)

Proposed River Sand Quarrying over an extent of 16.08.0 Ha at S.F. No. 1/A (P), Vanarangudi Village in Bhudhlur Taluk, Thanjavur District District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Terms of Reference.
(SIA/TN/NCP/ 41390/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave detailed presentation. The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:

The Quarry lease was applied in the name of Executive Engineer, Mining and Monitoring Division Thanjavur District, Precise area communication letter was issued by the District Collector, Thanjavur District Vide Letter No. 92/2017/Mines/ dated 22.06.2017. It is a fresh lease for sand Quarry for over an extent of 16.08.0 Ha in S.F. No: 1/A (P) of Vanarangudi Village, Budhalur Taluk, Thanjavur District.

2. Mining Plan approval details :

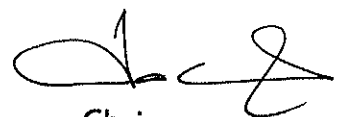

Mining Plan was prepared for the period of Three Years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Thanjavur District Vide letter No. 92 / mines/ 2017 dated 13.06.2018.

3. As per the Department of Geology and Mining, Thanjavur District. Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of should not exceed 2,93,555 M3

- i. For first year - 97,851 m³ of sand.
- ii. For Second year - 97,852 m³ of sand.
- iii. For Third year - 97,852 m³ of sand.


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4. The quarry operation is proposed upto a depth of 1 m (Avg) below the theoretical bed level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)
6. Sand are to be transported by Tipper (10 / 20 T Capacity)
7. The project is locate at 10°53'18.34" N to 10°53'28.89" N latitude and 78°59'09.55" E to 78°59'30.12"E longitude.
8. The total Manpower requirement is 34 Nos.
9. Total cost of the project is Rs. 1,51,93,023/- and EMP Cost about Rs. 5,65,000/-
10. The water table is found to be at the depth of 4 - 5 m below the ground level
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area
13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area as stated in the letter obtained from VAO, Vanarangudi Village, Budhalur Taluk, Thanjavur District. Dated 17.05.2018.




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The SEAC noted the following:


1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for Terms of reference (ToR) in Form-I, Pre- Feasibility report for the River Sand Quarrying over an extent of 16.08.0 Ha at S.F. No. 1/A(P), Vanarangudi Village in Bhudhlur Taluk, Thanjavur District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

1. The details of the location to cover land use and ecologically sensitive areas.
 - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
 - b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .
 - c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
 - d. Agricultural land if any, surrounding the quarry site.
 - e. Details of the longitudinal and cross section of the river bed in the proposed mining area.


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- f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
2. Reclamation of the sand area after mining needs to be submitted.
 3. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
 4. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.
 5. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area .
 6. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
 7. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
 8. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
 9. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
 10. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.
 11. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of


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2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

12. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.
13. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.
19. In addition to following details to be furnished.
 - i. Quantity estimated to be mined through machineries & manual mining with extent.
 - ii. Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.
 - iii. The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
 - iv. The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
 - v. Geological sections Map should be furnished.
 - vi. 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc
 - vii. Adequate plan for traffic management for the loaded vehicles passing through nearby habitation.


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Agenda no: 137 – 01- 03

(File No. 6629 /2019)

Proposed River Sand quarrying over an extent of 11.0 Ha at S.F. No. 198(p), Enathimangalam Village, Thirukoilur Taluk, Villupuram District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Terms of Reference.

(SIA/TN/NCP/ 41390/2019) dated: 20.08.2019

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave detailed presentation. The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:

The Quarry lease was applied in the name of Executive Engineer, Mining and Monitoring Division Villupuram, Precise area communication letter was issued by the District Collector, Villupuram District Vide R.C.No.B/G&M/918/2017/Mines, dated 24.05.2018 It is a fresh lease for sand Quarry for over an extent of 11.00.0 Ha in S.F. No:198(P) of Enathimangalam Village, Tirukoilur Taluk, Villupuram District.

2. Mining Plan approval details :

Mining Plan was prepared for the period of Two Years. The mining plan was got approval from the Deputy/Assistant Director, Department of Geology and Mining, Villupuram District Vide letter No.R.C.No.B/G&M /918/2017/Mines, dated 13.06.2018.

3. As per the Department of Geology and Mining, Villupuram District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of should not exceed 2,46,502 M³


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- i. For first year- 1,23,251 m³ of sand.
 - ii. For Second year -1,23,251 m³ of sand.
4. The quarry operation is proposed upto a depth of 1 m (Avg) below the theoretical bed level.
 5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)
 6. Sand are to be transported by Tipper (10 / 20 T Capacity)
 7. The project is locate at 11°54'26.84" N to 11°54'41.67" N latitude and 79°23'20.28" E to 79°23'38.54"E longitude.
 8. The total Manpower requirement is 14 Nos.
 9. Total cost of the project is Rs. 1,48,27,800/- and EMP Cost about Rs. 3,73,000/-
 10. The water table is found to be at the depth of 6-7m below the ground level
 11. Lease applied area is not covered under HACA region.
 12. No Coastal Regulation zone (CRZ) within the radius of 10 km from the lease area
 13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
 14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
 15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.


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16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 470 m from the lease area.

The SEAC noted the following:

1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for Terms of Reference (ToR) in Form-I, Pre- Feasibility report for the River Sand Quarrying over an extent of 11.0 Ha at S.F. No. 198(p), Enathimangalam Village, Thirukoilur Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

14. The details of the location to cover land use and ecologically sensitive areas.
 - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
 - b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .
 - c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
 - d. Agricultural land if any, surrounding the quarry site.

- e. Details of the longitudinal and cross section of the river bed in the proposed mining area.
 - f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
15. Reclamation of the sand area after mining needs to be submitted.
 16. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
 17. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.
 18. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area .
 19. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
 20. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
 21. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
 22. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
 23. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.


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24. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
25. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.
26. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.
27. In addition to following details to be furnished.
- viii. Quantity estimated to be mined through machineries & manual mining with extent.
 - ix. Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.
 - x. The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
 - xi. The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
 - xii. Geological sections Map should be furnished.
 - xiii. 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc


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Agenda No: 137 – 01- 04

(File No. 7070 /2019)

Proposed River Sand quarrying over an extent of 4.0 Ha at S.F. No. 431(p), Marthandampatti Village, Vilathikulam Taluk, Thoothukudi District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Environmental Clearance.

(SIA/TN/NCP/ 41390/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave detailed presentation. The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:

The Quarry lease was applied in the name of Executive Engineer, Mining and Monitoring Division Thoothukudi District, Precise area communication letter was issued by the District Collector, Thoothukudi District Vide Letter No. GM 1/443/2018/ dated 01.08.2018. It is a fresh lease for sand Quarry for over an extent of 4.00.0 Ha in S.F. No: 431 (P) of Marthandampatti Village, Villathikulam Taluk, Thoothukudi District.

2. Mining Plan approval details :



Mining Plan was prepared for the period of TWO Years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District Vide letter No.GM 1/443/ 2018 /dated 06.09.2018.

3. As per the Department of Geology and Mining, Thoothukudi District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of should not exceed 26,001 M³

i. For first year- 13,000.5 m³ of sand.

ii. For Second year -13,000.5 m³ of sand.

4. The quarry operation is proposed upto a depth of 0.65 m (Avg) above the theoretical bed level.


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5. The Quarry operation is proposed to carry out with open cast manual mining using Spade only.
6. Sand are to be transported by Cart (0.15 Unit)
7. The project is locate at 09°04'49" N to 09°04'58" N latitude and 78°11'38" E to 78°11'48"E longitude.
8. The total Manpower requirement is 26 Nos.
9. Total cost of the project is Rs. 41,79,120/- and EMP Cost about Rs. 2,59,000/-
10. The water table is found to be at the depth of 7-8 m below the ground level
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area
13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area as stated in the letter obtained from VAO, Marthandampatti Village, Vilathikulam Taluk, Thoothukudi District.

The SEAC noted the following

1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for EC for the River Sand Quarrying over an extent of 4.0 Ha at S.F. No. 431(p), Marthandampatti Village, Vilathikulam Taluk, Thoothukudi District, Tamil Nadu,


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

Based on the presentation made by the proponent, the SEAC deferred the project proposal for want of following details:

1. Details of Site selection and how sand quantity was technically assessed and its replenishment.
2. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
3. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
4. Details of the longitudinal and cross section of the river bed in the proposed mining area.
5. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
6. Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 1km from the boundary of the proposed quarry site.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.



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Agenda no: 137 – 01-05

(File No. 7066 /2019)

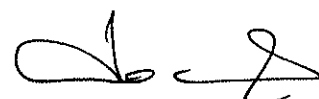

Proposed River Sand quarrying over an extent of 20.00.0 Ha at S.F. No. 782/1(p), Mathirivelur Village in Sirkazhi Taluk, Nagapattinam District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Terms of Reference.

(SIA/TN/NCP/ 41390/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave detailed presentation. The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:
 - a) The Quarry lease was applied in the name of Executive Engineer, Mines and Monitoring Division Thanjavur District, Precise area communication letter was issued by the District Collector, Nagapattinam District Vide Letter No. 392/Mines/2017 Dated 17.05.2018. It is a fresh lease for sand Quarry for over an extent of 20.00.0 Ha in S.F. No:782/1(P) of Mathirivelur Village, Sirkazhi Taluk, Nagapattinam District.
2. Mining Plan / Scheme of Mining approval details :
 - a. Mining Plan was prepared for the period of Two Years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Nagapattinam District Vide letter No.392/Mines/2017 Dated 06.08.2018.
3. As per the Department of Geology and Mining, Nagapattinam District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of should not exceed 4,53,991 M³
 - iv. For first year- 2,26,995.5 M³ of sand.
 - v. For Second year -2,26,995.5 M³ of sand.


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4. The quarry operation is proposed upto a depth of 1 m (Avg) below the theoretical bed level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)
6. Sand are to be transported by Tipper (10 / 20 T Capacity)
7. The project is locate at 11°18'12"N to 11°18'25"N latitude and 79°39'17"E to 79°39'44"E longitude.
8. The total Manpower requirement is 34 Nos.
9. Total cost of the project is Rs. 2,45,60,740/- and EMP Cost about Rs. 3,73,000/-
10. The water table is found to be at the depth of 6-7 m below the ground level
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area
13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area as stated in the letter obtained from VAO, Mathirivelur Village, Sirkazhi Taluk, Nagapattinam District. Dated 19.06.2018
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Nagapattinam Vide Letter R.C. No 392 / mines / 2017, dated 26.08.2019 about


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the details of the quarries (Proposed / Existing / Abanadoned quarries) within a radius of 500 from the boundary of the proposal quarry site as follows.

| Type of Mineral | Proposal quarries | Existing Quarries | Expired quarries | Abandoned Quaarries |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|---------------------|
| Sand | Mathirivelur Sand quarry for over an Extent of 20.00.0 Ha in S.F.No. 782/1 (P) Government land (River Coleroon) in Mathirivelur Village, Sirkazhi Taluk, Nagapattinam District, Tamilnadu. | Nil | Nil | Nil |

The SEAC noted the following.

1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for E in Form-I, Pre- Feasibility report for the River Sand Quarrying over an extent of 20.00.0 Ha at 782/1(p), Mathirivelur Village in Sirkazhi Taluk, Nagapattinam District, Tamil Nadu
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

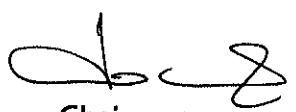
1. The details of the location to cover land use and ecologically sensitive areas.
 - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .


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- b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .
 - c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
 - d. Agricultural land if any, surrounding the quarry site.
 - e. Details of the longitudinal and cross section of the river bed in the proposed mining area.
 - f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
- 2. Reclamation of the sand area after mining needs to be submitted.
 - 3. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
 - 4. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.
 - 5. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area .
 - 6. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
 - 7. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
 - 8. The mining area must be demarcated leaving at least 50m from the river embankment on either side.


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9. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
10. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.
11. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.
13. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018. In addition to following details to be furnished.
 - i. Quantity estimated to be mined through machineries & manual mining with extent.
 - ii. Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.


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- iii. The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
- iv. The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
- v. Geological sections Map should be furnished.
- vi. 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc

Agenda no: 137 – 01-06

(File No. 7063 /2019)

Proposed River Sand quarrying over an extent of 4.88.0 Ha at S.F. No. 523(p), Pullamadai-II Village, R.S. Mangalam Taluk, Ramanathapuram District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Environmental Clearance.

(SIA/TN/NCP/ 41390/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave presentation on the salient features of the project and the prefeasibility aspects. The salient features of the project are as follows:

1. Government order / lease details:
 - b) The Quarry lease was applied in the name of Executive Engineer, Mining and Monitoring Division Madurai District, Precise area communication letter was issued by the District Collector, Ramanathapuram District Vide Letter No.Na.Ka.1419/G&M.1/2018 dated 21.06.2019. It is a fresh lease for sand Quarry for over an extent of 4.88.0 Ha in S.F. No: 523(P) of Pullamadai Village, RS Mangalam Taluk, Ramanathapuram District.

2. Mining plan approval details :


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- b. Mining Plan was prepared for the period of Three Years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Ramanathapuram Vide letter No.1419 / G&M.1/2018. dated 08.08.2019.
3. As per the Department of Geology and Mining, Ramanathapuram District. Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of should not exceed 58,098 M³
- i. For first year- 19,366 m³ of sand and 8134 m³ of sand silt
 - ii. For Second year -19,366 m³ of sand and 8133 m³ of sand silt
 - iii. For Third year – 19,366 m³ of sand and 8134 m³ of sand silt
4. The quarry operation is proposed upto a depth of 1 m (Avg) below the theoretical bed level.
5. The Quarry operation is proposed to carry out with open cast manual method of mining. Sand are to be transported by Bullock cart only(15Cft Capacity)
6. The project is locate at 09°40'7.91" N to 09°40'06.80" N latitude and 78°52'34.23" E to 78°52'37.87"E longitude.
7. The total Manpower requirement is 26 Nos.
8. Total cost of the project is Rs. 37,35,940/- and EMP Cost about Rs. 6,15,000/-
9. The water table is found to be at the depth of 4-5 m below the ground level
10. Lease applied area is not covered under HACA region.
11. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area
12. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
13. No National Park & wild life sanctuary within the radius of 10 km from the lease area
14. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
15. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.


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16. No habitation within the radius of the 300 m from the lease area as stated in the letter obtained from VAO, Pullamadai Village, RS Mangalam Taluk, Ramanathapuram District. Dated 7.08.2018

The SEAC noted the following

1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for EC for the River Sand Quarrying over an extent of 4.88.0 Ha at S.F. No. 523(p), Pullamadai-II Village, R.S. Mangalam Taluk, Ramanathapuram District, Tamil Nadu,
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC deferred the project proposal for want of following details:

1. Details of Site selection and how sand quantity was technically assessed and its replenishment.
2. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
3. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
4. Details of the longitudinal and cross section of the river bed in the proposed mining area.
5. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
6. Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries


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(proposed/Existing/Abandoned quarries) within a radius of 1km from the boundary of the proposed quarry site.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda no: 137 – 01-0 7

(File No. 7117 /2019)

Proposed River Sand Quarrying over an extent of 4.87.5 Ha at S.F. No.254(p) V.Kumaramangalam Village, & 68(p) Gopalapuam Village, Virudhachalam Taluk, Cuddalore District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Environmental Clearance.

(SIA/TN/NCP/ 41390/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave presentation on the salient features of the project. The salient features of the project are as follows:

1. Government order / lease details:

- a. The Quarry lease was applied in the name of Executive Engineer, Mining and Monitoring Division Villupuram, Precise area communication letter was issued by the District Collector, Cuddalore District Vide Rc.No.105/Mines/2018, Dated: 07.04.2018. It is a fresh lease for sand Quarry for over an extent of 4.87.5 Ha in S.F. No:254(P) of V.Kumaramanglam Village & 68(P) of Gopalapuram Village, Virudhachallam Taluk, Cuddalore District.


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2. Mining Plan / Scheme of Mining approval details :
- a. Mining Plan was prepared for the period of Three Years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Cuddalore District Vide letter No.105 / mines/ 2018/dated 07.06.2018.
 - b. As per the Department of Geology and Mining, Villupuram District. Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of should not exceed 48,750 m³
 - a. For first year- 16,250 m³ of sand.
 - b. For Second year -16,250 m³ of sand.
 - c. For Third year – 16,250 m³ of sand.
 4. The quarry operation is proposed upto a depth of 1 m (Avg) below the theoretical bed level.
 5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)
 6. Sand are to be transported by Tipper (10 / 20 T Capacity)
 7. The project is located at 11°28'35.33" N to 11°28'37.55" N latitude and 79°23'10.16" E to 79°23'34.92"E longitude.
 8. The total Manpower requirement is 14 Nos.
 9. Total cost of the project is Rs. 25,03,250/- and EMP Cost about Rs. 3,50,000/-
 10. The water table is found to be at the depth of 6 m below the ground level
 11. Lease applied area is not covered under HACA region.
 12. No Coastal Regulation zone (CRZ) within the radius of 10 km from the lease area


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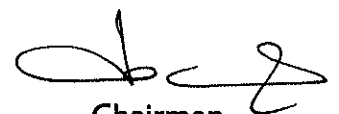


13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 500 m from the lease area as stated in the letter obtained from VAO, V.Kumaramangalam Village and Gopalapuram Village, Virudhachalam Taluk, Cuddalore District.
Dated.26.07.2019.

The SEAC noted the following

1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for EC for the River Sand Quarrying over an extent of 4.87.5 Ha at S.F. No.254(p) V.Kumaramangalam Village, & 68(p) Gopalapuram Village, Virudhachalam Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC deferred the project proposal for want of following details:

1. Details of Site selection and how sand quantity was technically assessed and its replenishment.


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2. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
3. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
4. Details of the longitudinal and cross section of the river bed in the proposed mining area.
5. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
6. Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 1km from the boundary of the proposed quarry site.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 6) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda no: 137 – 01-08

(File No. 6610 /2019)

**Proposed River Sand quarrying over an extent of 20.00.0 Ha at S.F. No. 242(p) Arumparthi Village in Katpadi Taluk, Vellore District, Tamil Nadu by M/s. The Executive Engineer, PWD/WRD- For Terms of Reference.
(SIA/TN/NCP/ 41390/2019)**

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave presentation on the salient features of the project. The salient features of the project are as follows:


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1. Government order / lease details:

The Quarry lease was applied in the name of Executive Engineer, Mining and Monitoring Division Vellore District; Precise area communication letter was issued by the District Collector, Vellore District Vide Letter No. 428/2017/Mines/ dated 25.22.2017. It is a fresh lease for sand Quarry for over an extent of 20.00.0 Ha in S.F. No: 242 (P) of Arumparuthi Village, Katpadi Taluk, Vellore District.

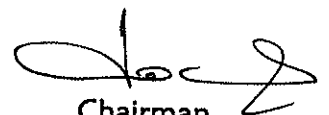

2. Mining Plan approval details :

Mining Plan was prepared for the period of One Year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Vellore District Vide letter No. 428/ 2017(Mines) dated 05.03.2018.

3. As per the Department of Geology and Mining, Vellore District. Mining Plan approval for the 1 years, the production schedule for 1 year states that the total quantity of should not exceed 2,00,000 m³

For first year - 2, 00,000 m³ of sand.

4. The quarry operation is proposed upto a depth of 1 m (Avg) below the theoretical bed level.
5. The Quarry operation is proposed to carry out with open cast manual mining (Without drilling and blasting)
6. Sand are to be transported by Tractor
7. The project is locate at 12°57'24.96"N to 12°57'20.25"N latitude and 79°12'54.63"E to 79°12'21.80"E longitude.
8. The total Manpower requirement is 34 Nos.
9. Total cost of the project is Rs. 1,93,000/- and EMP Cost about Rs. 2,75,000/-
10. The water table is found to be at the depth of 4 - 5 m below the ground level


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11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area
13. No interstate boundary & western Ghats Boundary within the radius of 5 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area as stated in the letter obtained from VAO, Arumparuthi Village, Katpadi Taluk, Vellore District.

The SEAC noted the following

1. The proponent, M/s. The Executive Engineer, PWD/WRD, submitted application for Terms of Reference (ToR) in Form-I, Pre- Feasibility report for the River Sand Quarrying over an extent of 20.00.0 Ha at S.F. No. 242(p) Arumparathi Village in Katpadi Taluk, Vellore District, Tamil Nadu
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After the presentation made by the proponent, the SEAC felt sand mining in the Palar River has been mined out maximum extent .Hence the committee strongly opinioned that this river may have unsustainable Environmental Impact. Hence the proponent may considered for avoiding the sand mining in the River Palar .


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Agenda No: 137-01-09

(File.No:7056/2019)

Proposed Grey Granite quarry over an Extent of 1.72.0 Ha in S.F.No.418/3,4,5,6,7,8,9, 12,13,421/1,2,3,4A,4B,5, 6,7,8,12A,12B at Baleguli 2 Village, Krishnagiri Taluk, Krishnagiri District, by Thiru. C. R. Tamilvanan-For Environmental Clearance.

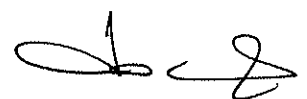
(SIA/TN/MIN/40940/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave presentation on the salient features of the project. During presentation, it was noted that the project falls in the District of Krishnagiri .

Based on the presentation made by the proponent, the SEAC found that the salient feature of the project presented by the NABET accredited consultant was found to be irrelevant and spurious. Few examples are furnished below:

In the slide No 6.

- i) In the salient feature S.no. 4 the nearest town/city has mentioned as *"Aruppukottai town located at 9.29 km, Madurai city located at 36.34 km & Virudhunagar District located at 18.02 km."*
- ii) In the salient feature S.no. 5 - Nearest highway – *"NH-38 (4 lane highway) – madurai – Thoothukudi road – 0.7 km & SH -184 – virdhunagar – kalkurichi road - 0.5 "*
- iii) In the salient feature S.no. 6 – Nearest railway station – *"Aruppukottai Railway Station – 8.22 km".*
- iv) *Nearest airport – "Madurai Air port – 27.04 km"*



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The above proposal is submitted for the Krishnagiri District. But, the NABET consulted presented the detail for the Madurai District

Many slides are prepared only cut and paste and the data furnished are related to the other District .Hence the committee warned the consultant. This is also raise the question that whether the site visit & data collection done by consultant or not. Thus the credibility of the consultant is question.

Hence the SEAC deferred the proposal and called for fresh presentation during forthcoming SEAC meeting.



Agenda No: 137-01-10

(File.No: 7115/2019)

Proposed reconstruction of 1387 multistoried TNGRHS Flats at S. No. T.S.No 1, 4 Part in Block-22 and T.S.No 1 in Block 30 at Tod Hunter Nagar, Government Farm Village, Guindy Taluk Chennai District by M/s Tamil Nadu Housing Board– Environmental Clearance

The proposal was placed in this 137th SEAC Meeting held on 17.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 13°1'18.09"N to 13°1'26.99"N latitude and 80°13'57.67"E to 80°13'47.47"E longitude.
2. The total land area is 26,795.46 Sq.m, total built up area of 1, 02,657.00 Sq.m. The project will comprise of 9 Blocks with S+19 floors each.
3. During operation phase, total water demand of the project is expected to be 962 kLD and in which 628 kLD will be sourced from CMWSSB for Domestic water requirement. Quantity of Grey water and Sewage generated of 565 KLD and 335 KLD will be treated in 570 KLD Grey water Treatment Plant and 340 KLD Sewage


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Treatment Plant. Out of treated Grey water 319 KLD for Toilet Flushing and the remaining 218 kLD with treated sewage 332 KLD will be utilized for Green belt Development (15 kLD) and Watering road side trees & OSR Development (535 kLD).

4. About 3606 kg/day solid wastes will be generated in the project. The biodegradable waste (1442 kg/day) will be processed in OWC and the non-biodegradable waste generated (2164 kg/day) will be handed over to authorized recycler. The STP Sludge generated (43 kg/day) will be used as manure for green belt area.
5. The total power requirement during operation phase is 4,740 kvA and will be met from Tamil Nadu Generation & Distribution Corporation Ltd.
6. Rooftop rainwater of buildings will be collected Rainwater collection sumps of 438 cu.m capacity.
7. Parking facility of 1534 Nos for Two Wheeler and 378 Nos for Four Wheeler will be provided.
8. Cost of the project is Rs. 403.91 Crores.

The SEAC noted the following:

- a) The Proponent, M/s Tamil Nadu Housing Board has applied for Environmental Clearance for the proposed reconstruction of 1387 multistoried TNGRHS Flats at S. No. T.S.No 1, 4 Part in Block-22 and T.S.No 1 in Block 30 at Tod Hunter Nagar, Government Farm Village, Guindy Taluk Chennai District , Tamil Nadu
- b) The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.


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After the detailed presentation and perusal of the details furnished by the proponent, the SEAC directed the proponent to furnish following details so as the SEAC would further deliberate on this project and decide the further course of action.

1. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with 3m wide at least and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
2. Copy of the Demolish permission letter obtained from the competent Authority shall be furnished.
3. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
4. Details of traffic studies conducted and the impact on the proposed project on the existing traffic shall be furnished.
5. In the STP component the project proponent has mentioned one filter only (Sand filter). Hence, SEAC insist the project proponent may explore the possibility of providing Pressure sand Filter and UV system for the effective treatment of the Sewage to be generated from the project activity.
6. During presentation the proponent has informed that 319 kLD of the Grey water will be treated in 570 KLD Grey water Treatment Plant to generate 335 kLD. Hence, the input quantity and output quantity does not match and the water balance has to be revised.
7. The proposal for CER should be furnished with time frame as per Office Memorandum vide F.No.22-65/2017-IA-III dated MoEF & CC dated 01.05.2018.
8. As per the Form IA furnished by the project proponent the proposed project site partly categorized under primary Residential use zone and other part classified as open space and recreational use zone by CMDA. Hence, the project proponent is


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requested to submit the land use reclassification from the competent Authority from open space and recreational use zone to permissible activity as per the proposal.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 8) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Further, the AAQ survey reported presented during the meeting with respect to PM_{2.5}, PM₁₀ and others found to be incorrect. Hence, the project proponent was requested to conduct the AAQ survey at the time of site inspection by the sub-committee constituted by the SEAC.

Agenda No: 137-01-11

(File. No: 6607/2019)

Proposed Plan Revision and Amendment in Residential Group Development at S. No. 445/2D3, 446/3, 447/1B,2A, 451/1,2,3, 452/1, 2A1, 2B, 2A2, 453/1A, 3C, 547/4A, 5,6, 548/2, 551/1,2,3,4,5,6A,7A,8,552/3,4A, 5,553/1, 2, 554/1, 555/1A, 572, 573/1, 574/1, 2A, 575/1, 2A, 575/1, 2A, 576 in Padur Village, Thiruporur Taluk, Kanchipuram district, By M/s. Urbanrise Constructions LLP – For Terms of Reference.

(SIA/TN/NCP/27113/2018)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 12°47'55.80"N, 80°13'7.62"E.


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2. Comprises of Block A, B, C: combined double basement + Stilt + 19 floors (Block A: 1st floor - Partly commercial); Block D: stilt + 19 floors; Block E, F, G, H: Basement + Stilt + 19 floors; Block I: Club house - G + 3 floors.
3. The revised built up area is 296818 Sq.m with the dwelling unit of 4158 nos in the land area of 52204.49 Sqm
4. The green belt area proposed for the project is 7853 Sq. m (15% of total land area).
5. The daily fresh water requirement is 1883 KLD to be sourced from Thiruporur Panchayat Union.
6. 1693KLD of grey water will be let into the grey water treatment system (1700 kLD). After grey water treatment, 1607 kLD of treated water will be generated, out of which 955 will be used for flushing , 27 kLD for gardening and 18kLD for OSR.
7. Black water generated from Flushing (955 KLD) is treated in the STP of 1000 kLD. Treated grey water of 607 kLD and Treated wastewater of 907 kLD; total 1514 kLD and will be discharged to nearby padur lake after obtaining permission from PWD as water recharge measures
8. The bio degradable solid waste (6.456 T/day) will be treated in OWC machine and the manure generated will be used for landscaping purpose within project site. The non bio degradable solid waste (4.304 T/day) will be handed over to Authorized recyclers.
9. The Total power requirement is 14600KVA and proponent is proposed to install 3 Nos x 625 KVA, 1 No x 500 KVA Capacities.

The SEAC noted the following:

1. The Proponent, M/s. Urbanrise Constructions LLP has applied for EC to SEIAA-TN on 30.05.2019 for the Proposed Plan Revision and Amendment in Residential Group Development at S. No. 445/2D3, 446/3, 447/1B,2A,


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451/1,2,3, 452/1, 2A1, 2B, 2A2, 453/1A, 3C, 547/4A, 5,6, 548/2, 551/1,2,3,4,5,6A,7A,8,552/3,4A, 5,553/1, 2, 554/1, 555/1A, 572, 573/1, 574/1, 2A, 575/1, 2A, 575/1, 2A, 576 in Padur Village, Thiruporur Taluk, Kanchipuram district.

2. The project/activity is covered under Category “B” of Item 8(b) “Township and area development projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to recommend the proposal grant of Terms of References (ToR) to SEIAA. The proponent should furnish the details/particulars in respect of the following additional ToR in the EIA report, in addition to the standard ToR:

1. The project proponent shall furnish the Environmental Impact Assessment considering the nearby projects.
2. The details of flood management plan shall be furnished considering the project site and the surrounding area.
3. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
4. Detail Solar energy utilization plan shall be furnished.
5. The rainwater harvesting plan shall be furnished considering the project site and the surrounding area.
6. Ground water and surface water quality study shall be a part of EIA.
7. Inundation certificate shall be furnished from the PWD for the project site.
8. The project proponent shall conduct the Hydro geological study as a part of EIA.
9. The proponent shall furnish the permission/ NOC of water supply from the competent Authority.
10. The proponent shall furnish the permission/ NOC for disposal of treated sewage to the Padur lake.


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Agenda No: 137-01-12

(File. No: 7119/2019)

Proposed Construction of 73 Nos. of Residential Villas at T.S. No. 43, 44 & 46 (S.F. No. 82, 83 & 84), Sowripalayam Village, Coimbatore South Taluk, Coimbatore District by M/s. Foundation One Infrastructures Private Limited– For Environmental Clearance (SIA/TN/NCP/115424/2019) Dated: 10.09.2019

The proposal was placed in the 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 11°00'07.84"N - 11°00'11.28"N latitude and 77°00'27.96"E - 77°00'28.70"E longitude.
2. The total plot area is 42,643.90 Sq.m, FSI area is 0.612 and total construction area of 30,085.15 Sq.m. The project will comprise of 73 villas (G+1, G+2) and a club house (G+2). Maximum height of the building is 9 m.
3. During construction phase, total water requirement is expected to be 25 KLD which will be met by Private Water Suppliers. During the construction phase, the wastewater generated will be treated in the septic tanks with dispersion trenches. Temporary sanitary toilets will be provided during peak labour force.
4. During operational phase, total wastewater generation of the project is about 93 KLD. About 33 KLD of Black water from toilets will be treated in proposed STP having capacity of 40 KLD and 60 KLD of grey water from bathroom & kitchen will be treated through grey water treatment plant of 60 KLD. The part of treated grey water of about 31 KLD will be reused for toilet flushing. The remaining quantity of treated grey water of 29 KLD along with treated black water of 33 KLD will be used for greenbelt development (25 KLD) and avenue plantation (37 KLD).


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5. About 284 kg/day solid wastes will be generated in the project. The biodegradable waste (170 kg/day) will be processed in OWC and the non-biodegradable waste generated (114 kg/day) will be handed over to recyclers. About 10 kg/day of STP sludge will be utilised as manure after composting.
6. The total power requirement during operation phase is 960 KVA and will be met from Tamil Nadu Generation & Distribution Corporation Ltd.
7. Parking facility of 3700 Sq.m is provided for 296 cars.
8. Proposed energy saving measures would save about 10.5% of power.
9. Cost of project is Rs. 59 Crores.

The SEAC noted the following:

1. The Proponent, M/s. Foundation One Infrastructures Private Limited, has applied for Environmental Clearance to SEIAA-TN vide ((SIA/TN/MIS/107902/2019) dated 12.06.2019 for the Proposed Construction of 73 Nos. of Residential Villas at T.S. No. 43, 44 & 46 (S.F. No. 82, 83 & 84), Sowripalayam Village, Coimbatore South Taluk, Coimbatore District .
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

After the detailed presentation and perusal of the details furnished by the proponent, the SEAC directed the proponent to furnish following details so as the SEAC would further deliberate on this project and decide the further course of action.

1. The proponent shall furnish the permission/ NOC of water supply from the competent Authority.
2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with


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3m wide at least and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.

3. The proponent shall furnish the gross fixed asset value including the land value and construction cost as per the PWD guidelines.
4. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.

Based on the details submitted by the proponent as stated above, the SEAC would further deliberate on this project and decide the further course of action.

Agenda No: 137-01-13

(File No. 6968/2019)

Proposed Rough stone and Gravel Quarry lease over an extent of 2.21.0ha in S.F.No. 180/1B at Ganapathipalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by Thiru.K.Shanmuga Sundaram – For Environmental Clearance.

(SIA/TN/MIN/36593/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The quarry lease was applied in the name of Thiru. K. Shanmuga Sundaram, Precise Area Communication was issued by the District Collector, Tiruppur vide R.c.No.263/Mines/2018, Dated: 25.06.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel Quarry lease over an extent of 2.21.0ha in S.F.No. 180/1B at Ganapathipalayam Village, Kangayam Taluk, Tiruppur District.



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2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of Five years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Tiruppur District vide Rc.No.263/Mines/ 2018, Dated: 26.07.2018.

3. As per the Department of Geology and Mining, Tiruppur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,57,930m³ and Gravel should not exceed 35,284m³

| | |
|-----------------|--------------------------------------------------------------------------|
| For First year | - 51,780m ³ of Rough stone and 26,434m ³ of Gravel |
| For Second year | - 51,250m ³ of Rough stone and 8,850m ³ of Gravel |
| For Third year | - 52,200m ³ of Rough Stone |
| For Fourth Year | - 52,300m ³ of Rough Stone |
| For Fifth Year | - 50,400m ³ of Rough Stone |

4. The quarry operation is proposed up to a depth of 28m (3m Gravel and 25m Rough stone) below ground level.
5. The Quarry operation is proposed to carry out with open cast mechanized mining with 5.0m vertical bench and width.
6. Rough stone are to be transported by Dumpers of 2 Nos. (20 T Capacity).
7. The project is locate at 11°04'43.63"N to 11°04'49.49"N latitude and 77°29'01.71"E to 77°29'07.54"E Longitude.
8. The total Manpower requirement is 24 Nos.
9. Total cost of the projects is Rs. 62.38 lakhs and EMP cost about Rs. 3.80 lakhs.
10. The Water table is found to be at the depth of 50-45m below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.


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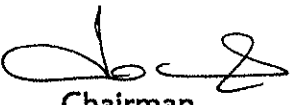

14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
16. No habitation within the radius of the 300m from the lease area.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter RC. No. 263/Mines/2018 dated 04.07.2019, informed that, "There are no mineral quarries situated within a radial distance of 500 meters from the applied fields".

The SEAC noted the following:

1. The Proponent, Thiru.K.Shanmuga Sundaram has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone and Gravel Quarry lease over an extent of 2.21.0 Ha in S.F.No. 180/1B at Ganapathipalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.



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

1. Ground water quality monitoring should be conducted every Six months and the report should be submitted to TNPCB.
2. Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries


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(proposed/Existing/Abandoned quarries) within a radius of 1km from the boundary of the proposed quarry site.

3. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
4. It was noted from Plate No.II that proponent has already carried out the mining activity that in the leased area. Hence, it is requested that furnish the following details from AD, mines
 - a) What was the period of the operation and stoppage of the earlier mines?
 - b) Quantity of minerals mined out.
 - c) Depth of mining
5. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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.
9. 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).


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10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF& CC, GOI, New Delhi.
11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
12. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
13. The CER amount of Rs. 1.32 Lakhs shall be spent for CER activities to be carried out for providing Developing RO Drinking Water facilities for the nearby Ganapathipalayam Government School as committed as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No: 137-01-14

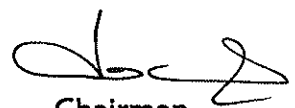

(File No. 7057/2019)

Proposed Rough stone and Gravel quarry over an Extent of 1.85.5Ha in S.F.Nos. 655 at Therkkukaraseri Village, Srivaikundam Taluk, Thoothukudi District by Tmt.D.Jothi – For Environmental Clearance.

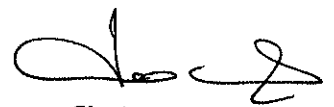

(SIA/TN/MIN/36593/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of Tmt.D.Jothi, Thoothukudi, Precise Area Communication was issued by the District Collector, Thoothukudi vide Rc.No.363/2017 (G&M) Dated: 01.08.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an Extent of 1.85.5Ha in S.F.No. 655 at Therkkukaraseri Village, Srivaikundam Taluk, Thoothukudi District.


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2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide Rc.No.363/2017 (G&M) Dated: 17.07.2019.
3. As per the Department of Geology and Mining, Thoothukudi District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,21,655 m³.
 - a. For First year - 44,875 m³ of Rough stone & 7,176 m³ of Gravel
 - b. For Second year - 42,830 m³ of Rough stone & 3,750 m³ of Gravel
 - c. For Third year - 45,600 m³ of Rough stone & 3,750 m³ of Gravel
 - d. For Fourth year - 45,600 m³ of Rough stone & 3,750 m³ of Gravel
 - e. For Fifth year - 42,750 m³ of Rough stone & 3,750 m³ of Gravel
4. The quarry operation is proposed upto a depth of 32m Rough stone.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0 m vertical bench and width.
6. Rough stone are to be transported by Tippers of 1 Nos. (10 M. T Capacity).
7. The project is locate at 08° 36' 31.62" to 08° 36' 37.56"N latitude and 77° 48' 19.05" to 77° 48' 24.84"E Longitude.
8. The total Manpower requirement is 10 Nos.
9. Total cost of the projects is Rs. 2.35 lakhs and EMP cost about Rs. 1.17 lakhs
10. The Water table is found to be at the depth of 40m in summer and 45m in rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10 km from the lease area.


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14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Therkkukaraseri Village, Srivaikundam Taluk, Thoothukudi District dated 02/08/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 363/2017(G&M) dated 01.08.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone & Gravel quarry as follows.

1) Existing other quarries:

| S. No. | Name of the lessee / Permit Holder | Village & Taluk | S. F. No. | Extent |
|--------|---------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------|--------|
| 1. | Thiru.Krishnan S/o.Thiru.Karunakaran, West Car Street, Thenthiruperai Village, Thiruchendur | Therkkukaraseri village,Srivaikundam | 652/1 and 652/3 | 2.31.0 |

2) Proposed Area:

| S. No. | Name of the applicant | Village & Taluk | S. F. No. | Extent |
|--------|----------------------------------------------------------|-----------------------------------------|-----------|--------|
| 1. | Tmt.D.Jothi, W/o.Shri Vargeese, 1076,Roy Building, | Therkkukaraseri village,Srivaikundam | 655 | 1.85.5 |


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| | | | | |
|--|-------------------------------------------------------------|--|--|--|
| | Rajakkapalayam Road, Ramanputhur Village, Nagerkovil. | | | |
|--|-------------------------------------------------------------|--|--|--|

3) **Lease Expired:**

| S. No. | Name of the Lessee / Permit Holder | Village & Taluk | S. F. No. | Extent | Lease period |
|--------|------------------------------------|-----------------|-----------|--------|--------------|
| | NIL | | | | |

The Total extents of the Existing / Proposed quarries are 4.16.5 Ha.

The SEAC noted the following:

1. The Proponent, Tmt.D.Jothi has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone and Gravel quarry over an Extent of 1.85.5 Ha in S.F.No. 655 at Therkkukaraseri Village, Srivaikundam Taluk, Thoothukudi District.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

1. The proponent shall furnish the road map for transporting trucks coming out from mining site along with dust compression system for vehicular movement.
2. Detail of Mine closure plan should be submitted.
3. The detail of the air quality data, fugitive emission & water quality of ground water data furnished during the meeting was found to be incorrect. Hence, request to furnish the above data correctly.


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4. Details of open well present within 500 meter from the project site and depth of the open well shall be furnished.

5. It was noted from Google image that proponent has already carried out the mining activity that in the leased area. Hence, it is requested that furnish the following details from AD, mines

- a) What was the period of the operation and stoppage of the earlier mines?
- b) Quantity of minerals mined out.
- c) Depth of mining

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

Agenda No: 137-01-15

(File No. 7157/2019)

Proposed Rough stone quarry lease over an extent of 2.13.5ha in S.F.No: 135 Puliampatti Village, Palani Taluk and Dindigul District, Tamil Nadu by Tvl. KNR Constructions Limited, Dindigul – For Environmental Clearance.

(SIA/TN/MIN/43783/2019)

The proposal was placed in the 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Tvl. KNR Constructions Limited, Dindigul, Precise Area Communication was issued by the District Collector, Dindigul vide Rc.No.549/2019 (Mines), Dated: 06.09.2019 for a period of 11 Months. It is a fresh lease for Rough stone quarry over an extent of 2.13.5ha in S.F.No: 135 Puliampatti Village, Palani Taluk and Dindigul District.


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2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 11 Months. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Dindigul District vide Rc.No.549/2019 (Mines), Dated: 17.09.2019.

3. As per the Department of Geology and Mining, Dindigul District. Mining Plan approval for the 11 Months, the production schedule for 11 Months states that the total quantity of Rough stone should not exceed 1,17,017m³, weathered rock formation should not exceed 7,452.5m³ and Topsoil should not exceed 7,684.5m³.

For Eleven months - 1,17,017m³ of Rough stone, 7,452.5m³ of weathered rock and 7,684m³ of Topsoil.

4. The quarry operation is proposed upto a depth of 10m (0.5m Topsoil + 0.5m weathered formation + 9m Rough stone) below ground level.
5. The overburden is the form of top soil (7,684m³) and weathered formation (7,452.5m³) will be removed and preserved all along the boundary barrier to facilitate the Green belt development and afforestation.
6. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
7. Rough stone are to be transported by Tippers of 3 Nos. (20 T Capacity).
8. The project is locate at 10°30'36.75"N to 10°30'44.62"N latitude and 77°32'08.54"E to 77°32'14.42"E Longitude.
9. The total Manpower requirement is 35 Nos.
10. Total cost of the projects is Rs. 3.0196 Crore and EMP cost about Rs. 0.76 lakhs.
11. The Water table is found to be at the depth of 50m - 55m below the ground level.
12. Lease applied area is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.


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14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Puliampatti Village, Palani Taluk and Dindigul District dated 13.09.2019.
18. Letter obtained from the Deputy Director, Department of Geology and Mining, Dindigul vide Letter RC. No. 549/2019 (Mines), dated 17.09.2019, informed that the Details of proposed, existing, abonded, expired, present proposed and future proposed quarries located within 500 meters from the boundary of the applied area of patta land over an extent 2.13.5 hec in SF. No. 135 of Puliampatti Village, Palani Taluk and Dindigul District are given below.

| Sl. No. | Name of the quarry owner | Name of the village & survey Number | Extent (in Hects) | Remarks |
|-------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------|--------------------------------|
| a. Existing quarries | | | | |
| 1. | V. Soundarapandiyan, S/o. Velusamy, No. 33/2, Puliampatti, Palani Taluk, Dindigul District | Puliampatti S.F. No. 160/6 (P) B-2(W) | 0.62.0 | 26.10.2015 to 25.10.2020 |
| b. Expired quarries | | | | |
| 1. | S. Ayyappan, S/o. Singaram, Palani Taluk Dindigul District | Puliampatti, SF. No. 160/6 (P) B-1 | 1.62.5 | Expired |
| C. Present Proposed quarries | | | | |
| 1. | Tvl. KNR Constructions Ltd., Puliampatti Village, | Puliampatti, SF. No. 135 | 2.13.5 | Applied area (Rough stone) |

| | | | | |
|------------------------------------|---------------------------------------------------------------------|------------------------------------------|--------|-------------------------------|
| | Palani Taluk, Dindigul District | | | |
| 2. | S. Ayyappan, S/o. Singaram, Palani Taluk Dindigul District | 160/3,4,5, 159/1, 132/2B, 131/1C2 (P) | 1.90.5 | Applied area (Rough stone) |
| d. Future proposed quarries | | | | |
| | Nil | Nil | Nil | Nil |

The SEAC noted the following:

1. The Proponent, Tvl. KNR Constructions Limited has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone quarry lease over an extent of 2.13.5 Ha in S.F.No: 135, Puliyampatti Village, Palani Taluk and Dindigul District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

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


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4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported.
11. The CER amount of Rs. 6.055 Lakhs shall be spent for CER activities to be carried out for providing Development and Plantation will be carried out in the village road also providing solar lamp facilities to the puliyampatti village as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.



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Agenda No: 137-01-16

(File No. 6776/2019)

Environmental Clearance for the Athikadavu – Avinashi Scheme as Irrigation, Groundwater recharge and drinking water supply scheme in Coimbatore, Tiruppur and Erode Districts by pumping in the state of Tamil Nadu – For Environmental Clearance.

(SIA/TN/NCP/34443/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The scheme is proposed to feed 1,048 nos. of water bodies (Tanks/Ponds/Check dams) in Erode, Tiruppur and Coimbatore Districts which covers Perundurai, Chennimalai, Nambiyur, Gobi, Bhavanisagar, Uthukuli, Avinashi, Tiruppur, Annur, Sulur, Sarkar Samakulam, Periyanaickenpalayam and Kramadai blocks.
2. Administrative Sanction for the scheme was accorded by the TN Government vide G.O.(Ms.) No.84 Public Works (I. Spl. 2) Department Dated: 28.03.2018.
3. The Culturable Command Area (CCA) of the scheme is 24,468 acres (9,902 ha) and the details of CCA is as follows:

| District Name | Area benefited (ha) |
|---------------|---------------------|
| Erode | 3,548 |
| Tiruppur | 3,299 |
| Coimbatore | 3,055 |
| Total | 9,902 |

4. The water required for the scheme is 1.5 TMC which will be sourced from Bhavani River at 230 m downstream of existing Kalingarayan Anicut.
5. The details of water bodies are as follows:

| Name of District | No. of Tanks/Ponds | | | |
|------------------|--------------------|------------|------|-------|
| | PWD Tank | Union Tank | Pond | Total |
| Erode | 6 | 10 | 343 | 359 |
| Tiruppur | 21 | 22 | 386 | 429 |
| Coimbatore | 5 | 10 | 245 | 260 |
| Total | 32 | 42 | 974 | 1,048 |

6. The scheme is proposed by pumping through pipelines of 1,058 Km which includes the raising main of 103.17 Km.
7. MS Pipe and HDPE Pipe materials will be used for laying the pipelines.
8. The diameter of pipe varies from 50 mm to 2,226 mm.
9. There are 6 nos. of pump house is proposed for pumping and the details are given below:

| Pump House | Survey No. | Extent in acres | Village | Taluk | District |
|------------|----------------|-----------------|---------------------|------------|------------|
| PH1 | Head Work | 3.00 | Bhavani | Erode | Erode |
| PH2 | 2 | 2.47 | Nallagoundampalayam | Erode | Erode |
| PH3 | 194/2 | 2.28 | Thiruvachi | Perundurai | Erode |
| PH4 | 190/2A | 2.29 | Polanaickampalayam | Perundurai | Erode |
| PH5 | 875 | 2.65 | Emmaampoondi | Nambiyur | Erode |
| PH6 | 306/33 & 307/2 | 1.29 | Annur | Annur | Coimbatore |

10. The Vertical Turbine Pumps are proposed to lift the water at all pump house.

11. The total power requirement of the scheme is 32.35 MW which will be sourced through TNEB power supply.

12. The total cost of project is Rs. 1,652 Crores.

The SEAC noted the following:

1. The Proponent, Thiru. S.Subramanian has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone Quarry lease over an extent of 1.49.0ha in S.F.Nos. 282/2B, at Nattarmangalam Village of Alathur Taluk, Perambalur District, , Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(c) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

1. The proponent shall submit the copy of approved DPR (in colour pages legible printout).
2. Rainfall data for 15 years along with hydrology report
3. Details of animal corridor, wild life, forest land in the alignment of pipelines/nearby features.
4. Risk analysis of for the pipeline network.
5. Standard Operating Procedure for operation of pumps
6. Status of NOC from Railway department and Highway department.
7. Plan towards compensation working and fund allocation for the private lands in the alignment.
8. Detailed calculation of Benefit Cost Ratio.


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9. Detailed calculation of command area under the scheme (undertaking shall be submitted for the command area).
10. Detailed Environment Management Plan (on Water Environment, Air Environment, Noise Environment, Flora & Fauna – no. of trees affected/under cutting, Occupational Health & Safety).

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 10) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No: 1 -17

(File No. 7004/2019)


Proposed Rough stone Quarry lease over an extent of 1.49.0ha in S.F.Nos. 282/2B, at Nattarmangalam Village of Alathur Taluk, Perambalur District, Tamil Nadu by Thiru. S.Subramanian, Perambalur – For Environmental Clearance.

(SIA/TN/MIN/39663/2019) dated 20.07.2019

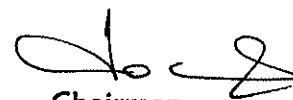

The proposal was placed in the 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru. S.Subramanian, Perambalur, Precise Area Communication was issued by the District Collector, Perambalur vide Rc.No.255/G&M/2017 Dated 28.12.2018 for a period of 5 years. It is a fresh lease for Rough stone quarry over an extent of 1.49.0ha in S.F.Nos. 282/2B, at Nattarmangalam Village, Alathur Taluk, Perambalur District.


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2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of Five years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Perambalur District vide Rc. No. 255/G&M/2017 dated 21.01.2019.
3. As per the Department of Geology and Mining, Perambalur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone at the rate of 95% recovery should not exceed 1,43,237m³
 - a. For First year - 39,430m³ of Rough stone and 5,502m³ of Topsoil
 - b. For Second year - 33,564m³ of Rough stone
 - c. For Third year - 28,172m³ of Rough Stone
 - d. For Fourth Year - 23,256m³ of Rough Stone
 - e. For Fifth Year - 18,815m³ of Rough Stone
4. The Total Quantity of Mineral reject at 5% will be 7,538m³ and it will be proposed to dump on Northern side with dimension of 30m x 23m x 10.9m (h). The quantity of Topsoil will be 5,502 and it will be proposed to dump on Northern side with dimension of 43.0m x 28.0m x 4.56m (h).
5. The quarry operation is proposed up to a depth of 26m (1m Topsoil and 25m Rough stone) below ground level.
6. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
7. Rough stone are to be transported by Tippers of 3 Nos. (10 MT Capacity).
8. The project is locate at 11°07'21.54"N to 11°07'26.38"N latitude and 78°47'38.41"E to 78°47'43.88"E Longitude.
9. The total Manpower requirement is 18 Nos.
10. Total cost of the projects is Rs. 33.50 lakhs and EMP cost about Rs. 3.50 lakhs.
11. The Water table is found to be at the depth of 45-40m below the ground level.


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12. Lease applied area is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
18. No habitation within the radius of the 500m from the lease area as stated in the letter obtained from VAO, Nattarmangalam Village, Alathur Taluk, Perambalur District dated 09.07.2019.
19. Letter obtained from the Deputy Director (i/c), Department of Geology and Mining, Perambalur vide Letter RC. No. 255/G&M/2017, dated 07.02.2019, furnished the details of existing quarries situated within 500 mts radial distance from the subject mines. Hence, the details are furnished as follows:

Details of existing mine:

| Sl. No. | Name of the Lessee/Applicant | Taluk & Village | S.F.Nos | Extent (In Hect) | Mineral | Lease Period |
|---------|------------------------------|-----------------|---------|------------------|---------|--------------|
| NIL | | | | | | |

Details of Lease period expired/abandoned mine:

| Sl. No. | Name of the Lessee/Applicant | Taluk & Village | S.F.Nos | Extent (In Hect) | Mineral | Lease Period |
|---------|------------------------------|-----------------|---------|------------------|---------|--------------|
| | | | | | | |

NIL

Details of Proposed Mine:

| Sl. No. | Name of the Lessee/Applicant | Taluk & Village | S.F.Nos | Extent (In Hect) | Mineral | Lease Period |
|---------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------|------------------|-------------|--------------|
| 1. | Thiru.S.Subramaniam, S/o. Thiru.Sengamalai Koothanur, Sridevimangalam (post), Alathur (Taluk), Perambalur District. | Alathur Taluk & Nattarmangalam | 282/2B | 1.49.0 | Rough stone | New Quarry |

The SEAC noted the following:

1. The Proponent, Thiru. S.Subramanian has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone Quarry lease over an extent of 1.49.0ha in S.F.Nos. 282/2B, at Nattarmangalam Village of Alathur Taluk, Perambalur District, , Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
3. The details of annual rate of replenishment and timeframe for replenishment after mining closure in an area shall be furnished before placing the subject to SEIAA.


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4. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
11. The CER amount Rs.0.72 Lakhs shall be spent for CER activities to be carried out for providing Solar light facilities for the Government School, Nattarmangalam Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.


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Agenda No: 137-01-18

(File No. 7005/2019)

Proposed Rough stone Quarry lease over an extent of 2.50.5ha in S.F.Nos. 169/16, 170/13, 263/1, 263/2, 263/3, 263/9, 263/10, 263/11, 263/12, 263/13A, 263/13B (Nattarmangalam) & 433/9, 434/1 (Chettikulam), at Nattarmangalam and Chettikulam Village of Alathur Taluk, Perambalur District, Tamil Nadu by Thiru. C. Natesan, Perambalur – For Environmental Clearance.

(SIA/TN/MIN/39692/2019)

The proposal was placed in the 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:


1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.C. Natesan, Perambalur, Precise Area Communication was issued by the District Collector, Perambalur vide Rc.No.256/G&M/2017 Dated 28.12.2018 for a period of 5 years. It is a fresh lease for Rough stone quarry over an extent of 2.50.5ha in S.F.Nos. 169/16, 170/13, 263/1, 263/2, 263/3, 263/9, 263/10, 263/11, 263/12, 263/13A, 263/13B (Nattarmangalam) & 433/9, 434/1 (Chettikulam), at Nattarmangalam and Chettikulam Village of Alathur Taluk, Perambalur District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Perambalur District vide Rc.No. 256/G&M/2017 Dated 21.01.2019.

3. As per the Department of Geology and Mining, Perambalur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone at the rate of 95% should not exceed 1,79,528m³.


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- a. For First year - 16,055m³ of Rough stone
 - b. For Second year - 29,450m³ of Rough stone
 - c. For Third year - 57,998m³ of Rough Stone
 - d. For Fourth Year - 44,294m³ of Rough Stone
 - e. For Fifth Year - 36,813m³ of Rough Stone
4. The Total Quantity of Mineral reject will be 9,447m³ and it will be proposed to dump on South Eastern side with dimension of 43m x 23m x 9.55 m (h). The quantity of Topsoil will be 13,766 and it will proposed to dump on South eastern side with dimension of 43.0m x 28.0m x 11.0m (h).
 5. The quarry operation is proposed up to a depth of 26.5m (1m Topsoil and 25m Rough stone) below ground level.
 6. The Quarry operation is proposed to carry out with open cast semi mechanized mining with bench height of 5m and bench width of 5m.
 7. Rough stone are to be transported by Tippers of 3 Nos. (10 T Capacity).
 8. The project is locate at 11°07'45.86"N to 11°07'52.63"N latitude and 78°47'47.76"E to 78°47'56.89"E Longitude.
 9. The total Manpower requirement is 18 Nos.
 10. Total cost of the projects is Rs. 54,50 lakhs and EMP cost about Rs. 3,50 lakhs.
 11. The Water table is found to be at the depth of 45-40m below the ground level.
 12. Lease applied area is not covered under HACA region.
 13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
 14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
 15. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
 16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.


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17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.

18. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Nattarmangalam Village, Alathur Taluk, Perambalur District dated 09.07.2019 and VAO, Chettikulam Village, Alathur Taluk, Perambalur District dated 09.07.2019

19. Letter obtained from the Assistant Director, Department of Geology and Mining, Vellore vide Letter RC. No. 256/G&M/2017, dated 07.02.2019, furnish the details of existing quarries situated within 500 mts radial distance from the subject mines. Hence, the details are furnished as follows:

i) Details of existing mine:

| Sl. No | Name of the lessee/applicant | Taluk & Village | S.F. No. | Extent (In Hect) | Mineral | Lease Period |
|---------|------------------------------|-----------------|----------|------------------|---------|--------------|
| --NIL-- | | | | | | |

ii) Details of lease period expired/abandoned mine:

| Sl. No | Name of the lessee/applicant | Taluk & Village | S.F. No. | Extent (In Hect) | Mineral | Lease Period |
|--------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------|------------------|----------------|--------------------------------|
| 1. | Thiru.Rajasekaran S/o. Paramasivam, No.1/219, Pillapalayam, Lala pettai (Po), Krishnarayapuram (Tk), Karur (Dt), | Alathur (Tk) & Nattaramangalam Village | 265 | 1.10.0 | Rough stone | 19.12.2008 to 18.12.2013 |

| | | | | | | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------|--------|----------------|--------------------------------|
| 2. | Thiru.A.Murugesan S/o. Arunachalam, Keezha Street, Nattaramangalam, Alathur(Tk), Perambalur (Dt). | Alathur (Tk) & Nattaramangalam Village | 262/14 Part A | 0.81.0 | Rough Stone | 20.04.2001 to 19.04.2006 |
| 3. | Thiru.N.Mathiyalagan, S/o.Nallathambi, Koothanur Village, Nattaramangalam (Po) Sridevi Mangalam, Alathur (Tk) Perambalur (Dt) | Alathur (Tk) & Nattaramangalam Village | 258/ Part 5 | 1.00.0 | Rough Stone | 12.12.2008 To 11.12.2018 |

iii) Details of proposed mine:

| Sl. No | Name of the lessee/applicant | Taluk & Village | S.F.No. | Extent (In Hect) | Mineral | Lease Period |
|-----------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|-----------------|
| 1. | Thiru.C.Natesan, S/o. Thiru.Chellappa Goundar, Nattaramangalam (Po), Alathur (Taluk), Perambalur District | Alathur Taluk & Nattaramangalam & Chettikulam | Nattaramangalam S.F.No.169/16, 170/13, 263/1, 10, 11, 12,13A, 13B, 20, 3 & 263/9 Chettikulam S.F.No. 433/9 & 434/1 | 2.50.5 | Rough stone | New Quarry |

The SEAC noted the following:

1. The Proponent, Thiru. C. Natesan has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone Quarry lease over an extent of 2.50.5ha in S.F.Nos. 169/16, 170/13, 263/1, 263/2, 263/3, 263/9, 263/10, 263/11, 263/12, 263/13A, 263/13B (Nattarmangalam) & 433/9, 434/1 (Chettikulam), at Nattarmangalam and Chettikulam Village of Alathur Taluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted every six month and the report should be submitted to TNPCB.
2. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
3. The details of annual rate of replenishment and timeframe for replenishment after mining closure in an area shall be furnished before placing the subject to SEIAA.
4. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of


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2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
11. The CER amount Rs.0.72 Lakhs shall be spent for CER activities to be carried out for providing Solar light facilities for the Government School, Nattarmangalam Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No: 137-01-19

(File No. 7100/2019)

Proposed Multi- Color Granite Quarry lease over an extent of 2.02.5Ha in S.F.Nos. 914/B1, 914/B2, 914/B3 and 916/B1 of Paganatham Village, Karur Taluk and Karur District, the state of Tamil Nadu by Thiru. P. Velmani, Karur – for Environment Clearance.

(SIA/TN/MIN/41642/2019) dated: 23.08.2019

The proposal was placed in the 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:


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- a. The Quarry lease was applied in the name of Thiru. P. Velmani, Karur, Precise Area Communication was issued by the Additional Chief Secretary to Government, Industries Department, Chennai, vide Letter. No. 8353/MMB.2/2018-1 dated 12.07.2019 for a period of 20 years. It is a Fresh lease for Multi- Colour Granite Quarry over an extent of 2.02.5Ha in S.F.Nos. 914/B1, 914/B2, 914/B3 and 916/B1 of Paganatham Village, Karur Taluk and Karur District.
2. Mining Plan/Scheme of Mining approval details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Director of Geology and Mining, Guindy, Chennai District vide Rc.No.2652/MM2/2018, dated 20.11.2018.
3. As per the Mining plan, the production schedule for first five years states that the total volume of recoverable as 40% recovery should not exceed 10,800m³.
 - a. For First Year - 2,160 m³ of Granite
 - b. For Second year - 2,160 m³ of Granite
 - c. For Third year - 2,160 m³ of Granite
 - d. For Fourth year - 2,160 m³ of Granite
 - e. For Fifth year - 2,160 m³ of Granite
4. The Total waste that will be resulting in the quarrying operation for first years will be 24,104m³ (Granite Waste 16,200m³+ Weathered rock 7,904m³). The Total waste will be proposed to dump on the North east side with dimension of 35m x 30m x 22.96m (H).
5. Topsoil will be 19,228m³. The Topsoil will be dumped on the boundary barriers for afforestation.
6. The quarry operation is proposed upto a depth of 8m (2m Topsoil + 1m weathered rock + 5m Multi colour Granite) for the present mining plan period.


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7. Quarrying Operation will be done by Opencast Semi Mechanised method with Diamond Wire Saw cutting.
8. Granite are to be transported by tippers of 2 Nos. (20 Ts capacity).
9. The project is locate at 10°48'57.30"N to 10°49'06.26"N latitude and 78°03'30.03"E to 78°03'34.53"E Longitude.
10. The Water table is found to be at the depth of 58m in summer season and 53m in rainy season.
11. The Total Manpower requirement is 30 Nos.
12. Total Cost of the project is about Rs. 2.286 crores and EMP Cost about Rs. 7.56 lakhs.
13. Lease applied area is not covered under HACA region.
14. No Coastal Regulation Zone (CRZ) within the radius of 10km.
15. No Interstate boundary & Western Ghats Boundary within the radius of 10km
16. No National Park & Wild Life Sanctuary within the radius of 10km.
17. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km
18. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
19. No habitation within the radius of 300m from the lease area as stated in the letter obtained from VAO, Paganatham Village, Karur Taluk, Karur District dated 06.08.2018.
20. Letter obtained from the Deputy Director, Department of Geology and Mining, Karur vide Letter Rc. No. 108/mines/2018, dated 27.07.2019, informed that
"Details of Existing, Proposed and Abandoned quarries located within 500 meters radius from subject area quarry".



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i) Existing Other Quarries:

| Sl. No. | Name of the Owner | S.F.Nos. | Extent (hect) | Lease Period | Remarks |
|---------|-------------------|----------|---------------|--------------|---------|
| NIL | | | | | |

ii) Proposed Area:

| Sl. No. | Name of the Owner | S.F.Nos. | Extent (hect) | Lease Period | Remarks |
|---------|-------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------|--------------|---------|
| 1. | Thiru.P.Velmani, Narasinghapuram Post, Nethaji nagar, Attur taluk salem district | 914/B1 914B2 914/B3 916/B1 | 0.33.0 0.35.0 0.39.0 0.95.5 | 20 Years | -- |
| | | | 2.02.5 | | |

iii) Lease Expired and Abandoned Area:

| Sl. No. | Name of the Owner | S.F.Nos. | Extent (hect) | Lease Period | Remarks |
|-----------|-------------------|----------|---------------|--------------|---------|
| ---NIL--- | | | | | |

The SEAC noted the following:

1. The Proponent, Thiru. P. Velmani has applied for Environment Clearance to SEIAA-TN for the Proposed Multi- Colour Granite Quarry lease over an extent of 2.02.5Ha in S.F.Nos. 914/B1, 914/B2, 914/B3 and 916/B1 of Paganatham Village, Karur Taluk and Karur District, the state of Tamil Nadu
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.


Chairman
SEAC-TN

After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
3. The details of annual rate of replenishment and timeframe for replenishment after mining closure in an area shall be furnished before placing the subject to SEIAA.
4. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.



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9. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
11. CER proposal shall be submitted as per Office Memorandum of MoEF & CC dated 01.05.2018 with time frame before placing the subject to SEIAA.

Agenda No: 137-01-20

(File No.6857/2019)

Proposed construction of Industry by M/s. Sakthi Steel Industries Limited at 223(p), 233(p), 234, 235(p) & 286(p) of Kattankulam Village, Uthiramerur Taluk, Kancheepuram District–For Terms of Reference.

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The SEAC decided to defer the proposal. Since, the proponent has not turned up for the SEAC meeting.

Agenda No: 137-01-21

(File No.7042/2019)

Proposed Rough Stone Quarry over an Extent of 1.50 Ha in S.F.Nos.146 (Part II B) at Mallapuram Village, Sankarapuram Taluk, Villupuram District by Thiru.R.Ramesh Kumar–for Environment Clearance.

(SIA/TN/MIN/40983/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:


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- a. The Quarry lease was applied in the name of Thiru. Ramesh Kumar, Villupuram, Precise Area Communication was issued by the District Collector, Villupuram vide NA.KA.KV. Kanimam/2022/ 2010, dated 02.06.2014 for a period of 5 years. It is a fresh lease for Rough Stone Quarry over an Extent of 1.50 Ha in S.F.Nos.146 (Part II B) at Mallapuram Village, Sankarapuram Taluk, Villupuram District.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was got approved from the Deputy Director, Department of Geology and Mining, Villupuram District vide Rc.No.B/G&M/2022/2010 dated 09.06.2014.
3. As per the Department of Geology and Mining, Villupuram District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 1, 24,080 m³ of Rough Stone.

| YEAR | Vol (CU.M.) | Recoverable Reserve @95 % (cu.m) | Reject 5 % (cu.m) |
|--------------|---------------|----------------------------------|-------------------|
| I | 24640 | 23408 | 1232 |
| II | 24640 | 23408 | 1232 |
| III | 24640 | 23408 | 1232 |
| IV | 24640 | 23408 | 1232 |
| V | 25520 | 24244 | 1276 |
| TOTAL | 124080 | 117876 | 6204 |

4. The quarry operation is proposed depth of 30m. (Above Ground).


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5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with bench height of 5 m & 5 m width is considered.
6. Rough stone is to be transported by Tippers of 3Nos. (5/10T capacity).
7. The project is locate at 11°56'57.00"N to 11°56'50.00"N and Longitude 78°52'47.00" E to 78°52'52.00"E Longitude. Toposheet Number: 57 L/16, 58I/13.
8. The total Manpower requirement is 13Nos.
9. Total cost of the projects is Rs. 28, 65,000/- (Including Operational + Fixed Asset + EMP cost).
10. EMP cost about Rs. 325000/- lakhs.
11. The ground water table is at a depth of 35 BGL. Hence no ground water intersection.
12. Lease applied area is not covered under HACA region.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. Wild Life Sanctuary: Nil within 10km Radius.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Mallapuram Village, Sankarapuram Taluk, Villupuram District.
18. Letter obtained from the Deputy Director, Department of Geology and Mining, Villupuram vide Letter Rc.No.B/G&M/2022/2010 dated 08.11.2016 informed the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.


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| Sl.No | Name of the owner | Village & SF nos | Extent in Ha | Lease Period | Remarks | Lease Period |
|---------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------|--------------|--------------|---------|--------------|
| Abandoned Quarries | | | | | | |
| 1 | S.Syath Asmathsulla, S/o. Syath Banagi, 99, Police Line Street, Sankarapuram. | Mallapuram Sankarapuram 146 (Part 2A) | 2.00. 0 | - | Expired | Expired |
| 2 | N.Pandiyan, S/o.Narayanan, Kallai Main Road, Sankarapuram. | Mallapuram Sankarapuram 146 (Part 2C) | 1.50.0 | - | Expired | Expired |
| 3 | M.Parampan, S/o. Munusamy, North Street, Mallapuram Village, Sankarapuram. | Mallapuram Sankarapuram 146 (Part 3B) | 2.00. 0 | - | Expired | Expired |
| 4 | V.Thirumurugan, S/o. Venayathan, Main Road, Devapandalam, Sanakarapuram. | Mallapuram Sankarapuram 146 (Part 3A) | 2.00. 0 | - | Expired | Expired |
| Existing Quarries | | | | | | |

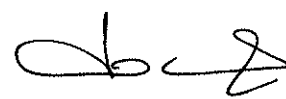
| | | | | | | |
|---------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------|---|----------------------|----------------------|
| 2 | N. Elangovan S/O Nachiyappan | 146 part 1 Mallapuram village, Sankarapuram Taluk | 3.00 | - | Existing Quarries | Existing Quarries |
| Proposed Quarry | | | | | | |
| 3. | R. Ramesh kumar, Mallapuram village, Sankarapuram Taluk, Villupuram | S.F.No. 146 (Part IIB) Mallapuram village, Sankarapuram Taluk | 1.50.0 | - | Proposed Quarry | Proposed Quarry |
| 4. Future Proposed Quarry | | | | | | |
| NIL | | | | | | |

The Total extent of the Existing / Proposed quarries are about $(3.0 + 1.50) = 4.5$ ha.

The SEAC noted the following:

1. The Proponent, Thiru. Ramesh Kumar has applied for Environment Clearance to SEIAA-TN for the Proposed Rough Stone Quarry over an Extent of 1.50 Ha in S.F.Nos.146 (Part II B) at Mallapuram Village, Sankarapuram Taluk, Villupuram District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:


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1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
3. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
4. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
5. 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.
6. 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).
7. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
8. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
10. CER proposal shall be submitted as per Office Memorandum of MoEF & CC dated 01.05.2018 with time frame before placing the subject to SEIAA.


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Agenda No: 137-01-22

(File No.7050/2019)

Proposed Expansion of Production capacity of the secondary metallurgical processing industry by M/s. V R foundries from 2200 TPM to 2800 TPM at S.F. No. 478/1, 478/2 at Kaniyur village, Sulur Taluk, Coimbatore district. – For Terms of Reference (SIA/TN/IND/39821/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The SEAC decided to defer the proposal. Since the proponent has not turned up for the meeting.

Agenda No : 137-01-23

(File No. 7080/2019)

Proposed Savudu Quarry lease over an extent of 1.03.5Ha in S.F.No: 7/13,14,60,61 of Silambimangalam Village, Bhuvanagiri Taluk, Cuddalore District the state of Tamil Nadu by Thiru.V.Sudhagar, Cuddalore District – for Environment Clearance.

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:
 - a. The Quarry lease was applied in the name of Thiru.V.Sudhagar, Cuddalore District, Precise Area Communication letter was issued by the District Collector, Cuddalore District vide Rc. No. 498/Mines/2017, dated 23.08.2018 for a period of Two Years. It is a Fresh lease for Savudu Quarry for over an extent of 1.03.5Ha in S.F.No: 7/13, 14, 60, 61 of Silambimangalam Village, Bhuvanagiri Taluk, Cuddalore District.
2. Mining Plan/Scheme of Mining approval details:
 - a. Mining plan was prepared for the period of Two Years. The Mining Plan was got approval from the Deputy Director, Department of


Chairman
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Geology and Mining, Cuddalore District vides Rc. No. 498/Mines/2017, dated 13.09.2018.

3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of Savudu should not exceed 13,080m³.
 - a. For First year - 6,540m³ of Savudu
 - b. For Second year - 6,540m³ of Savudu
4. The quarry operation is proposed upto a depth of 2m below the ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavators (without drilling and blasting).
6. Savudu are to be transported by Tippers.
7. The project is locate at 11°32'51.5"N to 11°32'55.8"N latitude and 79°42'59.3"E to 79°43'02.7"E Longitude.
8. The total Manpower requirement is 10 Nos.
9. Total cost of the projects is Rs. 12.00 lakhs and EMP cost about Rs. 3.00 lakhs.
10. The Water table is found to be at the depth of 5m below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km.

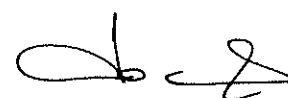

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16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Silambinangam Village, Bhuvanagiri Taluk, Cuddalore District dated 21.06.2019.
18. Letter obtained from the Deputy Director, Department of Geology and Mining, Cuddalore vide Letter R.C. No. 498/Mines/2017, Dated 20.06.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.

| Type Mineral | Proposed Quarries | Existing Quarries | Expired Quarries | Abandoned Quarries |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|--------------------|
| Savudu | Name: V.Sudhagar S.F.Nos; 7/13 – 0.33.0, 7/14 – 0.14.0, 7/60 – 0.40.5, 7/61 – 0.16.0 Ha: 1.03.5 Village: Silambinangam Taluk: Bhuvanagiri District: Cuddalore | NIL | NIL | NIL |



The SEAC noted the following:

1. The Proponent, Thiru.V.Sudhagar Limited has applied for Environment Clearance to SEIAA-TN for the Proposed Savudu Quarry lease over an extent of 1.03.5Ha in S.F.No: 7/13,14,60,61 of Silambimangalam Village, Bhuvanagiri Taluk, Cuddalore District the state of Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.


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After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted every six months and the report should be submitted to TNPCB.
2. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
3. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
4. All the conditions imposed in the precise area communication letter issued by the District Collector, Cuddalore vide Rc.No.498/Mines/2017 dated 23.08.2018 should be strictly followed.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.


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9. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
11. CER proposal shall be submitted as per Office Memorandum of MoEF & CC dated 01.05.2018 with time frame before placing the subject to SEIAA.

Agenda No: 137-01-24



(File No. 7012/2019)

Proposed Savudu Quarry for over an extent of 1.45.5Ha in S.F.Nos: 13/1, 13/2, 14/5C, 14/6B3, 14/7C, 14/8B & 14/9 of Thachakadu village, Bhuvanagiri Taluk, Cuddalore District the state of Tamil Nadu by Thiru.G.V.Ramesh, Cuddalore District – for Environment Clearance.

(SIA/TN/MIN/40500/2019) dated: 02.08.2019

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:
 - a. The Quarry lease was applied in the name of Thiru.G.V.Ramesh, Cuddalore District, Precise Area Communication letter was issued by the District Collector, Cuddalore District vide Rc. No. 188/Mines/2018, dated 29.09.2018 for a period of Two Years. It is a Fresh lease for Savudu Quarry for over an extent of 1.45.5Ha in S.F.Nos: 13/1, 13/2, 14/5C, 14/6B3, 14/7C, 14/8B & 14/9 of Thachakadu village, Bhuvanagiri Taluk, Cuddalore District.
2. Mining Plan/Scheme of Mining approval details:
 - a. Mining plan was prepared for the period of Two Years. The Mining Plan was got approval from the Deputy Director, Department of


Chairman
SEAC-TN


Geology and Mining, Cuddalore District vide Rc. No. 230/Mines/2018, dated 24.10.2018.

3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of Gravel should not exceed 18,886m³.
 - a. For First year - 9,150m³ of Gravel
 - b. For Second year - 9,736m³ of Gravel
4. The quarry operation is proposed upto a depth of 2m below the ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavators (without drilling and blasting).
6. Savudu are to be transported by Tipper (10/20 T Capacity).
7. The project is locate at 11°29'31.64"N to 11°29'36.58"N latitude and 79°41'53.00"E to 79°41'59.87"E Longitude.
8. The total Manpower requirement is 8 Nos.
9. Total cost of the projects is Rs. 14.17 lakhs and EMP cost about Rs. 1.00 lakhs.
10. The Water table is found to be at the depth of 10m - 5m below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km.


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16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Thatchakkadu Village, Bhuvanagiri Taluk, Cuddalore District dated 25/06/2019.
18. Letter obtained from the Deputy Director, Department of Geology and Mining, Cuddalore vide Letter R.C. No. 230/Mines/2018, Dated 03.07.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.


| Type of Mineral | Proposed quarries | Existing Quarries | Expired quarries | Abandoned Quarries |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|--------------------|
| Savudu | Name: G.V.Ramesh S.F.No: 13/1, 13/2, 14/5c, 14/6B3, 14/7C, 14/8B and 14/9 Hects: 1.45.5 Village: Thachakadu Taluk: Bhuvanagiri District: Cuddalore | NIL | NIL | NIL |

The SEAC noted the following:

1. The Proponent, Thiru.G.V.Ramesh has applied for Environment Clearance to SEIAA-TN for the Proposed Savudu Quarry for over an extent of 1.45.5Ha in S.F.Nos: 13/1, 13/2, 14/5C, 14/6B3, 14/7C, 14/8B & 14/9 of Thachakadu village, Bhuvanagiri Taluk, Cuddalore District the state of Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted every six month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. All the conditions imposed by the District Collector, Cuddalore in the letter vide Rc.No.188/Mines/2018 dated 29.09.2018 should be strictly followed.
4. The operation of the quarry should no way impact the agriculture activity & water bodies, nearby odai near the project site.
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
8. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No.



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

9. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
12. The CER amount of Rs. 0.30 Lakhs shall be spent for CER activities to be carried out maintenance of garden for the nearby Thachakadu, Government School as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No: 137-01-25

(File No. 7134/2019)


Proposed Savudu Quarry lease over an extent of 3.30.5Ha in S.F.No. 277 at 84, Nappathur Village of Sirkali Taluk, Nagapattinam District the state of Tamil Nadu by Thiru. S. Krishnan, Nagapattinam District – for Environment Clearance.

The proposal was placed in the 137th SEAC Meeting held on 17.10.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:
 - a. The Quarry lease was applied in the name of Thiru. S. Krishnan, Nagapattinam District, Precise Area Communication letter was issued by the District Collector, Nagapattinam District vide Rc. No. 117/Mines/2018, dated 03.09.2018 for a period of Two Years. It is a Fresh lease for Savudu Quarry for over an extent of 3.30.5Ha in

S.F.No. 277 at 84, Nappathur Village of Sirkali Taluk, Nagapattinam District.

2. Mining Plan/Scheme of Mining approval details:
 - a. Mining plan was prepared for the period of 2 years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Nagapattinam District vide Rc. No. 117/G&M/2018, dated 27.09.2018.
3. As per the Department of Geology and Mining, Nagapattinam District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of Savudu should not exceed 58,656m³.
 - a. For First year - 29,328m³ of Savudu
 - b. For Second year - 29,328m³ of Savudu
4. The quarry operation is proposed upto a depth of 2m below the ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavators (without drilling and blasting).
6. Savudu are to be transported by Trucks / Tippers.
7. The project is locate at 11°12'10.21"N to 11°12'18.76"N latitude and 79°48'16.62"E to 79°48'22.43"E Longitude.
8. The total Manpower requirement is 12 Nos.
9. Total cost of the projects is Rs. 29.62 lakhs and EMP cost about Rs. 1.68 lakhs
10. The Water table is found to be at the depth of 27m - 25m below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.


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14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, 84, Nappathur Village, Sirkali Taluk, Nagapattinam District dated 09.07.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Nagapattinam vide Letter R.C. No. 117/Mines/2018, Dated 30.07.2019, informed that, there is no proposed , existing and abandoned quarries located within 500 meter radius of the applied area in S. F. No. 277 of Neppathur Village, Sirkazhi Taluk, Nagapattinam District.

| Sl. No | Minerals Applied For | Location | | | Proposed/Existing/abandoned quarries within 500mts radius |
|--------|----------------------|-----------|----------|--------|-----------------------------------------------------------|
| | | Village | Taluk | S.F.No | |
| 1. | Savudu | Neppathur | Sirkazhi | 277 | NIL |

The SEAC noted the following:

1. The Proponent, Thiru. S. Krishnan has applied for Environment Clearance to SEIAA-TN for the Proposed Savudu Quarry lease over an extent of 3.30.5Ha in S.F.No. 277 at 84, Nappathur Village of Sirkali Taluk, Nagapattinam District the state of Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.


After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted for every six month and the report should be submitted to TNPCB.
2. All the conditions imposed in the District Collector, Nagapattinam vide Rc.No.117/Mines/2018 dated 03.09.2018 should be strictly followed.
3. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
4. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
9. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.



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10. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
11. CER activities should be carried out for developing the Library facilities /Drinking water facilities in Nappathur Govt. Higher Secondary school for Rs. 0.59250 lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

| S.No | Name | Designation | Signature |
|------|--------------------------------|------------------|-------------------------------------------------------------------------------------|
| 1 | Dr. S. Mohan | Chairman |  |
| 2 | Thiru D. Sekar | Member Secretary | |
| 3 | Dr. S. Kanmani | Member | |
| 4 | Dr. Velu Gomathi | Member | |
| 5 | Dr. L. Subbaraj | Member | |
| 6 | Thiru.V.Shanmugam | Member | |
| 7 | Dr. R.Siva coumar | Member | |
| 8 | Shri B. Sugirtharaj Koilpillai | Member | |
| 9 | Dr. L. Elango | Member | |
| 10 | Dr. R. Ilangovan | Member | |
| 11 | Dr. S. Sankar | Member | |
| 12 | Thiru. T. Murugu Subramonian | Member | |