

MINUTES OF THE 126th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) KERALA, HELD ON 22nd APRIL 2023

Present:

- 1. Dr. H. Nagesh Prabhu IFS (Retd), Chairman, SEIAA, Kerala**
- 2. Sri. K. Krishna Panicker, Member, SEIAA**
- 3. Dr. V. Venu IAS, Member Secretary, SEIAA**

The 126th meeting of the SEIAA, Kerala was held on 22nd April 2023 at the Conference Hall, SEIAA, Kerala, Thiruvananthapuram on hybrid mode. The meeting started at 10.30 AM on 22nd April 2023. Dr. H. Nagesh Prabhu, Chairman, SEIAA Kerala chaired the meeting. Dr. Venu V. IAS, Member Secretary, SEIAA and Sri. K. Krishna Panicker, Expert Member, SEIAA attended the meeting. The Authority considered the agenda for the 126th meeting and took the following decisions:

Physical Files

Item No.126.01 **Minutes of the 125th meeting of SEIAA held on 28th & 29th March 2023**

Noted

Item No.126.02 **Environmental Clearance issued from DEIAA, Palakkad for the Granite Building Stone Quarry of Sri. K. J. Mathai, Managing Partner, M/s Three Star Metal Crusher in Vallapuzha Village, Pattambi Taluk, Palakkad District — Judgment dated 23.03.2021 in WP (C) No.7525/2021 - Revalidation of EC
(File No. 1166/EC1/2021/SEIAA)**

The Authority perused the item and observed that as per the direction of the Hon'ble High Court in judgment dated 23.03.2021 in WP (C) No.7525/2021, the SEAC appraised the proposal based on the documents received from the project proponent, report of field verification conducted on 22.11.2022, CCR received from IRO, MoEFCC, Bangalore etc. The 140th SEAC meeting recommended the project for revalidation of EC with a project life of 12 years from the date of the original EC i.e., 03.06.2017 subject to certain additional Specific Conditions in addition to the Specific and General Conditions stipulated in the original EC.

The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

The Authority decided to revalidate the EC initially for a period of 5 years for the quantity mentioned in the approved Mining Plan and then extend the EC period to cover Project Life of 12 years, from the date of issuance of original EC i.e., 03.06.2017, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has caused any damage to the Environment in the Project Region by violating any EC conditions.

The EC is subject to Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

- 1. The project proponent should do the bench correction, slope maintenance, and buffer zone correction, etc. where ever required, with immediate effect.*
- 2. Green belt along the buffer zone should be strengthened by planting vegetation of indigenous species and nurtured regularly*
- 3. Garland canal with silt traps, siltation pond, outflow channel and connectivity to natural drain should be provided considering the entire project area*
- 4. More number of avenue trees should be planted and nurtured*
- 5. The cleaning and desiltation of silt traps, siltation pond and outflow channel should be done periodically and the geo-tagged photographs of the process should be included in the HYCR.*
- 6. Overflow water from the siltation pond should be discharged to the nearby natural drain*

after adequate filtration

- 7. Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least 20% of the energy requirement of the project should be met from the solar power.*
- 8. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
- 9. Overburden should be stored at the designed place and retaining/protective wall should be provided for the topsoil and overburden storage.*
- 10. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 11. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 12. Adequate sanitation, waste management, and rest room facilities should be provided to the workers.*
- 13. Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office.*
- 14. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.*
- 15. Buffer zones should be demarcated and planted with local plants, climbers and herbs as mentioned in the biodiversity assessment report.*
- 16. No mining should be done where the slope is more than 45°*
- 17. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
- 18. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*

19. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.
20. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
21. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.126.03 **Environmental Clearance issued for the Granite Building Stone Quarry of Shri. Rajesh Kumar Jha, Managing Director & CEO, M/s Adani Vizhinjam Port Limited, at Block. No: 47, Re-Sy Nos. 133/4, 133/16, & 139/6 (Government land), in Aryanadu Village, Nedumangad Taluk, Thiruvananthapuram, Kerala- Letter from Secretary, Aryanad Grama Panchayat & Complaint received
(SIA/KL/MIN/136067/2020, 1587/EC1/2020/SEIAA)**

The Authority noticed the contention of the complaint filed Sri. Suresh Kumar dated 13.01.2023 that, the project proponent has not complied with the EC General Condition No. 4 and has not submitted the copy of the EC to concerned Grama Panchayat. On verifying the reply given by Project Proponent to the complaint filed by Sri. Suresh Kumar and related documents, Authority found that the project proponent has complied with the above General Condition. Authority decided to inform this position to Sri. Suresh Kumar

Item No.126.04 **Complaint against the laterite building stone quarry project of Smt. Prajeena Parayil at Block No. 210, Re-Sy. No. 2/106 in Padiyoor Village, Iritty Taluk, Kannur, Kerala.**
(SIA/KL/MIN/187772/2020; 1857/EC4/2020/SEIAA)

The Authority deliberated the item and noted the recommendation of the SEAC in its 140th meeting. The Committee made an observation that mining is not done in the area stipulated in the Environmental Clearance and recommended to address the Mining and Geology Department to inspect the site and take urgent corrective measures for ensuring mining from the area for which EC is issued including penal actions for violations, if any. In this circumstance, the Authority decided to request the District Geologist, Kannur to inspect the site and submit a report regarding the above remarks within 15 days otherwise the EC given is likely to be suspended with the presumption that the EC conditions are violated. After getting the report, the recommendations of the SEAC shall be considered.

Item No.126.05 **Complaint against the laterite building stone quarry project of Smt. Prajeena Parayil at Block No. 87, Re-Sy. No. 35/1638 in Nuchiyad Village, Iritty Taluk, Kannur, Kerala.**
(SIA/KL/MIN/187777/2020; 1856/EC4/2020/SEIAA)

The Authority deliberated the item and noted the recommendation of the SEAC in its 140th meeting. The Committee made an observation that mining is not done in the area stipulated in the Environmental Clearance and recommended to address the Mining and Geology Department to inspect the site and take urgent corrective measures for ensuring mining from the area for which EC is issued including penal actions for violations, if any. In this circumstance, the Authority decided to request the District Geologist, Kannur to inspect the site and submit a report regarding the above remarks within 15 days otherwise the EC given is likely to be suspended with the presumption that the EC conditions are violated. After getting the report, the recommendations of the SEAC shall be considered.

Item No.126.06 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Jilson Joseph, in Re-Sy. No. 28 at Nediya Village, Taliparamba Taluk, Kannur - Judgment in WP (C) 397/2020 filed by Sri. Bijo Joseph - regarding the validity of EC.**
(File No.617/EC4/2021/SEIAA)

The Authority noted the order dated 04.04.2023 of the Hon'ble High Court in WA No. 397/2020 directing SEIAA to depute his officials and find out whether any impact has been created due to blasting on the residential house of the appellant and report before the Court on the action taken thereon. The Authority decided to refer the case to SEAC with a copy of the Judgment to depute an expert member for studying impact due to blasting on the residential building of the appellant as directed by the Hon'ble High Court and intimate the same to Hon'ble High Court through legal officer under intimation to SEIAA .

Item No.126.07 **Reconsideration of Rejected Environmental Clearance for the Granite Building Stone Quarry project of Mr. Mathew, M/s Alacode Granites in Survey No 292/1A of Vellad Village, Thaliparamba Taluk, Kannur, Kerala**
(File No. 1277(A)/EC2/2019/SEIAA)

As intimated by the Authority, Sri. Jaijal Tom, on behalf of the project proponent and Dr. S. Sakkir S. Pillai, the RQP attended the hearing on 22.04.2023. After hearing, the Authority directed the project proponent to submit a detailed hearing note within 7 days with necessary supporting documents to substantiate their claims. The SEAC shall verify the hearing note and reappraise the proposal as they deem fit by conducting necessary field visit, if required.

Item No.126.08 **Environmental Clearance issued from DEIAA, Thiruvananthapuram for the granite building stone quarry project of Smt. Shaila Nasar, Director, M/s Al- Nassar Granites Pvt. Ltd in Uzhumalakkal Village, Nedumangad Taluk, Thiruvananthapuram - Judgment dated 30.11.2020 in WP (C) No. 26372/2020 - Revalidation of EC- Interim order dated 06.03.2023 in WP(C) No. 7289/2023**
(File No. 2793/EC1/2020/SEIAA)

As directed by the Authority intimation regarding the hearing was given to the project proponent on 13.04.2023. The Project Proponent intimated his inconvenience to attend the hearing on the scheduled date. The Authority decided to give another opportunity of hearing in the next meeting. The intimation regarding the hearing shall be given to the project proponent well in advance.

Item No.126.09 **Environmental Clearance issued to the quarry project of Sri. Ummer Kutty K., M/s. Morayoor Granites Pvt. Ltd. at Sy.No.153/2, 154/Pt in Morayur Village, Kondotty Taluk, Malappuram – Order of NGT in Appeal No.30 of 2020 filed by Sri. Mohammed O. – reg:- (File No.1239/EC2/2019/SEIAA)**

As directed by the Authority intimation regarding the hearing was given to the project proponent on 17.04.2023. The Project Proponent intimated his inconvenience to attend the hearing on the scheduled date. The Authority decided to give another opportunity of hearing in the next meeting. The intimation regarding the hearing shall be given to the project proponent well in advance.

Item No.125.10 **Action Taken Report on 124th meeting of SEIAA held on 27th & 28th February 2023**

Noted.

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.1 **Environmental Clearance for the Building Stone Quarry of Sri. Sukumaran. K in Survey No. 364 of Nagalassery Village, Pattambi Taluk, Palakkad, Kerala (SIA/KL/MIN/209954/2021, 1951/EC1/2022/SEIAA)**

Sri. Sukumaran. K submitted application for Environmental Clearance via PARIVESH for the Building Stone Quarry of Sri. Sukumaran. K for an Area of 0.4696 Ha at Survey No. 364 of Nagalassery Village, Pattambi Taluk, Palakkad, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 1, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine

life is 3 years. After the due appraisal, the SEAC in its 140th meeting, recommended EC with the project life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 3 (three) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.*
- 4. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs as mentioned in the biodiversity assessment report.*
- 5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.*
- 6. Garland drain should be enlarged to carry the entire overland flow of the adjacent sloppy region of the quarry.*
- 7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*
- 8. Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least 20% of the energy requirement of the project should be met from the solar power.*
- 9. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
- 10. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*

11. *OB dump site should be at the lower part of the site (near BP8). A gabion wall shall be constructed for the OB dump.*
12. *Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.*
13. *The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
14. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
15. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
16. *Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office*
17. *The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.*
18. *Boundary Pillars should be properly marked and fencing should be done properly.*
19. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
20. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
21. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*

22. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
23. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
24. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.2

Environment Clearance for the Laterite Building Stone Quarry of Sri. G. Unnikrishnan for an area of 0.0809 Ha at Block No. 1, Re- Survey No: 483/1-1 in Sooranad North Village, Kunnathur Taluk, Kollam, Kerala (SIA/KL/MIN/403045/2022, 2168/EC2/2022/SEIAA)

Sri. G Unnikrishnan, Sreekrishnavilasam, Anayadi PO, Sooranad North, Kollam sought Environmental Clearance for the proposed Laterite Building Stone Quarry at Block No. 1, Re-Sy No. 483/1-1 in Sooranad North Village, Kunnathur Taluk, Kollam, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 1 year. After the due appraisal, the SEAC in its 140th meeting, recommended EC for the life of mine of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
3. *A buffer distance of 50m shall be provided between the houses and the project boundary.*
4. *The excavation activity associated should not involve blasting.*
5. *The excavation activity should be restricted to 2m above the ground water table at the site.*
6. *The excavation activity should not alter the natural drainage pattern of the area.*
7. *The excavated pit should be restored by the project proponent for useful purpose.*
8. *Appropriate fencing all around the excavated pit should be made to prevent any mishaps.*
9. *Measures should be taken to prevent dust emission by covering of excavated earth during transportation.*
10. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
11. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
12. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
13. *A minimum distance of 15m from any civil structure should be kept from the periphery of the project area.*
14. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
15. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
16. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
17. *Measures incorporated in the CER should be implemented as per norms.*
18. *Transportation of mined material should not be done during the peak hours in the*

forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).

19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.3

Environmental Clearance for the proposed Laterite Building Stone Quarry of Sri. E.P. Naseer for an extent of 0.0971 Ha at Block No. 91, Re-Survey No: 46/1373 in Kaliyad Village, Iritty Taluk, Kannur, Kerala (SIA/KL/MIN/404403/2022; 2141/EC4/2022/SEIAA)

Sri. E. P. Naseer, Nahals, Edayannur P.O, Kannur submitted an application for Environmental Clearance for the proposed Laterite Building Stone Quarry Project for an area of 0.0971 Ha, at Re.Sy No. 46/1373 in Kaliyad Village, Iritty Taluk, Kannur, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 1 year. After the due

appraisal, the SEAC in its 140th meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the ground water table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area.*
- 6. The excavated pit should be restored by the project proponent for useful purpose.*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishaps.*
- 8. Measures should be taken to prevent dust emission by covering of excavated earth during transportation.*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
- 10. Workers/labourers should be provided with facilities for drinking water and sanitation.*
- 11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
- 12. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area.*
- 13. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 14. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*

15. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
16. *Measures incorporated in the CER should be implemented as per norms.*
17. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
19. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
20. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.4 **Environment Clearance for the Laterite Building Stone Quarry of Sri. Dineshan K. for an area of 0.0971 Ha at Re-Sy Nos. 403/2pt in Bedadukka Village, Kasaragod Taluk, Kasaragod, Kerala (SIA/KL/MIN/409820/2022, 2176/EC2/2022/SEIAA)**

Sri. Dineshan. K, Thanathinkal House Mukkood, Raveneshwaram (P. O) Kasaragod, sought Environmental Clearance for the proposed Laterite Building Stone Quarry for an area of 0.0971 Ha at Re-Sy Nos. 403/2pt of Bedadukka Village, Kasaragod Taluk, Kasaragod, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held

on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 1 year. After the due appraisal, the SEAC in its 140th meeting, recommended EC for a period of One year as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha and with certain specific conditions in addition to general conditions:

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
- 5. The excavation activity should be restricted to 2m above the ground water table at the site.*
- 6. The excavation activity should not alter the natural drainage pattern of the area.*
- 7. The excavated pit should be restored by the project proponent for useful purpose.*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishaps.*
- 9. Measures should be taken to prevent dust emission by covering of excavated earth during transportation.*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
- 11. Workers/labourers should be provided with facilities for drinking water and sanitation.*
- 12. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
- 13. A minimum distance of 15m from any civil structure should be kept from the periphery of the*

project area.

- 14. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 15. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
- 16. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
- 17. Measures incorporated in the CER should be implemented as per norms.*
- 18. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 19. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
- 20. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 21. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.5

**Environmental Clearance for laterite building stone quarry project of Sri. Moyimonul Rasheed in Re-Sy. No. 44/1, 41/1, at Thalikulathur Village, Kozhikode Taluk & District, Kerala - (Contempt case filed by Sri. Chandhukutty in violation of the Judgment dated 28.02.2020 in WP (C) No.5572/2019)
(SIA/KL/MIN/416869/2023; 1627/EC4/2020/SEIAA)**

The Authority noticed that SEIAA had already decided to issue EC in its 121st meeting held on 29th & 30th December 2022. The Authority decided to reiterate its earlier decision and decided to issue EC for the project period of 2 (two) years, for the quantity of 40075 MT, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and its amendments thereby.*
- 2. The EC shall be valid from the date of execution of the permit/lease from the Department of Mining and Geology. A copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The validity of EC may be limited as per the mine plan but the quantity to be extracted may be limited to a total of 40,075 MT only.*
- 4. The overland drainage channel will have to be laid prior to the commencement of mining as per the plan and details submitted and it should be managed with utmost care by preventing any obstructions to the flow and periodical removal of the silt deposited.*
- 5. The mine pit should not be used as percolation pond or for storage of water. The entire storm water from the site should be drained out through the drainage system developed.*
- 6. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck. The Project Proponent should undertake a phased restoration and shall complete this work along with the completion of the mining operations.*
- 7. As it is a fully exposed, elevated hard terrain, a Horti-Sylvi approach with initially fast-growing trees like Subabul on the overburden followed by a cashew or bamboo plantations should be adopted.*
- 8. The filled-up pits with the waste/OB materials to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of the plantation.*

9. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.
10. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEFCC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
11. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

CONSIDERATION OF TOR PROPOSALS

Item No.1

Application for Terms of Reference for the Granite Building Stone Quarry Project of Sri. Abin Rahman A.M at Sy Nos. 157/1-1,157/1-2,157/1-3,162/1-4 in Morayur Village, Kondotty Taluk, Malappuram (SIA/KL/MIN/410606/2023; 2205/EC6/2023/SEIAA)

Sri. Abin Rahman A.M, S/o Ahammed Kutty, Aralayil House, Koolimadu, Pazhur P.O, Kozhikode submitted an application through PARIVESH for the approval of Terms of Reference for the Granite Building Stone Quarry for an area of 4.9863 Ha at Sy Nos. 157/1-1, 157/1-2, 157/1-3, 162/1-4 in Morayur Village, Kondotty Taluk, Malappuram.

The Authority noted that SEAC in its 140th meeting recommended the Standard ToR

with certain additional studies. The Authority decided to approve the Standard Terms of Reference with the following additional aspects for EIA Study as recommended by SEAC.

- 1. Vibration studies to evaluate the zone of influence and impact of blasting on the neighbourhood as suggested in para (e) of OM No Z -11013/57/2014-IA.II (M) dated 29-10-2014 of MOEF&CC*
- 2. Probable accidents due to land failure, debris flow, landslide, etc to the inhabitants in lower region.*
- 3. Social impact assessment study with 100% coverage of all the households in the watershed in which the site is located.*

Item No.2

**Terms of Reference (ToR) for the Existing Mild Steel Rolling Mill of M/s. Peekay Rolling Mills (P) Ltd, located at Sy. No.50 (Part), 53 (Part), 54 (Part), 55 (Part), 56 (Part) and 58 (Part), Cheruvanoor Village, Kozhikode Taluk Kozhikode.
(SIA/KL/IND/416949/2023; 2209/EC4/2023/SEIAA)**

Sri. Moidu K.E, Managing Director, M/s Peekay Rolling Mills (P) Ltd, Nallam, Kozhikode-673027 submitted an application through PARIVESH for the approval of Terms of Reference (ToR) for the Existing Steel Making and Rolling Mill with a capacity of M.S Billets 100 MTPD at Sy Nos. 50 (Part), 53 (Part), 54 (Part), 55 (Part), 56 (Part) and 58 (Part) in Cheruvanoor Village, Kozhikode Taluk and District.

The Authority noted that SEAC in its 140th meeting recommended the Standard ToR for conducting EIA studies. The Authority decided to approve the Standard Terms of Reference for conducting EIA studies.

Item No.3

**Application for ToR for the Existing Mild Steel Re-Rolling mill of M/s. Gasha Steels (P) Ltd at Sy. Nos. 461(part), 462(part), 463(part), 866 (part I, 872(part) in Pudussery Village, Palakkad Taluk and District, Kerala
(SIA/KL/IND1/418581/2023; 2217/EC1/2023/SEIAA)**

Sri. Dirsha K. Mohammed, Managing Director, M/s. Gasha Steels (P) Ltd, Pudussery Village, Palakkad Taluk, Palakkad District -678621, submitted application for the approval of ToR via

PARIVESH, for the Existing Mild Steel Re-Rolling mill of M/s. Gasha Steels (P) Ltd at Sy. Nos. 461(part), 462(part), 463(part), 866 (part 1, 872(part) in Pudussery Village, Palakkad Taluk and District, Kerala.

The Authority noted that SEAC in its 140th meeting recommended the Standard ToR for conducting EIA studies. The Authority decided to approve the Standard Terms of Reference for conducting EIA studies.

General Decisions

Prior EC for Standalone rerolling or cold rolling Units

The Authority noted the in compliance to the Judgment in O.A 55/2019(WZ) dated 12th February, 2020 of Hon'ble National Green Tribunal, the MoEFCC vide S.O No.3250 (E) dated 20.07.2022 amended the EIA Notification, that “the prior EC is required for all the stand alone rerolling units or cold rolling units which are in existence and in operation on the date of Notification with valid Consent to Establish and Consent to Operate from the concerned SPCB or Union Territory Pollution Control Committee, as the case may be, shall apply online for grant of Terms of Reference followed by the Environmental Clearance and the said unit shall be granted Standard ToR as per 3(a) of the said Notification and shall be exempted from the requirement of Public Consultation. The application for the grand of ToR shall be made within a period of one year from the date of this Notification.”

Under the circumstances, the Authority decided to intimate the KSPCB not to issue/renew the Consent to Operate or/and Consent to Establish to all the steel re-rolling or cold rolling operations fall under the purview of the secondary metallurgical processing industry after the window period ie.19.07.2023 for applying the ToR. The Authority also decided to issue a circular regarding the applicability of prior EC as per the S.O No.3250 (E) dated 20.07.2022. The matter shall also be intimated to the Industries Department.

Digitizing Environmental Clearance Appraisal

As per the OM dated 06.10.2021, the MoEF&CC directed the SEIAA to issue system generated EC with 16 digit EC identification number with e-signature w.e.f 20.10.2021. Under the circumstances, the Authority decided to intimate SEAC to appraise all the pending Physical files through PARIVESH portal afresh. The SEIAA Secretariat shall make a special concerted

effort within one month to consolidate all those proposals, which are intended to be physically appraised and intimate those project proponents to submit application through the PARIVESH Portal afresh. The SEAC shall consider those applications in the PARIVESH Portal for making recommendations without affecting their existing seniority. SEIAA will no longer consider recommendation for prior EC in physical forms as it is adversely commented by MoEF&CC.

Sd/-
Dr. H. Nagesh Prabhu IFS (Retd)
Chairman, SEIAA

Sd/-
Dr. V. Venu IAS
Member Secretary, SEIAA

Sd/-
Sri. K.Krishna Panicker
Member, SEIAA