

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 214th State Expert Appraisal Committee (SEAC) held on 23rd June 2021 (Wednesday) for Building and Construction projects, Petro chemical based processing ,Synthetic organic chemicals Industry, Townships and Area Development projects & Mining Projects through video conference.

Agenda No: 214-01 (File No: 8438/2021)

Proposed Rough stone quarry lease over an extent of 1.65.5Ha at S.F.Nos. 81/2A1, 81/2A2 of Chettipillaiyarnatham Village, Thirumangalam Taluk, Madurai District, Tamil Nadu by Thiru.P.Rajmohan- For Terms of Reference.

(SIA/TN/MIN/61595/2021, dated: 06.03.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in). The SEAC noted the following:

1. The project proponent, Thiru. P.Rajmohan has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 1.65.5Ha at S.F.Nos. 81/2A1, 81/2A2 of Chettipillaiyarnatham Village, Thirumangalam Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 124210cu.m of Rough stone not exceeding the ultimate depth of mining, which is 38m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

Based on the presentation and documents furnished by the project proponent, SEAC

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decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF & CC to be included in EIA/EMP report:

1. Restricting the maximum depth of mining from 30m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 100155cu.m of Rough stone, 2310cu.m of Weathered rock & 1185cu.m of topsoil are permitted for mining over five years.
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
6. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
7. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.

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8. A tree survey study shall be carried out (nos., name of the species, age etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
9. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC.
10. A detailed mining closure plan for the proposed project shall be submitted.
11. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
12. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
13. The project proponent shall furnish the details of the existing green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.
14. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area atleast with a width of 3m.

Agenda No: 214-02 (File No: 8440/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 3.38.5Ha at S.F.Nos. 207/12, 207/14A1 & 207/16 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu by M/s. Sai Hridham Infraa (P) Ltd- For Terms of Reference

(SIA/TN/MIN/61468/2021, dated: 03.03.2021)

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The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Sai Hridham Infraa (P) Ltd has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 3.38.5Ha at S.F.Nos. 207/12, 207/14A1 & 207/16 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 220540cu.m of Rough stone, 30288cu.m of Gravel not exceed for ultimate depth of mining, which is 32m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. Restricting the maximum depth of mining from 27m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 2,27,080cu.m of Rough stone & 30288cu.m of Gravel are permitted for mining over five years.
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. The proponent shall provide 100 m as safety distance on the northern boundary of the proposed mining area considering abutting lake on the northern side.

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4. The proponent shall furnish photographs of timeline of water bodies considering FTL.
5. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
6. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
7. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
8. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
9. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
10. A tree survey study shall be carried out (nos., name of the species, age etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
11. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC.

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12. A detailed mining closure plan for the proposed project shall be submitted.
13. A detailed report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
14. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
15. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.
16. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area at least with a width of 3m.

Agenda No: 214-03 (File No: 8441/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 0.72.0Ha at S.F.Nos. 7/3B & 7/4B of Sukkampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru.V.P.Senthilkumar- For Terms of Reference

(SIA/TN/MIN/61577/2021, dated: 06.03.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. V.P.Senthilkumar has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent

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of 3.38.5Ha at S.F.Nos. 7/3B & 7/4B of Sukkampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 47700cu.m of Rough stone, 8960cu.m of Gravel not exceed for ultimate depth of mining, which is 22m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. A detailed study of the lithology of the mining lease area shall be furnished.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The Proponent shall carry out the Cumulative impact study due to mining from

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

6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
7. A tree survey study shall be carried out (nos., name of the species, age etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
8. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF & CC.
9. A detailed mining closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.
13. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area atleast with a width of 3m.

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Agenda No: 214-04 (File No: 8445/2021)

Proposed Rough stone quarry lease over an extent of 1.40.0Ha at S.F.Nos. 22/4(Part) of Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Tmt.B.Mekala- For Terms of Reference.

(SIA/TN/MIN/61676/2021, dated: 09.03.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt. B.Mekala has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 1.40.0Ha at S.F.Nos. 22/4(Part) of Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 86650cu.m of Rough stone. 608cu.m of Topsoil not exceed for ultimate depth of mining, which is 22m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. A detailed study of the lithology of the mining lease area shall be furnished.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of

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the surrounding area as well as for safe mining.

3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
7. A tree survey study shall be carried out (nos., name of the species, age etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
8. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC.
9. A detailed mining closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the

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surrounding habitations during operation of mining for drilling and blasting shall be submitted.

11. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.
13. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area at least with a width of 3m.

Agenda No: 214-05 (File No: 8446/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 3.11.0Ha at S.F.Nos.54/2, 54/3 of Sundakkottai Village and S.F.Nos. 70/5A1, 70/5A2, 70/5B, 70/6, 70/7, 70/8 of Aladipatti Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Tmt.R.Subashini- For Terms of Reference.

(SIA/TN/MIN/61692/2021, dated: 10.03.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt. R.Subashini has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 3.11.0Ha at S.F.Nos. 54/2, 54/3 of Sundakkottai Village and S.F.Nos. 70/5A1,

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70/5A2, 70/5B, 70/6, 70/7, 70/8 of Aladipatti Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 141415cu.m of Rough stone, 70355cu.m of weathered Gravel, 28142cu.m of Gravel not exceed for ultimate depth of mining, which is 22m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. A detailed study of the lithology of the mining lease area shall be furnished.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The Proponent shall carry out the Cumulative impact study due to mining from

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

6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
7. A tree survey study shall be carried out (nos., name of the species, age etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
8. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC.
9. A detailed mining closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NCT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.
13. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area atleast with a width of 3m.


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Agenda No: 214-06 (File No: 8447/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 4.85.0Ha at S.F.Nos. 478/2, 479/2B(P), 480/1A(P), 480/2B, 480/2C(P), 480/2D(P), 482/1, 482/2(P), 483 of Chinnakallipatti Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Thiru.S.Palanisamy- For Terms of Reference.
(SIA/TN/MIN/61690/2021, dated: 10.03.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Palanisamy has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 4.85.0Ha at S.F.Nos. 478/2, 479/2B(P), 480/1A(P), 480/2B, 480/2C(P), 480/2D(P), 482/1, 482/2(P), 483 of Chinnakallipatti Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 597230cu.m of Rough stone, 84312cu.m of Gravel not exceed for ultimate depth of mining, which is 22m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

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1. A detailed study of the lithology of the mining lease area shall be furnished.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.
5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
7. A tree survey study shall be carried out (nos., name of the species, age etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
8. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC.

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9. A detailed mining closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.
13. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area atleast with a width of 3m.

Agenda No: 214-07 (File No: 8450/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 1.96.0Ha at S.F.Nos. 1258(P) of Sivanmalai Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by Thiru.K.Murugasamy- For Terms of Reference.

(SIA/TN/MIN/61767/2021, dated:12.03.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. K.Murugasamy has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent

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of 1.96.0Ha at S.F.Nos. 1258(P) of Sivanmalai Village, Kangayam Taluk, Tiruppur District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years in total quantity of recoverable as 181860cu.m of Rough stone, 26676 cu.m of weathered gravel, 7 29736cu.m of Gravel not exceed for ultimate depth of mining, which is 24m below ground level.
4. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. A detailed study of the lithology of the mining lease area shall be furnished.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity.

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5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
7. A tree survey study shall be carried out (nos., name of the species, age etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
8. The proponent shall furnish details of environmental and ecological preservation activities proposed by the proponent need to be included in the EMP along with its cost of implementation including CER activities proposed considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC.
9. A detailed mining closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of

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photos/documents, and be included in the EIA Report.

13. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area atleast with a width of 3m.

Agenda No: 214-08 (File No: 8533/2021)

Proposed Rough stone & Gravel quarry lease over an extent of 0.98.0Ha at S.F.No. 1(Part-1) of Rajakkalpatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.A.Dhanaraj- For Environmental Clearance.

(SIA/TN/MIN/209877/2021, dated: 20.04.2021)

The proposal was placed for appraisal in this 214th meeting of SEAC held on 23.06.2021.

1. The project proponent, Thiru. A.Dhanaraj has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 0.98.0Ha at S.F.No. 1(Part-1) of Rajakkalpatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

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

- i) Each State should identify at least five mineral blocks for auction with pre-embedded clearance.
- ii) The State Government may set up a Project Monitoring Unit (PMU) to complete the preparatory work for obtaining the requisite clearances / approvals and related work. The PMU will become the applicant for all the clearances required to start the mining operations.
- iii) Since Mining Plan is the basic document to start mining operation on which

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hinges the EC and FC, the PMU under the State Government should get the Mining Plan prepared by engaging a qualified person (QP) as per the revised proforma prescribed by Indian Bureau of Mines which is attached with this document (Annexure 1). The EMU should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining Indian Bureau of Mines will approve the mining plan/scheme of mining submitted to them by the PMU within a period of fifteen days, allowing successful bidder the flexibility to either enhance or reduce the production limit by 25%.

- iv) FC has two stages. Details are available on the PARIVESH portal of MOEF&CC (<https://parivesh.nic.in>). Up to FC Stage-1, no financial Commitment is required or levy is to be paid, except for bearing the cost of enumeration of trees on forest land sought for diversion and some sundry expenses. High costs are involved at FC stage-II It is understood that PMU may not be able to deposit huge sums on account of NPV, compensatory afforestation, cost of trees and other related levies and charges as applicable in FC Stage-II. Hence, PMU will obtain FC stage-I only. And, the successful bidder will make payments accordingly and obtain FC Stage-II. Expenditure incurred by PMU towards processes to be completed for obtaining FC Stage- I including demarcation of land and enumeration of trees etc. shall be initially borne by the State Government and subsequently recouped by charging from the successful bidder at the time of execution of mining lease or transfer of clearance, whichever is earlier.
- v) For EC, the PMU will complete the process and obtain the same along with FC Stage-1. Any expenditure involved in the processes including payments to ELA consultant, cost of getting Environment Public Hearing conducted and other related expenses will be initially borne by the State Government and subsequently recouped by charging the same from the successful bidder at the time of signing mining lease or transfer of clearance, whichever is earlier.

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- vi) The PMU should simultaneously obtain EC and prior approval for FC Stage -1 clearance for diversion of forest and for non-forest purpose for the operation of mining as per the guidelines issued by MoEF & CC dated 29.04.2020. While giving EC, there should be flexibility for the successful bidder to either enhance or reduce production limit by 25%, without requiring him to obtain fresh EC approval.
- vii) Since obtaining land rights for mining is another time-consuming process, the PMU should get the land rights for mining in case of both governments as well as privately owned land.
- viii) The State government should also apply and obtain all other clearances which are required for the lessee to start the mining operations. The lists of clearances are at Annexure III. The fees for obtaining these clearances shall also be initially borne by State Government and subsequently recouped by charging it from successful bidder at the time of signing mining lease or transfer of clearances, whichever is earlier.
- ix) Appropriate provisions should be made in the bid document for auction for charging from the successful bidder all the expenditure incurred by the State Government on account of the engagement of PMU and also for obtaining clearances/approvals.
- x) The above clearances may be transferred to the successful bidder seamlessly so that mining operations start without any delay.
- xi) These identified mineral blocks with pre-embedded clearances may be auctioned along with the other mineral blocks without pre-embedded clearances. Based on the experience from auction of the identified mineral blocks on pilot basis, further step will be taken towards mainstreaming the concept of auction with pre-embedded clearances of National Mineral Policy, 2019 approved by the Cabinet.

In view of the above order, SEAC has decided to refer SEIAA for further clarification in detail regarding eligibility of this application for appraisal in

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regard to the Ministry of Mines. Gol orders Dt: 03.06.2020 in regard to guidelines for auction of minerals blocks for pre - embedded clearance for mining projects.

Agenda No. 214-09 (File No.7830/2020)

Proposed Construction of 672 tenements at T.S.Nos. 1905/1, 2, 3, 4, 5, 7 & 8 of Ukkadam, Coimbatore Old Town, Coimbatore South Taluk, Coimbatore District, Tamil Nadu by M/s. Tamil Nadu Slum Clearance Board - For Environmental clearance. (SIA/TN/MIS/169890/2020, dated: 02.09.2020)



The proposal was placed in 201st SEAC Meeting held on 12.02.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh. nic. in).


The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has applied for Environmental Clearance for the proposed Construction of 672 tenements at T.S.Nos. 1905/1, 2, 3, 4, 5, 7 & 8 of Ukkadam, Coimbatore Old Town, Coimbatore South Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

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

1. A detailed storm water drainage plan with layout shall be furnished to drain out the storm water coming from the upstream side without any hindrance by designing the storm water drainage arrangement including the main drains and sub-drains to avoid the future flood inundation in the project site
2. The proponent has directed to furnish the revised water balance sheet as per the guidelines for buildings issued by MoEF& CC.
3. Details of Rainwater harvesting system proposed should be furnished.
4. The proponent shall furnish the design details of STP and Grey water treatment system accordingly water balance shall be revised'


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5. 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 and the same shall be included in the layout out plan.
6. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Government guidelines may be followed and report shall be furnished.
7. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

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

The Project proponent furnished the above said details to SEIAA-TN on 30.03.2021.

The subject was once again placed in the 214th SEAC meeting held on 23.06.2021. After detailed discussion the SEAC has decided directed the proponent to furnish following details, as the details submitted by them were not in order:

- I) Inundation certificate for the proposed project site obtained from the PWD.
- II) The project proponent shall furnish the structural stability certificate from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.
- II) Detailed Storm water management plan from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.
- III) The proponent shall circulate the said additional particulars to the members of SEAC for the verification of facts and to check adequacy of design details furnished in regard to the proposed project.

Agenda No: 214-10 (File No: 7931/2020)

Proposed Construction of 920 tenements at S.F.No. 843, 844, 845 in Pakkam Village, Thiruvallur Taluk, Thiruvallur District, Tamil Nadu by M/s. Tamil Nadu Slum Clearance Board - For Environmental Clearance

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(SIA/TN/MIS/175672/2020 dated: 04.10.2020)

The proposal was placed for appraisal in this 202nd meeting of SEAC held on 19.02.2020. The details of the project furnished by the proponent are available on the website (parivesh.nic.in). The project proponent gave detailed presentation. SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board, has applied seeking Environmental Clearance for the proposed construction at S.F.No. 843, 844, 845 in Pakkam Village, Thiruvallur Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Constructions Projects" of the Schedule to the EIA Notification, 2006.

The Proposal was placed again in this 202nd meeting of SEAC held on 19.02.2020. After detailed deliberations, SEAC decided to seek the following from the Proponent:

1. The Project proponent shall obtain the copy of planning permission from CMDA and furnish.
2. Copy of G.O pertaining to the project shall be furnished.
3. Details of disposal of treated water shall be furnished.
4. A detailed storm water plan to drain out the storm water which may enter the premises during heavy rains shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
5. Greywater treatment plant shall be redesigned for 70% of raw waste water.
6. Additional playground for indoor games shall be provided.
7. Community Hall and playground for indoor games have been shown at same place. Community Hall shall be provided exclusively.
8. Anganwadi shall not be located near the STP plant and shall be relocated.

On receipt of the same, SEAC would further deliberate on the project and decide the further course of action.

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The Project proponent furnished the above said details to SEIAA-TN on 27.03.2021.

The subject was once again placed in the 214th SEAC meeting held on 23.06.2021. After detailed discussion the SEAC has decided directed the proponent to furnish following details, as the details submitted by them were not in order:

IV) Inundation certificate for the proposed project site obtained from the PWD.

V) The project proponent shall furnish the structural stability certificate from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.

VI) Adequacy report for STP and Grey water plant design from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.

VII) Detailed Storm water management plan from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.

VIII) The proponent shall circulate the said additional particulars to the members of SEAC for the verification of facts and to check adequacy of design details furnished in regard to the proposed project.

Agenda No: 214-11 (File No: 6729/2020)

Proposed "Manufacture of Petroleum Base Distillates, De-aromatized Solvents, Alkyd Paint Resin and other allied Chemicals" at Plot No.124 to 126 & 138 to 143, Gummidipoondi Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu by M/s. Galada Petrochemicals Pvt. Ltd- For Environmental clearance.

(SIA/TN/MIN/49553/2020, dated: 08.01.2020)

The proposal was placed for appraisal in this 189th meeting of SEAC held on 19.12.2020. The details of the project furnished by the proponent is available on the website (parivesh.nic.in). The project proponent gave detailed presentation.

SEAC noted the following:

1. The Project Proponent, M/s. Galada Petrochemicals Pvt. Ltd has applied seeking Environmental Clearance for the proposed "Manufacture of Petroleum Base Distillates, De-aromatized Solvents, Alkyd Paint Resin and other allied

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Chemicals" at Plot No.124 to 126 & 138 to 143 in Gummidipoondi Viilage, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu.

2. ToR issued vide SEIAA-TN/F.No.6729/SEAC/ 5(e)/ToR-622/ 2019 dated: 17.06.2019
3. The project/activity is covered under category "B" of item 5(e) "Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes)" of the schedule to the EIA Notification, 2006.

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

1. The project proponent shall furnish the Raw materials used for the individual product along with its storage details.
2. The proponent shall furnish the safety measures proposed for Solvent storage.
3. The Proponent shall propose the scientific mode of disposal of spent solvents and detailed proposal for solvent recovery which is going to be exposed to atmosphere shall be furnished by the project proponent.
4. Study report on Risk Assessment and accident prevention measures shall be furnished.
5. Proposal for Automation of Processes/Operations shall be furnished.
6. LDAR testing shall be done periodically and maintain records.
7. The project proponent shall do the Stoichiometric analysis of all the involved reactions to assess the possible emission of air pollutants in addition to the criteria pollutants, from the proposed project.
8. Detailed report on accident and emergency preparedness to be furnished.
9. Modeling of VOC emission movement in the downwind direction shall be carried out.
10. Report on VOC emissions and control methods proposed precautionary measures to be undertaken for prevention of employees, exposure to VOC emissions.
11. Continuous Assessment of employee exposure to VOC emissions at periodic intervals shall be carried out.

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12. Report on Lightening arresters proposed at volatile compounds storage yard shall be furnished.
13. Proposal for Health hazard management and industrial hygiene assessment for the employees.
14. The Proponent shall furnish all the details sought the replies on the points raised in the ToR issued to the unit.

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

The Project proponent furnished the above said details to SEIAA-TN on 11.02.2021.

The subject was once again placed in the 214th SEAC meeting held on 23.06.2021. After detailed discussion the SEAC has decided directed the proponent to furnish revised details, as the details submitted by the proponent were in-appropriate and inadequate details along with the following:

- I) To furnish revised layout plan in regard to safety measures and details of safety measures taken for compliance with guidelines of PESO for the quantity of storage bullets used of solvents in the proposed project site.

The proponent shall circulate the said additional particulars to the members of SEAC for the verification of facts and to check adequacy of detail/reports furnished in regard to the proposed project.

Agenda No: 214-12 (File No: 8013/2020)

Proposed Rough Stone quarry lease over an extent of 1.28.41 Ha at S.F.Nos. 507/3A2, 507/3A3, 507/3D2, 50A/2B6, 507/3B, 507/3C, 507/4, 507/3D1B, 508/4, 507/3A1A1A(P), 507/3D1C, 507/3A1B & 507/3E of Thengappattanam Village, Killioor Taluk, Kanniyakumari District by Thiru. K.P. Ravichandran - For Environmental Clearance

(SIA/TN/MIN/182815/2020, dated: 10.11.2020)

The proposal was placed for appraisal in this 192nd meeting of SEAC held on 07.01.2021. The details of the Project furnished by the Proponent are available on the

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website (pariverh.nic.in).

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

1. The Project Proponent, Thiru K.P. Ravichandran has applied seeking Environmental Clearance for the proposed Rough Stone quarry lease over an extent 1.28.41 Ha at S.F.Nos. 507/3A2, 507/3A3, 507/3D2, 50A/2B6, 507/3B, 507/3C, 507/4, 507/3D1B, 508/4, 507/3A1A1A (P), 507/3D1C, 507/3A1B & 507/3E of Thengappattanam Village, Killioor Taluk, Kanniyakumari District.
2. The Project/activity it covered under Category "B2" of item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to seek the following particulars from the Proponent:

1. As the proposed project site is located at 500m distance from the sea, the proponent shall obtain and furnish CRZ clearance certificate.
2. SEAC noted lot of trees near the Project site. Hence the proponent shall furnish proposal for re-plantation of uprooted trees.
3. The Project site is very near to coastal area and sea water intrusion will be there. Hence entire village be affected. The project proponent shall conduct the hydro- geological study to evaluate the impact of proposed mining activity on the ground water table and furnish report.

On receipt of the aforesaid detail/documents to SEAC, the committee would further deliberate on this project and decide the further course of action.

The Project proponent furnished the above said details to SEIAA-TN on 19.02.2021.

The subject was once again placed in the 214th SEAC meeting held on 23.06.2021.

After detailed discussion the SEAC has decided directed the proponent to furnish the following details

- 1) In regard to the additional particular sought to furnish CRZ Clearance, the proponent has furnished letter from Assistant Director, Town and Country planning,

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Kanniyakumari vide Letter Rc. No. 48/2021/TCP, dated 23.01.2021 which is not acceptable. Hence, the proponent shall obtain and furnish CRZ Clearance certificate from the TNCZMA.

II) The reply for the item nos. 2 & 3 were not in order as sought by the committee. Hence, the proponent shall furnish the revised details for item nos. 2 & 3.

Agenda No. 214-13 (File No.7537/2020)

Proposed Rough stone and Gravel quarry lease over an extent of 1.73.5 Ha at S.F.Nos. 179/4 & 179/5 in Pudupalayam Village, Perundurai Taluk, Erode District, Tamil Nadu by Thiru T.K. Goutham - For Environmental Clearance.

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

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

The SEAC noted the following

1. The Proponent, Thiru.T.K.Goutham, applied for Environmental Clearance for the proposed Rough stone and Gravel quarry lease over an extent of 1.73.5 Ha in S.F.No. 179/4 & 179/4 at Puduparayam Village. Perundurai Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

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

The proposal was placed before the 186th SEAC meeting held on 21.11.2020. The SEAC noted that the Essential Detail Sought from the PP by the SEIAA office is as follows

1. Two excavated pits, one on Southern side and another on NE side with 500m

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radius are visible on Google Satellite map of the proposed quarry. However only one existing quarry (no abandoned quarry) is reported in the mining approval letter. Also, only one excavated pit is shown on Plate No.1B of Topo sheet.

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

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

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

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

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

The Project proponent furnished the above said details to SEIAA-TN on 20.01.2021.

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

Agenda No. 214-14 (File No.7810/2020)

Proposed expansion of API unit with production capacity of 1945MT/Month to 14061MT/Month & Drug Intermediates with production capacity of 1500MT/Month by M/s. ALCHYMARS ICM SM Private Limited Unit – lat Survey No. 237/1, plot no. A-14, SIDCO Pharmaceutial complex, Alathur Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu –for Environmental Clearance

(SIA/TN/IND2/170000/2020, dated: 31.08.2020)

The proposal was placed in this 201st SEAC Meeting held on 12.02.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. ALCHYMARS ICM SM Private Limited Unit – I has applied for Environmental Clearance for the proposed expansion of API unit with production capacity of 1945 MT/Month to 14061 MT/Month & Drug Intermediates with production capacity of 1500 MT/Month at Survey No. 237/1, plot no. A-14, SIDCO Pharmaceutial complex, Alathur Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.

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

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

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with at least 3 meters wide and the same shall be included in the layout out plan, totaling to a minimum of 15% of the total area.

2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.
3. The proponent shall carry out the Risk Assessment Study based on the MSDS of the individual chemicals during handling/Solvent storage/Storage of chemicals.
4. The proponent shall submit the detailed report on Occupational Health and Safety precautions for the workers.
5. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the VOC Emissions and model the same.
6. The project proponent shall obtain necessary permission from Competent Authority for the extraction of Ground water.
7. The proponent shall furnish the stoichiometric balance of the materials (Mass balance & Molar Balance).
8. The project proponent shall submit the characteristics of the Effluent generated during the processes and the design of the treatment plant based on those characteristics.
9. The proponent shall submit the proposal for treatment of sewage and design of the STP.
10. The proponent shall furnish the design details of Effluent Treatment Plant (ETP) with the detailed process descriptions.
11. The project proponent shall furnish the study on Industrial Hygienic Survey, Fire accident and furnish the detailed report on health safety management for the employees.
12. The Environmental Management Plan (EMP) for the proposed project shall be revised considering the above points and same shall be submitted.

It was also decided to make a site-visit by the sub-committee members of SEAC so as to

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assess the present status of the project site, since it is an expansion project.

On receipt of the above details, the SEAC decided to direct the proponent make a re-presentation for the further course of action on the proposal.

The sub-committee constituted by the SEAC, the Sub-committee visited the site on 01.05.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection,

1. The project proponent M/s. Alchymars ICM SM Private Limited presently operating with a capacity of 41.34 MT/Annum and proposed second expansion of 193.21 MT/Annum.
2. The expansion project comes under in the same campus with no additional land requirements and additional infrastructural facilities.
3. They are having 14 reactors batch for the present existing project and the same shall be used (same reactor) for the expansion project also which needs proper explanation and justification, since all the installed reactor are of 20 years old.
4. The project proponent not only increasing their products in the existing case but also going for new additional products and hence it comes under the category of change in the product mix and also increase in the production capacity of existing products.
5. The project proponent shall furnish the following details/information
 - i. The details of its first establishment and its EC and its compliance status
 - ii. Details of the its first expansion and its EC and compliance status
 - iii. Process details of the existing plan as well as the proposed expansion project
 - iv. Detailed study area map (with scale) showing process facilities, treatment units (STP and ETP), green belt, rainwater harvesting and storm water facilities
 - v. Details of process stack, their dimension and flue gas characteristics

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- vi. Consumption pattern of the raw material and production details for the last six months
 - vii. Water supply records and waste water generated (actual) for ETP and STP along with power consumption records for the process and STP and ETP separately for the last six months
 - viii. Details of Leak Detection and Repair (LDAR) study recently conducted by the project proponent and its application
 - ix. Minor records of HC/VOCs in the stack and ambient air
 - x. Sludge management for ETP and STPs
 - xi. Monitoring records of air (stack and air quality), wastewater (ETP and STP) and solid generated
 - xii. Monitoring of the health status records of the employees
 - xiii. Audiometry test for employees with age corrections
 - xiv. Post bronchodilator lung function test
 - xv. AFIH qualified Part-time medical officer
 - xvi. Workplace and employee exposure assessment for VOC
 - xvii. Biological marker of exposure assessment in employees, specific to hazardous and carcinogenic substances
 - xviii. API analysis in ground water
 - xix. Chemical risk analysis at storage area
6. There is no sufficient green belt of 33% as stipulated for the existing plants not seen at the time of inspection.
 7. Only one rainwater harvesting is available at the project site which is not sufficient
 8. There is no open or bore well present at the project site
 9. Entire water supply demand of 86.0 KLD shall be met from SIDCO
 10. The project proponent to submit the details of existing ECs and its compliance status to consider their application for expansion
 11. The project proponent shall furnish hazardous solid waste management if any

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inside their campus.

12. The project proponent shall furnish record related to QA/QC of raw materials and their product inside the campus.
13. The project proponent shall submit all reaction involved (stoichiometrically balanced), intermediate to final products from reactants for the existing project as well as the proposed project clearly indicating mass balance and waste produced.

The subject was once again placed in the 214th SEAC meeting held on 23.06.2021. After detailed discussion the SEAC has decided to direct the proponent to furnish the following details

- I) For industries 33% of green belt of total proposed site is mandatory, in this connection during inspection it was noted that the proponent has not provided 33% of green belt area within the premises. Hence, proponent shall clarify the same.
- II) Details of mode of expansion with respect to details of nos. of process utilities /reactors used in comparison with details of existing nos. of machineries with capacity relating to the proposed expansion quantity of products.
- III) Production details records with power consumption details for past 10 years in compliance with consented quantity of TNPCB.
- IV) Justification for proposed expansion activity to carry out 5 times higher than the existing consented production utilizing the existing nos. of process utilities /reactors.
- V) Copy of certified compliance issued for earlier EC by Regional office of MoEF&CC. Records of audiometry test for employees with age corrections for 1 year.
- VI) Records of post bronchodilator lung function test for 1 year.

Agenda No: 214-15 (File No: 8369/2021)

Proposed Construction a Residential Development at S.F.No. 276/1A, 1B1, 7A1, 7A2 & 7B at Kottivakkam Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by M/s. Nutech Reality Projects Private Limited – For Environmental Clearance.

(SIA/TN/MIS/198766/2021, dated: 17.02.2021)

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

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

1. The Proponent, M/s. Nutech Reality Projects Private Limited has applied seeking Environmental Clearance for the proposed construction a Residential Development at S.F.No. 276/1A, 1B1, 7A1, 7A2 & 7B at Kottivakkam Village, Sholinganallur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the Project proponent.

SEAC directed the proponent, to furnish the following additional details/documents:

1. The committee noted that many documents pertaining to this project were not uploaded in the Parivesh site which is against the best practice stipulated by MoEF&CC. Also, the committee felt that the concerned engineer/scientist should check these particulars meticulously before placing the file for appraisal.
2. The project proponent shall furnish the structural stability certificate from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.
3. The project proponent shall upload permission obtained from CMWSSB for supply of fresh water.
4. The project proponent has planned to discharge excess treated sewage to CMWSSB sewer line which is not acceptable in the environmental point of view. Hence the proponent shall revise proposal for utilization of excess treated grey water and treated sewage for avenue plantation.
5. The project proponent shall furnish revised proposal of adequate capacity of grey water treatment plant and sewage treatment plant including oil & grease separator.
6. The project proponent shall revise the design details of Rain water harvesting plan considering roof of the proposed residential buildings alone including no. of percolation pits all along the periphery of the project site & adequate capacity of rain water collection sump in regard to maximum rainfall during

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past 10 years.

7. The project proponent shall furnish details of storm water management plan considering elevation contour levels of the project site.
8. The project proponent shall furnish design details of OWC proposed for treatment of Bio- degradable waste.
9. The project proponent shall furnish ambient air quality & ambient noise modeling including baseline data considering nearby residence and vehicular movement due to the proposed project.
10. The project proponent shall revise stack height for the proposed D.G set as per CPCB guideline.
11. Details of amenities of the proposed project such as sports, community hall, gym, Health care etc.
12. The project proponent shall furnish details of utilization of solar energy (at least 10% of total energy consumption) for the illumination of common areas, street lighting etc.
13. OSR area shall not be utilized for Car parking, Play ground, Children's park etc. and also should not be included in the green belt area calculation.
14. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking.
15. The project proponent shall furnish revised Environmental Management Plan for capital & operational phase along with details of activities/facilities proposed under Corporate Social Responsibility (CER) as per O.M dated: 01.05.2018.
16. The project proponent shall revise the online application according to the revised proposal to be furnished.

The committee noted preliminary assessment including baseline data have not been done in proper way by consultant and the consultant was instructed to adhere the

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guideline issued by MoEF & CC for preparing good baseline data and Environmental Management Plan.

In view of the above, SEAC decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

The sub-committee constituted by the SEAC, the Sub-committee visited the site on 01.05.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection.

1. At the time of inspection, the land was barren and no construction activities were seen
2. OSR area of allocated was marked and fenced at the entrance site of the property in the western direction
3. There is no open or bore well seen at the construction site
4. The Project site comes under industrial land area classification and adjacent to the project site in the northern direction an industry is in operating.
5. Buckingham Canal located in the eastern direction of the project site at a distance of 100 feet from the eastern boundary of the project site
6. There are no trees present at the project site except one in the western direction at the entrance of project site Soil test results and structural safety design details along with design details
7. The project proponent shall furnish the following details
 - Soil test results and structural safety design details along with design details of the foundations
 - Building plan with green belt, rainwater harvesting and storm water
 - Details of building plan application and its approval status including the foundation details marked on the map (with scale)
8. The project proponent plan to meet the entire water requirement supply CMWSBB and its concurrence needs to be submitted to SEAC.
9. The project proponent shall collect grey water (60KLD) and sewage water

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(60KLD) separately and treat it in the Grey water treatment plant and STP respectively

10. The width of Buckingham canal running in the eastern direction around 100 feet flowing from north to south.

Based on the inspection report and the documents furnished by the project proponent, SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions, stipulated by the MoEF & CC:

1. The project proponent shall provide adequate capacity of sewage treatment plant & Grey Water Treatment plant as committed to achieve the standards prescribed by the TNPCB/CPCB.
2. The proponent shall make proper arrangements for the disposal of the treated sewage and grey water from the proposed site for toilet flushing & green belt development.
3. The sludge generated from the sewage Treatment plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
4. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
5. All the mitigation measures committed by the proponent for the flood management and to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
6. The project proponent shall measure the criteria air pollutants data due to traffic again before getting consent to operate from TNPCB.
7. The project proponent shall provide adequate DG set stack height as per CPCB Norms.
8. The project proponent shall provide adequate capacity of organic waste convertor for the food waste within the project premises and the compost shall be utilized for developing green belt area.

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- 9 The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans-boundary Movement) Ruler, 2016, as amended for the generation of Hazardous waste within the premises.
- 10 The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rule, 2015, as amended for disposal of the E-waste generation within the premises.
- 11 The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum of 15% of the total area and the same shall not be used for car parking.
- 12 The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops as committed.
- 13 The proponent shall provide adequate storm water management provisions within the project site as committed.
- 14 The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the pubic usage as committed.
- 15 The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
- 16 The project proponent shall appoint permanent medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
- 17 The Proponent shall provide the dispenser for the disposal of sanitary Napkins.
- 18 Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting, etc.

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19. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities, as proposed in the CER and furnish the same before placing the subject to SEIAA.

Agenda No. 214-TA-01 (File No.7616/2020)

Expansion of the existing residential group development project at S.F.Nos.141/1A, 141/2A, 141/2B2, 141/2B3, 142/2, 147/1A, 147/1B, 147/2, 147/3, 147/4, 147/5, 160, 162/1, 164/1, 164/2, 164/3, 175/2B, 177/1A, 177/1B, 177/2, 178/2A, 178/2B, 179/1B, 179/2B of Paraniputhur Village, Kundrathur Taluk, Kanchipuram District, Tamil Nadu by M/s. Emerald Haven Realty Developers (Paraniputhur) Private Limited – For Environmental Clearance.

(SIA/TN/MIS/152422/2020, dated: 11.05.2020)

The proposal was placed in this 205th SEAC Meeting held on 03.03.2021. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Emerald Haven Realty Developers (Paraniputhur) Private Limited has applied for Environmental Clearance for the proposed Expansion of the existing residential group development project at S.F.Nos.141/1A, 2A, 2B2, 2B3, 142/2, 147/1A, 1B, 2, 3, 4, 5, 160, 162/1, 164/1, 2, 3, 175/2B, 177/1A, 1B, 2, 178/2A, 2B, 179/1B, 2B of Paraniputhur Village, Kundrathur Taluk, Kanchipuram District, Tamil Nadu, Tamil Nadu.
2. The project/activity is covered under Category "B2" of item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

The Proponent, has obtained Environmental Clearance for the existing Residential Development of 6 Residential Block in Plot area of 37390 Sq.m and Built up area of 64820.5 Sq.m vide SEIAA Letter No. SEIAA/TN/F.651 5/8 (a)/ 589 /2018 dated: 16.07.2018 for 374 Dwelling units and Partially completed the construction activity. The details are as follows;

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- a. Block A, B, C, D, E, F each with Stilt+4 Floors -374 Dwelling Unit
 - b. Commercial block with G+3 Floors
 - c. Club house with G+2 Floors
 - d. STP capacity 340 KLD for sewage generation of 258KLD
 - e. Water requirement 181 KLD for expected occupancies of 2425 Nos.
3. In the current Proposal, the revised expansion activity involves construction and blocks as follow:
- a. Block A & B each with Stilt + 4Floors,
 - b. Redesign of Block C -Stilt + 5 Floors,
 - c. Block D - Stilt + 4Floors,
 - d. Redesign of Block E, F & inclusion of new Block G, each with Stilt + 5 Floors having a total of 470 dwelling units.
 - e. Swimming Pool (H), Club House (Block -I)- G+2 Floors & Commercial (Block - J)-(G+3 Floors) with revised plot area: 37103.73 Sq.m & revised Built up area: 69305.51 Sq.m.
4. As there is an increase in the Built-up Area of 4485.01 Sq.m and increase in dwelling unit of 100 Nos. There is no provision for expansion in the online Portal. Hence, the proponent has applied under the amendment/modified EC.

The proponent has furnished the compliance certificate obtained from the Director, Regional office, MoEF& CC vide letter dated 20.11.2020.

	Present status of construction
Block A	Structural work is completed, Terrace Head room/OHT works are under progress. Block-works-95% completed at all floors. internal plastering-2 floors completed.3rd floor work in Progress.
Block B	Structural work is completed.
Block C	Construction works are completed

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Block D	3rd floor slab is completed. Terrace floor slab work is in progress. 1st floor block-work is in progress
Block E	Construction works yet to start
Block F	Construction works yet to start
Club House	Construction works yet to start
Commercial	Construction works yet to start
Swimming pool	RCC work is in progress

5. The Proponent has obtained planning permission for the existing proposal vide F.No.BCI/16442/17 dated 16.10.2018.
6. The proponent has furnished the inundation certificate obtained from PWD letter dated 06.03.2018.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to instruct the proponent to provide the following details and after the submission SEAC would consider the same for further necessary action. Meanwhile since it is an expansion project sub-committee of SEAC would visit the site for on-the spot inspection to assess the present conditions of development at the site.

1. The project proponent shall furnish the structural stability certificate from the reputed Govt. Institutes like IIT, Anna University etc.
2. The height of the stacks of DG sets shall be worked out as per the CPCB norms.
3. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E-waste generation within the premises. A detailed note towards the same needs to be submitted.
4. The project proponent shall provide entry and exit points for the OSR area, community hall, play area as per the norms for the public usage and submit the revised plan.
5. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas,

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street lighting etc. A note to this effect may be submitted.

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

The sub-committee constituted by the SEAC, the Sub-committee visited the site on 02.04.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection.

1. The project proponent furnished the structural stability certificate from the IIT Madras and was found in order.
2. The proponent is yet to start the construction activity with regard to the proposed Expansion activity.
3. The project proponent is yet to develop green belt with native plants. Hence the proponent was instructed to furnish revised plan incorporating green belt are development under Miyawaki scheme with native tree species.
4. The fugitive emission within the site was noticed due to movement of vehicles. Hence, the proponent was instructed to adopt fugitive emission suppression mechanism within the site such as water sprinkling in the vehicular movement area and also to wet the tyres of the vehicles at the entry point to suppress the fugitive emission.
5. The proponent to comply with the building and other construction workers (Regulation of employment and conditions of service) ACT,
6. First aid measures and immediate assistance to be provided by basic medical trained personnel and the plan to be submitted
7. In regard to the additional details sought vide minutes of 205th SEAC meeting, the proponent was instructed furnish the details as follows
 - a. To workout DG set stack height as per CPCB guideline considering height of the tallest proposed building.
 - b. To furnish the revised plan incorporating adequate common area

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earmarked within the proposed premises for collection and storage of E-Waste along with provision of display board.

- c. To execute agreement with the E- waste collection centre or dismantler or Recycler within the state for disposal of E- waste generated before obtaining CTO from TNPCB.
- d. To furnish solid waste management plan.
- e. To furnish fire safety and design plan.
- f. To furnish the installation of solar power system details.
- g. To furnish revised plan incorporating the Green Belt Development area, entry and exit points of OSR area, commercial complex & Club house.
- h. To furnish revised EMP & CER for the proposed expansion activity.
- i. To update survey nos. in their Plan drawings as instructed during inspection.

Based on the inspection report and the documents furnished by the project proponent, SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions, stipulated by the MoEF &CC:

1. The project proponent shall provide adequate capacity of sewage treatment plant & grey water treatment plant as committed to achieve the standards prescribed by the TNPCB/CPCB.
2. The proponent shall make proper arrangements for the disposal of the treated sewage and grey water from the proposed site for toilet flushing & green belt development.
3. The sludge generated from the sewage treatment plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
4. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.

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5. All the mitigation measures committed by the proponent for the flood management and to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
6. The project proponent shall measure the criteria air pollutants data due to traffic again before getting consent to operate from TNPCB.
7. The project proponent shall provide adequate DG set stack height as per CPCB Norms.
8. The project proponent shall provide adequate capacity of organic waste convertor for the food waste within the project premises and the compost shall be utilized for developing green belt area.
9. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans-boundary Movement) Ruler, 2016, as amended for the generation of Hazardous waste within the premises.
10. The project proponent shall allot necessary area for the collection of E- waste and strictly follow the E-Waste Management Rule, 2015, as amended for disposal of the E-waste generation within the premises.
11. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum of 15% of the total area and the same shall not be used for car parking.
12. The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops as committed.
13. The proponent shall provide adequate storm water management provisions within the project site as committed.
14. The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the public usage as

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committed.

15. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
16. The project proponent shall appoint permanent medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
17. The Proponent shall provide the dispenser for the disposal of sanitary Napkins.
18. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting, etc.
19. As per the MoEF &CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities, as proposed in the CER and furnish the same before placing the subject to SEIAA.

Agenda No: 214-TA-02 (File No: 8285/2020)

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

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

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

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

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

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Pudukottai District, Tamil Nadu.

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

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

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

The proposal was placed before the 439th SEIAA Meeting held on 16.04.2021. After detailed discussions, the Authority unanimously accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:

As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

The Terms of Reference issued by SEIAA-TN vide Lr No.SEIAA-TN/F.No.8285/SEAC/ToR- 940/2020 Dated: 27.04.2021.

Meanwhile, as per the 206th SEAC meeting minutes, the sub-committee constituted by the SEAC, the Sub-committee visited the site on 07.04.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection,

- The proposed rough stone mining site is found as virgin site.
- The proposed mining site was found abutting road and surrounded by adjacent quarries on southern & eastern sides and Stone crusher units.
- It was observed that two tanks are near by the proposed mining site namely

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Melakulam (North-western-750m) & Kilakulam (North-Eastern-200m).

- Habitations were found at the distance of 600m.
- The proponent has not fenced the proposed mining site all along the periphery of the site.
- The proponent has earmarked mining area leaving a safety distance of 7.5m all along the periphery of the site considering adjacent mining site (Quarry) and the butting road.
- The proponent has not developed green belt within the proposed mining site and no trees are now existing in the site.

Sub-committee Recommendations

1. The proponent shall provide fencing all along the periphery of the site and furnish photographs of the same.
2. The proponent shall earmark mining area leaving a safety distance of 7.5m of the adjacent sides of existing quarry on southern side and abutting road on the eastern side.
3. The proponent shall develop green belt with native trees all along the periphery of the site and furnish photographs of the same.
4. The proponent shall furnish proposal for abatement of fugitive emission arising from the proposed mining activity and vehicular movement.

Based on the inspection report, made and the documents furnished by the Proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF& CC to be included in EIA/EMP report:

1. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The proponent shall provide adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent

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quarries & water bodies nearby provided as per the approved mining plan.

3. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
4. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
5. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non-monsoon seasons.
6. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
7. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study
8. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
9. A tree survey study shall be carried out (nos., name of the species, age etc..) in the mining lease applied area and its management during mining activity.
10. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
11. A Detailed mining closure plan for the proposed project shall be submitted.
12. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
13. The recommendation for the issue of "Terms of Reference" is subjected to the

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outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).

14. A detailed study of the lithology of the mining lease area shall be furnished.
15. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 214-TA-03 (File No: 7896/2020)

Proposed "Upgradation of Existing R&D facility into intermediates for API manufacturing unit" at S.F.No.27, Vandaloore Kelambakkam Road, Keelakottaiyur Village, Melakottaiyur Post, Kancheepuram (Now Chengalpattu) District, Tamil Nadu by M/s. Solara Active Pharma Sciences Limited - For Environmental clearance (SIA/TN/IND2/175529/2020, dated 26.09.2020)

The proposal was placed for appraisal in this 196th meeting of SEAC held on 29.01.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s. Solara Active Pharma Sciences Limited has applied seeking Environmental Clearance for the proposed "Upgradation of Existing R&D facility into intermediates for API manufacturing unit" at S.F.No.27, Vandaloore Kelambakkam Road, Keelakottaiyur Village, Melakottaiyur Post, Kancheepuram (Now Chengalpattu) District, Tamil Nadu.
2. Further, the application was submitted by the Proponent as Per the Office Memorandum issued by MoEF & CC vides F.No.F.No.22-25/2)20-IA.II dated: 13.04.2020 and as per S.O. 1223(E) dated: 27.03.2020 for the projects or activities in respect of 5 (f) Active Pharmaceutical ingredients (API) to appraise

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as Category 'B2' Projects.

3. Hence, the project/activity is covered under Category "B2" of Item 5(f) "Synthetic organic chemicals industry (dyes & dye intermediates: bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the Project proponent, SEAC decided to seek the following additional details from the Proponent:

1. Proponent shall clarify whether the unit is already into commercial production of the products listed or newly proposed.
2. Physical, Chemical and Physiological properties of the products shall be furnished.
3. Production details shall only be furnished in Tonnes Per Annum.
4. Certified compliance report from TNPCB for the existing facility.
5. The proponent shall furnish the Stoichiometric material balance for all the reactions to assess the quantum of pollutant emission from the proposed project.
6. The proponent shall furnish the details of the material and source of fuel used for boilers.
7. The project proponent shall furnish the Raw materials used for the individual product along with its storage details.
8. The Project proponent shall furnish details of all the products with chemical name and formula and the reaction kinetics including the list of intermediate products.
9. The Proponent shall propose the scientific mode of disposal of spent solvents and detailed proposal for solvent recovery which is going to be exposed to atmosphere shall be furnished by the project proponent.
10. The project proponent shall submit the expected characteristics of the Effluent generated during the processes and the design of the treatment plant based on

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those characteristics.

11. The proponent shall submit the proposal for treatment of sewage and design of the STP.
12. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the VOC Emissions and model the same.
13. Height of the stack for the process emission and the DG Sets should be recalculated by considering the nearest tallest building as per the CPCB guidelines.
14. Status of Agitated Thin Film Dryer provided at the unit shall be furnished.
15. The proponent shall carry out the Risk Assessment Study based on the MSDS of the individual chemicals during handling/Solvent storage/Storage of chemicals.
16. The proponent shall submit the Health hazard management and industrial hygiene assessment report carried out for the employees at the existing plant.
17. The project proponent shall obtain necessary permission from Competent Authority for the extraction of Ground water.
18. The Proponent shall ensure that the Solvent storage area is not located near the boiler and the proponent shall submit the safety measures undertaken in this regard.
19. The project proponent shall furnish the detailed study report on industrial Hygienic Survey and furnish the detailed report on Occupational Health and Safety Management for the employees.
20. The Environmental Management Plan (EMP) for the proposed project shall be revised considering the above points and same shall be submitted.
21. As per the MoEF&CC Office Memorandum F.No. 22-55/2017-IA.III dated: 30.01.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

On submission of the above details, SEAC decided that Proponent has to make a representation. It was further decided that an on - the - spot inspection shall be carried out by the subcommittee constituted by the SEAC to assess the present status of the

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site as this is an expansion project. Based on the inspection report by the Proponent, SEAC would further deliberate on this project and decide the further course of action. The sub-committee constituted by the SEAC, the Sub-committee visited the site on 10.03.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021. The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection.

1. The sub-committee visited the R&D area, Effluent treatment plant, Multiple Effect Evaporator and Sewage Treatment plant in the unit premises.
2. The unit is functioning as an R&D unit with scale up area and has obtained Consent from TNPCB for its R&D Activities and have not obtained Environmental clearance.
3. Project Proponent planning to convert their R& D facility into intermediates for API manufacturing unit within the existing premises and the same needs to be clarified by the project proponent and shall submit revised proposal for the same if any change.
4. The unit having lab facility of maximum 100 litre vessel capacity (reactor)
5. At the time of inspection STP of capacity 40 KLD and ETP of 60 KLD operating at the site
6. The flow measurement at both STP and ETP are of electronic flow meter in nature and at the time of inspection receiving flow of 10 KLD and 15 KLD respectively
7. In the STP, the aeration tank of 3m height with diffused air aeration system with recirculation sludge facility designed as extended ASP
8. The MLSS concentration in the aeration tank at the time of inspection around 2500 mg/l which needs to be build up to 3500-4000 mg/l to maintain F/M =0.4 for effective functioning of ASP
9. The MLSS concentration in the ETP is also around 2300 mg/l needs to be build up to 3500-4000 mg/l for effective functioning of aeration system
10. The project Proponent to furnish all the reactions with stoichiometrically

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balanced showing molecular formula and structure clearly showing reactant and products details indicating mass balance.

11. The project proponent to furnish performance evaluation reports of STP and ETP for the last 6 months
12. The Project proponent to furnish details and the characteristics of raw influent and treated effluent for both STP and ETP along with flow measurement records for the last 6 months
13. The facilities available for checking of quality control of chemicals handled by the project proponent to be furnished
14. Details of solid and hazardous waste generated and their management to be furnished by project proponent
15. Distance between the Boiler and solvent storage tank around 750m and to relocate the solvent storage tank to possible maximum distance to avoid any risks in the future
16. Salt recovered from the MEE/ATFD shall be computed and to be furnished
17. Project proponent shall furnish Risk Assessment for 1.) In case of Hazardous 2.) In case of Fire accidents
18. Project proponent shall submit the Ground water clearance for its proposed project form the Competent Authority
19. Report on occupational risk assessment shall be furnished: Risk ranking of chemical used based on the toxicity and exposure assessment for the hazardous chemicals (TWA or STEL measurements based on the exposure situation);
20. Health surveillance plan (Industrial Hygiene assessments) and exposure assessment specific to API exposure to be furnished from an industrial hygiene laboratory
21. Ambient and workplace VOCs signatures and level to be furnished. Bulk sample analysis to be performed
22. Water analysis of API in open well and bore well to be furnished
23. Hydrocarbon analysis from DG stack to furnished in addition to the routine parameters as per the CPCB standards

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24. Height of DG stack to be in accordance to the regulation.

Based on the inspection report and the documents furnished by the Proponent, the SEAC decided to direct the proponent to furnish the following additional particulars

1. Project Proponent planning to convert their R& D facility into intermediates for API manufacturing unit within the existing premises and the same needs to be clarified by the project proponent and shall submit revised Form-1 for the same if any change.
2. The project Proponent to furnish all the reactions with stoichiometrically balanced showing molecular formula and structure clearly showing reactant and products details indicating mass balance.
3. The project proponent to furnish performance evaluation reports of STP and ETP for the last 6 months
4. Project proponent shall furnish Risk Assessment for 1.) In case of Hazardous 2.) In case of Fire accidents
5. Report on occupational risk assessment shall be furnished: Risk ranking of chemical used based on the toxicity and exposure assessment for the hazardous chemicals (TWA or STEL measurements based on the exposure situation):
6. Health surveillance plan (Industrial Hygiene assessments) and exposure assessment specific to API exposure to be furnished from an industrial hygiene laboratory.

Agenda No: 214-TA-04 (File No: 3162/2014)

Proposal for Terms of reference under violation notification for the construction of information Technology Park by M/s. Hexaware Technologies Ltd 240 PT, 248 PT, SIPCOT Information Technology Park, Siruseri Village, Thriuporur Taluk, Kancheepuram District, Tamil Nadu.

(SIA/TN/NCP/24815/2018 dated: 13.04.2018)

The proposal was placed in 143rd SEAC meeting held on 03.02.2020. The detail of the proposal is available in the Parivesh and SEAC noted the followings:

1. The Project Proponent M/s. Hexaware Technologies Ltd., earlier has obtained

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Environment Clearance from MoEF& CC vide Letter No. 21-951/2007-IA.III dated 24.09.2008 for the construction of Information Technology Park with a total built up area of 1,41,472Sq.m.

2. The first phase of construction of the project with a total built-up area of 81,482 Sq.m was completed during April 2013 with the approval of DTCP and put into operation. Subsequently EC revalidation was obtained from SEIAA-TN vide Letter no. SEIAA-TN/F.No.3162/2014/EC-Ext/AEE-i/2015 dated 20.02.2015 and the second phase of construction (for the remaining built-up area of 59,990 Sq.m) was completed during May 2016. The second phase of the project is yet to be occupied.
3. In the meanwhile, the proponent vide letter dt 1.11.2019 has stated that the plan approval from DTCP for entire project (Phase 1 + Phase 2) has obtained during which there were changes in the total built-up area with a slight increase of the same due to the variations in the FSI/Non FSI and Parking area calculations. The total increase works out to an additional built-up area of 6,385Sq.m which has been incorporated in the latest approved DTCP plan.
4. Due to the above changes, the total built-up area of the project getting increased from 1,41,472Sq.m as mentioned in the EC to the total built up area of 1,47,857Sq.m as per the revised DTCP Plan. Furthermore, due to the power crisis, the power requirement & total back-up power DG set capacities have been increased from 6,000 KVA to 12,020 KVA (including standby DG capacities).
5. In this regard, the proponent has submitted an EC amendment application towards seeking the above said amendments in the Environmental Clearance portal on 13.04.2018 (Proposal No. SIA/TN/NCP/24815/2015)".

Further, the proponent has stated that based on the MoEF & CC OM dated 15th & 16th March 2018, wherein the powers have been delegated to the SEIAA/SEAC in the case of 8(a) & 8(b) category projects in the matter of appraisal & accordance of EC and in which the directions were given to SEIAA to accept the proposals with the stipulated window period. As per these aforesaid OM's, we submitted the hard copy application

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to SEIAA on 13.04.2018. It may be noted that our EC Amendment application was submitted during the said window period, as specified in the recent MOEF&CC's OM vide F. No. 22-10/2019-IA.III dated 09.09.2019.

In view of this, proponent request to Terms of Reference (TOR) for under violation notification to consider the proposal for seeking Environmental Clearance.

The subject was placed in the 143rd SEAC meeting held on 03.02.2020. Based on the initial discussion with the proponents, the SEAC directed the proponent to furnish the following details.

1. Details of constructions carried out, name of the building, year of construction, built-up area and Revised form I
2. Changes in the building plan and their approval by the CMDA
3. Details of FSI and Non-FSI areas

On receipt of the details, the SEAC would further make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since this project is comes under violation. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

Based on the SEAC minutes, the proponent has submitted the reply to SEIAA-TN on 20.03.2020 and the details was placed before the 198th SEAC meeting held on 05.02.2021 and after detailed discussion the Committee decided to recommend to issue the Terms of Reference (ToR) in 3 parts for the project for assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared as an independent chapter in the Environment Impact Assessment report by the Accredited consultant and also with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET or a laboratory of Council of Scientific and Industrial Research Institutions working in the field of Environment.

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The proposal was considered in 429th SEIAA meeting held on 03.03.2021. After detailed discussion the Authority decided to accept the recommendation of SEAC and decided to grant standard Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan with specific Terms of Reference under violation for assessment of ecological damage, remediation plan and natural and community resource augmentation plan to be done by an environmental laboratory duly notified under Environment (Protection) Act, 1986, or an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment, and it shall be prepared as an independent chapter in the Environment Impact Assessment report as recommended by SEAC and subject to General conditions in addition to the following conditions:

1. The proponent shall furnish the analysis of the water quality of the bore well/Open well in and around at least 1Km from the boundary of the project site.
2. The project proponent shall submit the suitable land use classification certificate obtained from the DTCP/CMDA.
3. Details of the building along with floor wise area of each building.
4. Details of study on social impact, including livelihood of local people.
5. A detailed action plan on plastic waste management shall be furnished. Further, the proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throw away plastics irrespective of thickness.
6. A detailed post-COVID health management plan for workers as per ICMR and MHA guidelines or the State Govt. guideline may be followed and report shall be furnished.

The Terms of Reference issued by SEIAA-TN vide Letter No. SEIAA-TN/F.No.3162/Violation/ToR-920/2021 dated: 16.03.2021.

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In meantime, as per the 198th SEAC meeting minutes, the sub-committee constituted by the SEAC, the Sub-committee visited the site on 27.02.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection.

1. The project proponent proposed for construction of phase I and II facilities and constructed the same at the time of inspection.
2. The phase I construction plan approved was given by DTCP and the inspection of the constructed building under Phase I was also carried out by DTCP
3. As per Inspection report of DTCP, Siruseri, noticed certain deviation in the phase I construction like FSI and non FSI areas which is elaborated in the annexure.
4. The project proponent designed STP of 20 KLD but as of now receiving only 2.24 KLD of sewage flow with actual water consumption of 2.744 KLD and food WASTE generation of 150 kg/day in the campus.
5. DG of 9 Nos. (Total of 8020 KVA capacity) present in Phase I of 1010 KVA (2 Nos.), 1500 KVA, 1250 KVA (3 Nos.) and 250 KVA ((3 Nos.) with HSD storage capacity of 35 KL and DG of 2 Nos. (Total of 4000 KVA capacity) present in Phase II of 2000 KVA (2 Nos.) with HSD storage capacity of 25 KL (2 Nos.) totaling of 12020 DG capacity needs justifications
6. The e-waste management presently done by the project proponent by the Telangana approved SPCB to be discontinued and needs to be carried out in consultation with TNPCB for disposal considering the proximity of the available e-waste recycling facility site near to Chennai city
7. The project proponent installed 7 solar panels with 1124 KW capacity.
8. The project proponent to furnishes performance evaluation of STP along with flow records for the past 6 months

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9. Details of solid waste generated and management to be furnished by the project proponent
10. Greenbelt development was done at the 1st floor level for the soil depth of 6 ft whereas not much greenbelt development on the ground which needs to be improved with native trees
11. The rainwater harvesting structure needs improvement
12. Open wells present in the campus needs proper maintenance and improvement as not only for source of water supply and also for the purpose of harvesting of rainwater
13. Details of rainwater harvesting structure and solar power generation to be furnished by project proponent
14. The detailed construction of phase I and II by the project proponent to be furnished along with their deviation from the building approval plan by the concern authorities and as per the Form 1 and 1 A furnished by the project proponent
15. A fulltime physician with Associate Fellow of Industrial Health qualification to be appointed and available with nurse support during the work period.
16. Ergonomic assessment to be carried out at all work places to assess the safety of existing workstation design
17. Indoor air quality assessment including VOCs, biological and gas parameters to be assessed
18. An environment, health and safety professional to be employed for monitoring the environmental quality and conducting health assessment in coordination with the occupational health centre
19. Visibility of Fire signage (exit) to be available at each location, shall also be at

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ground level.

20. System of maintaining occupational health records to be furnished along with the details of health support to employees during the Covid-19 pandemic period.
21. Six months record of common health problems of employees to be furnished.

Based on the inspection report and the documents furnished by the Proponent, the SEAC decided to issue additional conditions to the proponent based on the site visit as follows

1. Details of DTCP/CMDA approvals for buildings for the existing and the proposed expansion activity in compliance with earlier environmental clearance issued.
2. Adequacy report for STP design and operating procedure from the reputed institutions like Anna University/ IIT/ any other Govt. Institute
3. The project proponent to furnish performance evaluation of STP along with flow records for the past 6 months.
4. Justification for DG set - 9 Nos. of 12020 KVA total capacity with HSD storage capacity of 25 KL (2 Nos.) and its stack height compliance with CPCB norms.
5. The e-waste management to be done by the project proponent needs to be carried out in consultation with TNPCB for disposal considering the proximity of the available e-waste recycling facility site near to Chennai city.
6. Details of rainwater harvesting structure and solar power generation to be furnished by project proponent.
7. A environment, health and safety professional to be employed for monitoring the environmental quality and conducting health assessment in coordination with the occupational health centre.
8. System of maintaining occupational health records to be furnished along with the details of health support to employees during the Covid-19 pandemic period.
9. Six months record of common health problems of employees to be furnished.

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Agenda No: 214-TA-05 (File No: 7906/2020)

Proposed Rough stone & Gravel quarry lease over an extent of 8.06.5Ha at S.F.Nos. 210/1, 211, 212/1, 212/2, 212/3, 212/4, 212/5, 212/6, 212/7, 212/8, 212/9, 212/10, 212/11, 212/12, 212/13, 212/14, 212/15, 212/16, 212/17 & 212/18 in Chithathur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by M/s. SRC Projects(P) Ltd- For Terms of Reference.

(SIA/TN/MIN/56891/2020, dated: 22.09.2020)

The proposal was placed in the 197th SEAC Meeting held on 03.02.2021. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. SRC Projects (P) Ltd, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 8.06.5ha at S.F.Nos. 210/1, 211, 212/1, 212/2, 212/3, 212/4, 212/5, 212/6, 212/7, 212/8, 212/9, 212/10, 212/11, 212/12, 212/13, 212/14, 212/15, 212/16, 212/17 & 212/18 in Chithathur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. The project proponent shall furnish the compliance report for earlier EC.
2. The project proponent shall furnish the valid renewal consent order issued by TNPCB.
3. The project proponent shall furnish the details along with the EIA Report of the existing Green belt area earmarked with GPS coordinates and a list of trees that are

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planted with a copy of photos/documents.

4. The proponent made a claim that he has planted about 3000 trees surrounding the proposed site, whereas when we checked the google map on the site and the photographs shown by the proponent were not depicting the same. In view of this, the SEAC decided to make an on-the-spot site inspection to assess the present status of the site and environmental conditions prevailing in the project site by the sub-committee constituted by the SEAC, since the project is an expansion project.

SEAC decided that on receipt of the aforesaid details and after the site-visit, the proponent may make a re-presentation of the project to the Committee.

The sub-committee constituted by the SEAC, the Sub-committee visited the site on 12.03.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection.

1. It is a fresh lease application but, the applied area has been considered quarrying operation earlier. The quarry lease was first granted in favour of Tvl.SRC Projects (P) Ltd., Salem District, over an extent of 8.75.5 hectares of Patta lands in S.F.Nos. 212/1, 212/2, 212/3, 212/4, 212/5, 212/6, 212/7, 212/8, 212/9, 212/10, 212/11, 212/12, 212/13, 212/14, 212/15, 212/16, 212/17, 212/18, 222/6, 222/7, 222/8, 222/9, 222/10, 222/11, 222/12, 222/13, 222/14, 222/15 & 222/16 of Chithathur Village, Vembakkam Taluk, Tiruvannamalai District vide Rc.No.03/Mines-2/2011. Dated: 24.01.2011 for the period of five years from 24.01.2011 to 23.01.2016 for quarrying of Rough stone and Gravel.
2. However, there is no offset/safety distance of 7.5 meter maintained between existing pits.
3. It was found that proper fencing has been done along the sides of the existing pits.
4. Assistant Director/Mines, Thiruvannamalai District has furnished details of quarries within 500 m radius vide letter dated.26.08.2020 are as follows:

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Quarries located within the radius of 500m from the proposed project site.

(i) Abandoned quarry ~ 2Nos (4.77.5Ha)

Based on the inspection report, made and the documents furnished by the Proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF& CC to be included in EIA/EMP report:

1. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The proponent shall provide adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
3. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
4. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
5. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non- monsoon seasons.
6. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
7. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study
8. The Socio-economic studies should be carried out within a 10 km buffer zone

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from the mines.

9. A tree survey study shall be carried out (nos., name of the species, age etc..) in the mining lease applied area and its management during mining activity.
10. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
11. A Detailed mining closure plan for the proposed project shall be submitted.
12. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
13. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
14. A detailed study of the lithology of the mining lease area shall be furnished.
15. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 214-TA-06 (File No: 7907/2020)

Proposed Rough stone & Gravel quarry lease over an extent of 1.97.0ha at S.F.Nos. 222/18, 222/19, 222/20 & 222/21 in Chithathur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by M/s. SRC Projects(P) Ltd- For Terms of Reference.

(SIA/TN/MIN/57010/2020, dated: 25.09.2020)


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The proposal was placed in the 197th SEAC Meeting held on 03.02.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. SRC Projects (P) Ltd, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 1.97.0ha at S.F.Nos. 222/18, 222/19, 222/20 & 222/21 in Chithathur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. It was noted that the total area in the cluster exceeds 5 ha and hence it is considered under the B1 category.

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

1. The project proponent shall furnish the details along with the EIA Report of the existing Green belt area earmarked with GPS coordinates and a list of trees are planted with a copy of photos/documents.

Further, the SEAC decided to make an on-the-spot site inspection to assess the present status of the site and environmental conditions prevailing in the project site by the sub-committee constituted by the SEAC.

SEAC decided that on receipt of the aforesaid details and after the site-visit, the proponent may make a re-presentation of the project to the Committee.

The sub-committee constituted by the SEAC, the Sub-committee visited the site on 12.03.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection,

1. The site was found to be vacant.
2. The site was earmarked with Flags in all the four corners of the proposed site.

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3. Existing Quarry pits were found in the Northern & Western side & vacant land on the Eastern side and a crusher was found on the southern side of the proposed unit.
4. Approach roads were found and there is no offset/safety distance of minimum 7metres was not maintained between the existing pit which is located adjacent to the proposed site.

Based on the inspection report, made and the documents furnished by the Proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MoEF& CC to be included in EIA/EMP report:

1. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The proponent shall provide adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
3. The Project Proponent shall furnish the contour map of the water table detailing the number of wells located around the site and its impacts on the wells due to mining activity.
4. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
5. The Project Proponent shall furnish the details on the number of groundwater pumping and open wells within 1 km (radius) along with the water levels in both monsoon and non-monsoon seasons. The proponent also shall collect the data of water table level from the PWD / TWAD in this area in both monsoon and non- monsoon seasons.

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6. The Proponent shall carry out the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
7. The details of surrounding well and the assessment of cumulative impact on the groundwater due to mining shall be the part of EIA study
8. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
9. A tree survey study shall be carried out (nos., name of the species, age etc..) in the mining lease applied area and its management during mining activity.
10. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC.
11. A Detailed mining closure plan for the proposed project shall be submitted.
12. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
13. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
14. A detailed study of the lithology of the mining lease area shall be furnished.
15. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted with a copy of photos/documents, and be included in the EIA Report.

Agenda No: 214-TA-07

(File No. 6660/2018)

Proposed Construction of 392 LIG flats at survey number 408/4, 10A pt, 411/1A, 1B1,

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5, 414/1A, IB of Sholinganallur Village and Taluk, Kancheepuram District, Tamil Nadu-
by M/s. Tamil Nadu Housing Board - For Terms of Reference under violation.

The proposal was placed in this 140th SEAC Meeting held on 09.12.2019. 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:

- i. The project is located at 12°52'36.79"N to 12°52'39.12"N latitude and
80°13'42.09"E to 80°13'45.92"E longitude.
- ii. The project is under violation category.
- iii. The construction of 392 LIG Flats of 7 Blocks have been constructed.
- iv. The total land area is 11,980.76 Sq.m, FSI area is 1.814, total built up area of
25,725.08 Sq.m. The project will comprise of 7 Blocks of Stilt+4 floors and 3
commercial shops (G).
- v. Total water requirement is expected during construction phase is to be 34kLD
which will be met from outside through tankers by civil contractors. 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 labor force.
- vi. Total water demand of the project during operation phase, is expected to be
274kLD which will be sourced from CMWSSB for Domestic water requirement,
flushing and green belt development. Sewage generation of 250 kLD will be
disposed to underground CMWSSB sewer line.
- vii. About 1,021kg/day solid wastes will be generated in the project. The
biodegradable waste (613kg/day) will be collected by Chennai Corporation for
further process and the non-biodegradable waste generated (408kg/day) will be
handed over to authorized recycler.
- viii. The total power requirement during operation phase is 1.177KVA and will be
met from Tamil Nadu Generation & Distribution Corporation Ltd
(TANGEDCO).
- ix. The total runoff available for the ground water recharge from rain water

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harvesting is 9,615.8 cubic meters per annum and the total number of rain water harvesting pits provided is 35 numbers.

- x. Parking facility for 436 Nos for Two Wheelers are provided in the area of 784.8 sq.m
- xi. NBWL Clearance and Forest Clearance are not required.
- xii. No Court Case is pending against the project.
- xiii. Cost of the project is reported to be Rs. 42.51 Crores.
- xiv. Employment potential
During construction phase of the project, this project will provide employment to about 250 unskilled and semi-skilled labourers.
- xv. Benefits of the project
- xvi. The proposed project will provide employment to 150 people on daily average basis during construction phase. The project is involving construction of affordable housing apartment which improves living standards of the people in the vicinity of the project site.

The SEAC noted the following:

1. The Proponent M/s Tamil Nadu Housing Board has applied for ToR under violation for "Building and Construction Projects" at S. No. 408/4, 10A pt, 411/1A, 1B1, 5, 414/1A, 1B of Sholinganallur Village and Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the project proponent applied under violation under the notification of MoEF&CC dated 14/03/2017 and 8/03/2018.

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Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

The sub-committee constituted by the SEAC, the Sub-committee visited the site on 27.02.2021. The sub-committee submitted inspection report to SEAC on 23.06.2021.

The sub-committee inspection report was placed in this 214th SEAC meeting held on 23.06.2021. The following details were observed during the site inspection.

1. At the time of inspection all the houses were constructed and fully in operation and occupied by the tenements.
2. Sewage received in the collection well at the premises and pumped to 1.5km further for treatment purpose. Flow meter not observed during the site visit.
3. The off-site sewage treatment facilities at a distance of 1.5km is not in order and not receiving/no sign of any sewage flow at the time of inspection
4. There is no sufficient greenbelt available at the site during the time of inspection visit.
5. The rainwater harvesting facilities needs proper improvements as it seems to be non-functional. Few are seen and few are not visibly seen
6. The project proponent receiving piped water supply from CMWSSB and the quantum of water supply and the tariff bill to be produced by the project proponent for the last six months.
7. At present there are 5 towers are constructed with 6 floors with lift facility.
8. Domestic wastes are disposed in the public bins. The details of solid waste management including STP sludge to be furnished by the project proponent
9. The performance report of STP along with flow records for the 6 months to be furnished by the project proponent
10. The details of building plan approval submitted to the authority and its completion to be furnished by the project proponent.
11. Land use classification to be furnished.
12. Details of EB power consumption and a tariff paid to ETP for the last 6 months to be furnished by the project proponent.

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13. Well-developed OSR is existing at the site with approach from outside the campus. The project proponent may also explore the possibility of entry from their own campus entry point.

Based on the inspection report, made and the documents furnished by the Proponent, the SEAC has decided to recommend the proposal for the TOR subject to the following additional condition

1. During inspection it was noticed by the SEAC sub-committee that houses were constructed and fully in operation and occupied by the tenements. In this regard, the project proponent furnish assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared by the Accredited consultant and also with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET or a laboratory of Council of Scientific and Industrial Research Institutions working in the field of Environment.
2. The project proponent shall furnish a revised proposal to plan the STP within 100m from the project site.
3. The proponent shall provide a detailed plan of creating the green belt of 15 % of total area excluding OSR within project site and furnish photographs of the same.
4. The proponent shall earmark and provide separate entry and exit for the OSR area provided.
5. DTCP approvals for proposed project activity.

Thanking the Chairman, Member Secretary and the Members of SEAC-TN, the 214th meeting of SEAC came to an end at 7.30 PM.

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